



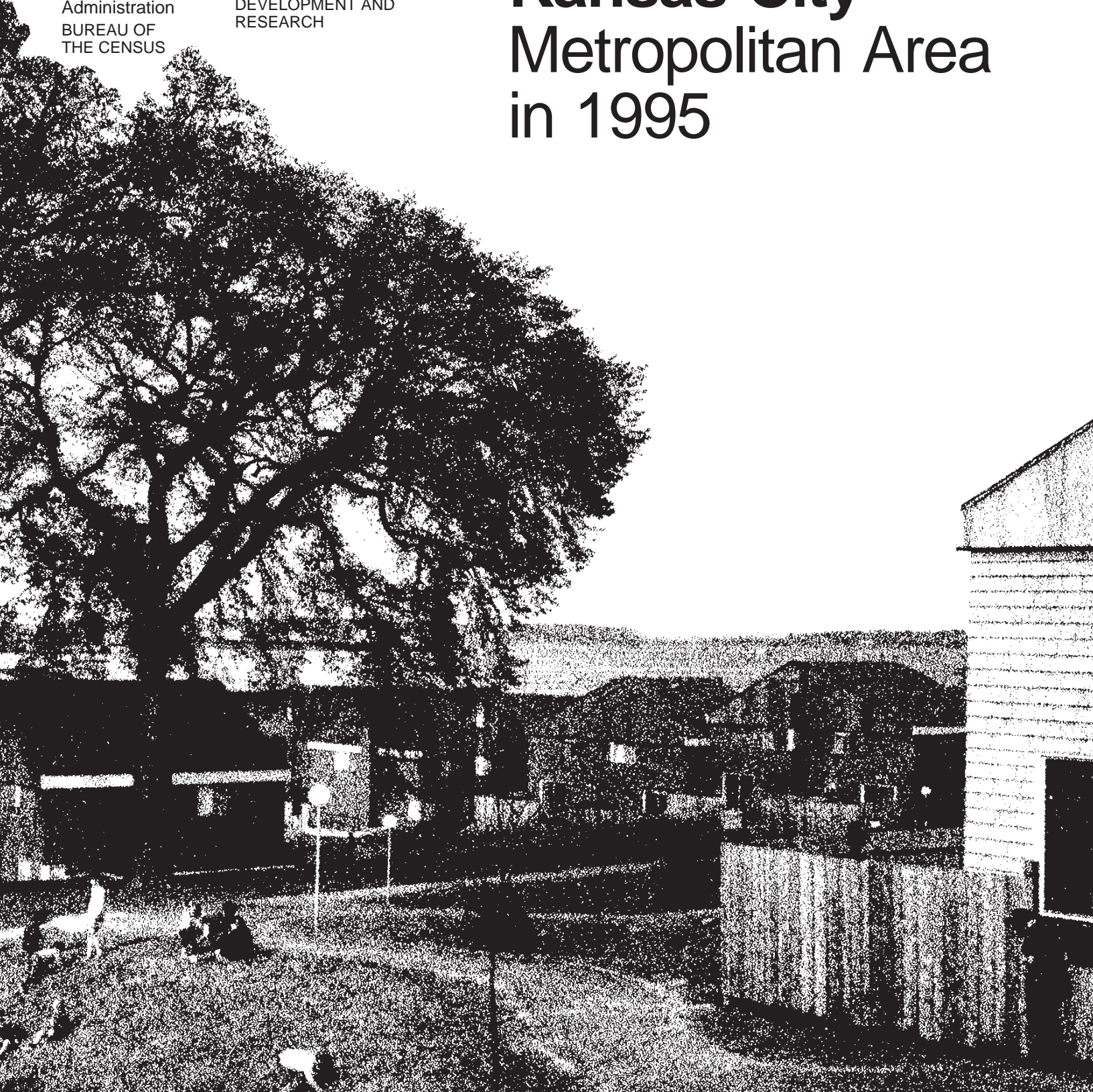
**U.S.
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Economics and
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Administration
BUREAU OF
THE CENSUS

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

OFFICE OF POLICY
DEVELOPMENT AND
RESEARCH

American Housing Survey for the **Kansas City** Metropolitan Area in 1995



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This report presents data from the American Housing Survey, which was sponsored by the U.S. Department of Housing and Urban Development and conducted by the U.S. Bureau of the Census. It was prepared primarily under the direction of **Ronald J. Sepanik**, Director, Housing and Demographic Analysis Division, Department of Housing and Urban Development, and **Daniel H. Weinberg**, Chief, Housing and Household Economic Statistics Division, Bureau of the Census.

Ronald J. Sepanik, assisted by **Paul Burke** and **David A. Vandenbroucke**, was responsible for overseeing the American Housing Survey and this report on behalf of the Department of Housing and Urban Development.

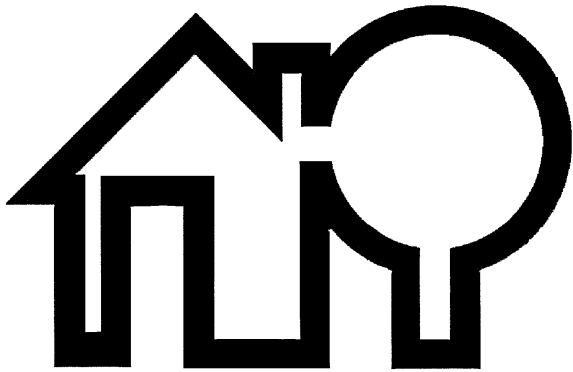
Within the Bureau of the Census, this report was developed in the Housing and Household Economic Statistics Division. It was prepared under the supervision of **Leonard J. Norry**, Assistant Division Chief for Housing Programs, by **Edward D. Montfort**, Chief, American Housing Survey Branch, assisted by **Paul P. Harple**. **Mary Lynn Fessler**, **Sandra Lord**, **Georgina Torres**, **Ester Buckles**, **Barbara Williams**, and **William L. Hartnett** performed specific activities related to data collection procedures, statistical presentation, organization of the report, and preparation of text materials. **Ethelery A. Johnson** provided statistical assistance.

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American Housing Survey for the **Kansas City** Metropolitan Area in 1995

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of Commerce**

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Major Changes This Year

(For previous years' changes, see appendix C)

- Seven new items are introduced in this report. These items are: "Sample Size," "Rooms Used for Business," "Homes Currently for Sale or Rent," "Safety of Primary Source of Water," "Source of Drinking Water," "Home Equity Loan," and "Educational Attainment of the Householder." See appendix A in this report for a complete definition of these items.
- "Educational Attainment of the Householder" replaces "Years of School Completed by the Householder."
- Table 16 (Repairs, Improvements, and Alterations) in all chapters has been deleted. Data on repairs, improvements, and alterations will appear in the *Supplement to the American Housing Survey for the Metropolitan Areas in 1995* report, Series H171/95.
- There is an expanded definition of "Monthly Housing Costs" as it relates to vacant units. For a detailed definition of this item, see page 19 of appendix A.

Geographical Definitions of AHS Metropolitan Areas

[The information in parentheses indicates where the June 30, 1993, OMB geographical definitions differ from the AHS definitions]

Name	Square miles	Name	Square miles
CHICAGO, IL AREA PMSA'S	4,430	DETROIT, MI PMSA	4,463
Cook County	945	Lapeer County	654
Dupage County	334	Livingston County	568
Grundy County	420	Macomb County	480
Kane County	521	Monroe County	551
Kendall County	321	Oakland County	872
Lake County	448	St. Clair County	724
McHenry County	604	Wayne County	614
Will County	837	(OMB same as AHS)	
(OMB includes Dekalb County)			
CHARLOTTE, NC-SC MSA	3,377	KANSAS CITY, MO-KS MSA	5,403
Cabarrus County, NC	364	Cass County, MO	699
Gaston County, NC	356	Clay County, MO	396
Lincoln County, NC	299	Clinton County, MO	417
Mecklenburg County, NC	527	Jackson County, MO	605
Rowan County, NC	511	Lafayette County, MO	629
Union County, NC	637	Platte County, MO	420
York County, SC	683	Ray County, MO	569
(OMB same as AHS)		Johnson County, KS	477
		Leavenworth County, KS	463
		Miami County, KS	577
		Wyandotte County, KS	151
		(OMB same as AHS)	
COLUMBUS, OH MSA	3,141	LOS ANGELES-LONG BEACH, CA PMSA	4,056
Delaware County	442	Los Angeles County	4,056
Fairfield County	506	(OMB same as AHS)	
Franklin County	540		
Licking County	686		
Madison County	465		
Pickaway County	502		
(OMB same as AHS)			
DENVER, CO PMSA	3,760	MIAMI-FT. LAUDERDALE, FL CMSA	3,153
Adams County	1,192	Broward County	1,209
Arapahoe County	803	Dade County	1,944
Denver County	153	(OMB same as AHS)	
Douglas County	840		
Jefferson County	772		
(OMB same as AHS)			

Name	Square miles	Name	Square miles
NEW ORLEANS, LA MSA	3,152	PHILADELPHIA, PA-NJ PMSA	3,517
Jefferson Parish	305	Bucks County, PA	607
Orleans Parish	181	Chester County, PA	756
Plaquemines Parish	844	Delaware County, PA	184
St. Bernard Parish	465	Montgomery County, PA	483
St. Charles Parish	284	Philadelphia County, PA	135
St. John the Baptist Parish	219	Burlington County, NJ	805
St. Tammany Parish	854	Camden County, NJ	222
OMB includes St. James Parish)		Gloucester County, NJ	325
		(OMB includes Salem County, NJ)	
NEW YORK-NASSAU-SUFFOLK-ORANGE COUNTY, NY PMSA'S	3,156	PITTSBURGH, PA MSA	4,621
Bronx County	42	Allegheny County	730
Kings County	71	Beaver County	435
Nassau County	287	Butler County	788
New York County	23	Fayette County	790
Orange County	816	Washington County	857
Putnam County	231	Westmoreland County	1,021
Queens County	109	(OMB same as AHS)	
Richmond County	59	PORTLAND, OR-WA PMSA	5,024
Rockland County	174	Clackamas County, OR	1,865
Suffolk County	911	Columbia County, OR	657
Westchester County	433	Multnomah County, OR	435
(OMB same as the New York State portion of AHS definition, except that OMB includes Pike County, PA)		Washington County, OR	724
		Yamhill County, OR	715
NORTHERN NEW JERSEY PMSA'S	4,062	Clark County, WA	628
Bergen County	234	(OMB same as AHS)	
Essex County	126	SAN ANTONIO, TX MSA	3,326
Hudson County	47	Bexar County	1,247
Hunterdon County	430	Comal County	561
Mercer County	226	Guadalupe County	711
Middlesex County	311	Wilson County	807
Monmouth County	469	(OMB same as AHS)	
Morris County	469		
Ocean County	636		
Passaic County	185		
Somerset County	305		
Sussex County	521		
Union County	103		
(OMB same as the New Jersey portion of the AHS definition, except that OMB includes Warren County, NJ)			

Explanations and Cautions

EXPLANATIONS

Survey authority and confidentiality. The Bureau of the Census conducts the American Housing Survey to obtain up-to-date housing statistics for the Department of Housing and Urban Development (HUD). Title 12, Sections 1701Z-1 and 1701Z-2g of the U.S. Code authorize the Secretary of HUD to collect data from public and private agencies and protect the confidentiality of the data. Title 12, Section 1701Z-10 mandates the collection of the data for the American Housing Survey. The guarantee of confidentiality made to respondents is provided by the Bureau of the Census. Title 13, Section 9a, of the U.S. Code provides that all information which would permit identification of individuals will be held in strict confidence. Such information may be seen only by sworn U.S. Census Bureau employees and may be used only for statistical purposes. Section 214 of Title 13 sets penalties for disclosing confidential information. Unauthorized disclosure of individual information by a sworn Census Bureau employee is punishable by a fine of up to \$5,000 or imprisonment of up to 5 years, or both. The Bureau of the Census is authorized under Title 31, Section 1535 of the U.S. Code, to perform special work or services for other Federal agencies.

Contents of Book. This book presents data on apartments; single-family homes; mobile homes; vacant housing units; age, sex, and race of householders; income; housing and neighborhood quality; housing costs; equipment and fuels; and size of the housing units. The book also presents data on homeowner's mortgages, rent control, rent subsidies, previous unit of recent movers, and reasons for moving.

Scope of the Survey. The American Housing Survey (AHS) is conducted by field representatives 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 time periods involved varied among the metropolitan areas, although the majority of the interviewing occurred in the second half of the year. The sample sizes for the metropolitan areas range from 1,300 to 4,700 addresses. See appendix B for details.

CAUTIONS

Sampling and Nonsampling Errors. The numbers in this book have errors from sampling and other causes (incomplete data, wrong answers, etc.). Appendix D gives detailed

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

Undercoverage. All demographic surveys, including the American Housing Survey-Metropolitan Sample (AHS-MS), suffer from undercoverage. This undercoverage results from missed housing units and missed persons within sample households. Compared to the level of the 1990 decennial census, housing unit undercoverage ranges by metropolitan statistical area (MSA) from less than 1 percent to 7.8 percent. This undercoverage also varies by age, ethnicity, and race of householder; however, estimates of undercoverage for these characteristics are unavailable. For some, household composition (e.g., persons per household), persons per room, square feet per person, and income characteristics, AHS-MS estimates are affected by missed persons within sample households. We do not know the effect of this within-household undercoverage on these characteristics. The weighting procedures used for AHS-MS partially correct for the bias due to housing-unit undercoverage, but not within-household undercoverage. The final impact on estimates is unknown. For details on the weighting, see appendix B.

Income and Poverty. In all metropolitan areas, significant numbers of households who reported incomes below poverty also reported housing costs that were 70 percent or more of their income. A review of individual records indicates that many of these households actually reported housing costs higher than their income. Such a situation can indeed happen temporarily as people use their savings or build up debt. It can also happen when people whose actual income is above poverty underreport their income because they either consider the question too personal or have some other reason. We do know that AHS income is underreported. Also, the Consumer Expenditures Survey shows that nationwide less than 10 percent of the poor devote over 70 percent of their total expenditures to housing. Therefore, the AHS data for poverty households with housing costs 70 percent or more of their income should be analyzed with caution.

Historically, the AHS underreports income and overreports poverty when compared to the Current Population Survey (CPS), and both surveys 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.

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 1993," 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 (call 301-763-8551).

DATA AVAILABILITY

The AHS data are presented nationally as well as for 46 selected metropolitan areas (see table on next page). The

following table shows the sources for obtaining AHS data, the product available, and the pricing for each product. Each source or organization offering AHS data sets its own charges, so prices may vary among the sources. For the data user whose needs are not met by the book tabulations, there are tapes and CD-ROM's with copies of each respondent's answers, so these answers can be tabulated by computer programs in any way desired (microdata). Microdata for the national sample are now available on the Internet. Contact HHES Division for more details. To protect the confidentiality of the respondents; names, addresses, and geographic areas smaller than 100,000 people are not identified. The sample design generally will not support analysis for areas smaller than those shown in the books.

Table B. Sources for American Housing Survey Data

Source	Telephone	Books	Microdata
HUD User Box 6091 Rockville, MD 20850	800-245-2691 301-519-5154 TDD 800-877-8674	National and Metro \$5	National and Metro \$100 CD-ROM's \$150
Customer Services Bureau of the Census Washington, DC 20233-8500	301-457-4100 TDD 301-457-4611 Fax 1-888-249-7295	Metro \$10-\$20	National and Metro Tapes (back to late 1970's) \$175 CD-ROM's \$150
Superintendent of Documents ¹ Washington, DC 20402-9326	202-512-1800 Fax 202-512-2250	National \$20-\$51	
Housing and Household Economic Statistics Division Bureau of the Census Washington, DC 20233-8500	301-763-8551 Fax 301-763-8674	Analytical reports H121, H123 \$2-\$10	
National Archives	301-713-6630		National and Metro Tapes (1974-1988) \$90
Internet: (Type address in lower case.)			
Electronic Subscription Service: www.census.gov/mp/www/index2.html		National, Metro, Analytical. All reports published since 1996. Free	
American Housing Survey Home Page: www.census.gov/hhes/www/ahs.html			1993, 1995 National Free
HUD User Home Page: www.huduser.org			1995 and later National and Metro Free

¹Ask for Census Bureau series H150 and H151. Depository libraries may order Superintendent of Documents prefix C3.215. Libraries often keep National books in a special catalog and section for U.S. Government documents. Metropolitan reports may be located in the general catalog, since these are not published by the Superintendent of Documents.

Dates of AHS Metropolitan Surveys: 1974 to 1996

(A book for each survey is published about 18 months later)

Area	1995- 1998	1992- 1994	1988- 1991	1984- 1987	1981- 1983	1980	1977- 1979	1974- 1976
Albany-Schenectady-Troy, NY	–	–	–	–	80	77	74	–
Allentown-Bethlehem-Easton, PA-NJ	–	–	–	–	80	76	–	–
Anaheim-Santa Ana, CA PMSA**	–	94	90	86	81	–	77	74
Atlanta, GA MSA	96	–	91	87	82	–	78	75
Baltimore, MD MSA	98	–	91	87	83	–	79	76
Birmingham, AL MSA	98	92	88	84	–	80	–	76
Boston, MA-NH CMSA	98	93	89	85	81	–	77	74
Buffalo, NY CMSA**	–	94	88	84	–	–	79	76
Charlotte, NC-SC MSA	95	–	–	–	–	–	–	–
Chicago, IL PMSA	95	–	91	87	83	–	79	75
Cincinnati, OH-KY-IN PMSA**	98	–	90	86	82	–	78	75
Cleveland, OH PMSA**	96	92	88	84	–	–	79	76
Colorado Springs, CO	–	–	–	–	–	–	78	75
Columbus, OH MSA	95	–	91	87	82	–	78	75
Dallas, TX PMSA**	–	94	89	85	81	–	77	74
Denver, CO MSA	95	–	90	86	83	–	79	76
Detroit, MI PMSA	95	93	89	85	81	–	77	74
Fort Worth-Arlington, TX PMSA	–	94	89	85	81	–	77	74
Grand Rapids, MI	–	–	–	–	–	80	–	76
Hartford, CT MSA	96	–	91	87	83	–	79	75
Honolulu, HI	–	–	–	–	83	–	79	76
Houston, TX (new sample in 1987) PMSA's	98	–	91	87	83	–	79	76
Indianapolis, IN MSA**	96	92	88	84	–	80	–	76
Kansas City, MO-KS MSA	95	–	90	86	82	–	78	75
Las Vegas, NV**	–	–	–	–	–	–	79	76
Los Angeles-Long Beach, CA PMSA**	95	–	89	85	–	80	77	74
Louisville, KY-IN	–	–	–	–	83	80	–	76
Madison, WI	–	–	–	–	81	–	77	75
Memphis, TN-AR-MS MSA	96	92	88	84	–	80	77	74
Miami-Ft. Lauderdale, FL CMSA	95	–	90	86	83	–	79	75
Milwaukee, WI PMSA**	–	94	88	84	–	–	79	75
Minneapolis-St. Paul, MN-WI MSA	98	93	89	85	81	–	77	74
New Orleans, LA MSA	95	–	90	86	82	–	78	75
New York-Nassau-Suffolk-Orange, NY PMSA's	95	–	91	87	83	80	–	76
Newark, NJ (now covered by Northern NJ)**	–	–	–	–	81	–	77	74
Norfolk-Virginia Beach-Newport News, VA MSA	98	92	88	84	–	–	78	75
Northern NJ PMSA's	95	–	91	87	–	–	–	–

Dates of AHS Metropolitan Surveys: 1974 to 1996—Con.

(A book for each survey is published about 18 months later)

Area	1995- 1998*	1992- 1994	1988- 1991	1984- 1987	1981- 1983	1980	1977- 1979	1974- 1976
Oakland, CA PMSA (formerly with San Francisco-Oakland, CA PMSA's)	98	—	—	—	—	—	—	—
Oklahoma City, OK MSA	96	92	88	84	—	80	—	76
Omaha, NE-IA	—	—	—	—	—	—	79	76
Orlando, FL	—	—	—	—	81	—	77	74
Paterson-Clifton-Passaic, NJ (now covered by Northern NJ)**	—	—	—	—	82	—	78	75
Philadelphia, PA-NJ PMSA**	95	—	89	85	82	—	78	75
Phoenix, AZ MSA**	—	94	89	85	81	—	77	74
Pittsburgh, PA MSA	95	—	90	86	81	—	77	74
Portland, OR-WA PMSA	95	—	90	86	83	—	79	75
Providence-Pawtucket-Warwick, RI-MA PMSA's	—	92	88	84	—	80	—	76
Raleigh, NC	—	—	—	—	—	—	79	76
Riverside-San Bernardino-Ontario, CA PMSA**	—	94	90	86	82	—	78	75
Rochester, NY MSA	98	—	90	86	82	—	78	75
Sacramento, CA MSA	96	—	—	—	83	80	—	76
Saginaw, MI	—	—	—	—	—	80	77	74
St. Louis, MO-IL MSA	96	—	91	87	83	80	—	76
Salt Lake City, UT MSA	98	92	88	84	—	80	77	74
San Antonio, TX MSA	95	—	90	86	82	—	78	75
San Diego, CA MSA**	—	94	91	87	82	—	78	75
San Francisco, CA PMSA**	—	—	—	—	—	—	—	—
San Francisco-Oakland, CA PMSA's	98	93	89	85	82	—	78	75
San Jose, CA PMSA	98	93	88	84	—	—	—	—
Seattle-Everett, WA PMSA	96	—	—	—	83	—	79	76
Seattle-Tacoma, WA	—	—	91	87	—	—	—	—
Spokane, WA	—	—	—	—	81	—	77	74
Springfield-Chicopee-Holyoke, MA-CT	—	—	—	—	—	—	78	75
Tacoma, WA	—	—	—	—	81	—	77	74
Tampa-St. Petersburg, FL MSA	98	93	89	85	—	—	—	—
Washington, DC-MD-VA MSA	98	93	89	85	81	—	77	74
Wichita, KS	—	—	—	—	81	—	77	74

* No areas surveyed for 1997 and 1999. .

** Same area since beginning. All other areas change boundaries over time; see map or list of counties in each report.

— Not applicable.

Table 1-1. 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	Seasonal	Year-round										New construction 4 yrs	Mobile homes	
			Total	Occupied			Vacant								
				Total	Owner	Renter	Total	For rent	Rental vacancy rate	For sale only	Rented or sold	Occasional use/URE			Other vacant
Total	715.5	1.4	714.1	659.1	443.2	215.9	55.0	27.5	11.2	10.2	4.8	4.1	8.3	41.9	19.9
Units in Structure															
1, detached	499.3	1.2	498.1	474.6	405.9	68.7	23.5	4.5	6.2	9.0	3.4	1.7	4.8	36.4	...
1, attached	46.2	-	46.2	43.1	12.1	31.0	3.0	1.8	5.4	.5	.3	-	.4	2.9	...
2 to 4	44.4	-	44.4	36.3	5.4	30.9	8.0	5.7	15.5	.4	.4	.5	1.1	.6	...
5 to 9	40.5	.2	40.3	35.2	1.9	33.3	5.1	4.7	12.4	-	-	-	.3	.2	...
10 to 19	25.9	-	25.9	20.7	.6	20.2	5.2	4.3	17.6	-	.2	.3	.3	.2	...
20 to 49	19.0	-	19.0	14.9	.2	14.7	4.1	2.5	14.0	-	.5	.7	.3	.7	...
50 or more	20.4	-	20.4	16.2	1.4	14.8	4.2	3.8	20.6	-	-	.2	.2	-	...
Mobile home or trailer	19.9	-	19.9	18.0	15.7	2.3	1.8	-	-	-	.3	-	.9	.9	19.9
Cooperatives and Condominiums															
Cooperatives	4.5	-	4.5	4.3	2.0	2.3	.2	.2	7.1	-	-	-	-	-	-
Condominiums	10.5	-	10.5	10.1	8.4	1.8	.4	.2	8.9	-	-	-	.2	.6	-
Year Structure Built¹															
1995 to 1999	8.2	-	8.2	4.9	4.3	.6	3.3	.9	59.0	1.2	1.0	-	.2	8.2	.3
1990 to 1994	45.9	-	45.9	43.5	39.5	4.0	2.4	-	-	1.5	1.1	.3	.5	33.7	.9
1985 to 1989	69.0	-	69.0	63.9	44.5	19.4	5.1	2.1	9.3	.5	1.0	1.2	.3	...	4.9
1980 to 1984	38.0	-	38.0	37.1	26.0	11.2	.9	.5	4.5	-	-	-	-	...	2.4
1975 to 1979	109.4	-	109.4	106.9	52.4	54.5	2.5	.9	1.6	.3	.5	.2	.5	...	3.2
1970 to 1974	69.9	-	69.9	64.7	39.4	25.3	5.2	4.0	13.7	.7	.2	-	.3	...	4.6
1960 to 1969	109.9	-	109.9	102.9	75.9	27.0	7.0	5.1	15.7	.4	.3	.5	.7	...	2.6
1950 to 1959	97.2	.2	97.0	87.8	67.7	21.1	9.2	5.5	20.7	1.4	.3	.9	1.1	...	1.0
1940 to 1949	52.3	.7	51.6	45.6	32.3	13.3	6.0	2.1	13.3	1.6	.7	.4	1.3	...	-
1930 to 1939	34.7	.3	34.3	29.3	17.6	11.6	5.1	2.6	18.1	1.4	-	-	1.1	...	-
1920 to 1929	32.8	.2	32.6	28.6	18.7	9.9	4.1	1.9	16.3	.9	-	.2	1.1	...	-
1919 or earlier	48.3	-	48.3	43.9	26.0	17.9	4.4	1.9	9.7	.4	.3	.4	1.4	...	-
Median	1968	...	1968	1969	1968	1971	1959	1959	...	1956	1980	...	1945	...	1978
Suitability for Year-Round Use²															
Built and heated for year-round use	714.8	.7	714.1	659.1	443.2	215.9	55.0	27.5	11.2	10.2	4.8	4.1	8.3	41.9	19.9
Not suitable .....	...	.2	...	-	-	-	...	...	...	...	...	...	...	-	-
Not reported .....	...	.5	...	-	-	-	...	...	...	...	...	...	...	-	-
Time Sharing															
Vacant, including URE .....	...	1.4	...	...	...	...	55.0	27.5	...	10.2	4.8	4.1	8.3	5.2	1.8
Ownership time-shared .....	...	-	...	...	...	...	.4	.4	...	-	-	-	-	-	-
Not time-shared .....	...	1.4	...	...	...	...	54.6	27.1	...	10.2	4.8	4.1	8.3	5.2	1.8
Duration of Vacancy															
Vacant units .....	...	1.2	...	...	...	...	52.9	27.5	...	10.2	4.8	2.0	8.3	4.9	1.5
Less than 1 month vacant .....	...	.3	...	...	...	...	9.2	5.9	...	1.2	1.4	.5	.2	.5	...
1 month up to 2 months .....	...	-	...	...	...	...	5.9	3.7	...	.2	1.4	.3	.4	.3	...
2 months up to 6 months .....	...	-	...	...	...	...	14.1	7.9	...	4.4	.5	.2	1.0	.6	...
6 months up to 1 year .....	...	.2	...	...	...	...	6.4	4.0	...	1.1	.1	.2	1.0	.1	...
1 year up to 2 years .....	...	-	...	...	...	...	5.2	2.2	...	1.1	.4	.4	1.3	.3	...
2 years or more .....	...	.7	...	...	...	...	6.5	1.8	...	.5	.2	.5	3.5	-	...
Never occupied .....	...	-	...	...	...	...	2.6	.5	...	1.2	.7	-	.2	2.4	...
Don't know .....	...	-	...	...	...	...	3.0	1.4	...	.5	.3	-	.7	.5	...
Last Used as a Permanent Residence															
Vacant seasonal .....	...	1.4	...	...	...	...	...	...	...	...	...	...	...	-	-
Less than 1 month since occupied as permanent home .....	...	-	...	...	...	...	...	...	...	...	...	...	...	-	-
1 month up to 2 months .....	...	-	...	...	...	...	...	...	...	...	...	...	...	-	-
2 months up to 6 months .....	...	-	...	...	...	...	...	...	...	...	...	...	...	-	-
6 months up to 1 year .....	...	-	...	...	...	...	...	...	...	...	...	...	...	-	-
1 year up to 2 years .....	...	-	...	...	...	...	...	...	...	...	...	...	...	-	-
2 years or more .....	...	.5	...	...	...	...	...	...	...	...	...	...	...	-	-
Never occupied as permanent home .....	...	.3	...	...	...	...	...	...	...	...	...	...	...	-	-
Don't know .....	...	-	...	...	...	...	...	...	...	...	...	...	...	-	-
Not reported .....	...	.5	...	...	...	...	...	...	...	...	...	...	...	-	-
Homes Currently for Sale or Rent															
Up for rent only .....	...	...	...	...	.2	...	26.2	25.4	...	-	-	.9	-	.7	-
Up for rent or for sale .....	...	...	...	...	-	...	2.3	2.1	...	-	-	.2	-	.2	-
For sale only .....	...	...	...	...	9.5	...	10.4	-	...	10.2	-	.2	-	2.9	1.4
Rented, but not yet occupied by leased tenants .....	...	...	...	...	.2	...	1.4	-	...	-	1.4	-	-	-	-
Sold, but not yet occupied by owners .....	...	...	...	...	.3	...	3.5	-	...	-	3.5	-	-	1.2	-
Not on the market .....	...	...	...	...	421.0	...	11.2	-	...	-	-	2.9	8.3	33.9	16.2
Not reported .....	...	...	...	...	12.0	...	-	-	...	-	-	-	-	.2	-

¹For mobile home, oldest category is 1939 or earlier.
²If occupied year-round, assumed to be suitable for year-round use.

Table 1-2. 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	Seasonal	Year-round											New construction 4 yrs	Mobile homes	
			Total	Occupied			Vacant					Other vacant				
				Total	Owner	Renter	Total	For rent	Rental vacancy rate	For sale only	Rent-ed or sold		Occa-sional use/ URE			
Total	715.5	1.4	714.1	659.1	443.2	215.9	55.0	27.5	11.2	10.2	4.8	4.1	8.3	41.9	19.9	
Stories in Structure																
1	102.2	.5	101.7	92.3	61.3	31.0	9.3	2.5	7.4	2.2	.5	1.6	2.5	2.9	19.9	
2	350.4	.7	349.7	331.0	248.1	82.9	18.6	7.3	8.0	4.9	2.6	.9	3.0	17.4	-	
3	220.5	.2	220.3	201.7	122.9	78.7	18.6	11.1	12.3	2.9	1.6	1.1	1.9	21.0	-	
4 to 6	29.2	-	29.2	24.4	9.8	14.7	4.8	3.6	19.6	.2	.2	.2	.7	.6	-	
7 or more	13.1	-	13.1	9.6	1.1	8.5	3.5	3.0	26.0	-	-	.4	.2	-	-	
Stories Between Main and Apartment Entrances																
Multiunits, 2 or more floors	142.5	.2	142.3	116.8	9.1	107.6	25.5	20.2	15.7	.4	1.0	1.8	2.1	1.5	...	
None (on same floor)	49.2	-	49.2	42.0	5.8	36.1	7.2	4.9	11.9	.2	.2	1.0	.9	.4	...	
1 (up or down)	53.0	.2	52.8	43.9	1.7	42.2	8.9	7.3	14.7	.2	.2	.4	.9	1.1	...	
2 or more (up or down)	38.6	-	38.6	29.3	1.6	27.8	9.3	7.9	21.7	-	.7	.4	.4	-	...	
Not reported	1.7	-	1.7	1.6	-	1.6	.2	.2	10.2	-	-	-	-	-	...	
Common Stairways																
Multiunits, 2 or more floors	142.5	.2	142.3	116.8	9.1	107.6	25.5	20.2	15.7	.4	1.0	1.8	2.1	1.5	...	
No common stairways	27.6	-	27.6	23.5	5.3	18.3	4.0	2.6	12.6	-	-	.3	1.0	.2	...	
With common stairways	112.9	.2	112.7	92.4	3.8	88.6	20.3	16.8	15.7	.4	1.0	1.4	.7	1.1	...	
No loose steps	100.1	-	100.1	82.4	3.5	79.0	17.7	14.7	15.5	.2	1.0	1.2	.5	.9	...	
Railings not loose	92.3	-	92.3	76.4	3.5	72.9	15.9	13.3	15.2	-	1.0	1.2	.4	.9	...	
Railings loose	3.6	-	3.6	2.5	-	2.5	1.1	.9	26.1	-	-	-	.2	-	...	
No railings	2.9	-	2.9	2.4	-	2.4	.5	.3	12.7	.2	-	-	-	-	...	
Status of railings not reported	1.4	-	1.4	1.2	-	1.2	.2	.2	12.7	-	-	-	-	-	...	
Loose steps	12.6	.2	12.4	9.8	.4	9.4	2.6	2.1	18.0	.2	-	.2	.2	.2	...	
Railings not loose	10.8	-	10.8	8.7	.4	8.3	2.1	1.7	17.2	-	-	.2	.2	.2	...	
Railings loose .....	.9	-	.9	.5	-	.5	.3	.3	38.6	-	-	-	-	-	...
No railings .....	.6	.2	.4	.4	-	.4	-	-	-	-	-	-	-	-	...
Status of railings not reported .....	.4	-	.4	.2	-	.2	.2	-	-	.2	-	-	-	-	...
Status of steps not reported .....	.2	-	.2	.2	-	.2	-	-	-	-	-	-	-	-	...
Status of stairways not reported	2.0	-	2.0	.8	-	.8	1.2	.9	52.5	-	-	-	.4	.2	...	
Light Fixtures in Public Halls																
2 or more units in structure	150.2	.2	150.0	123.4	9.5	113.9	26.6	21.1	15.5	.4	1.0	1.8	2.3	1.7	...	
No public halls	48.7	-	48.7	42.2	5.7	36.5	6.5	5.1	12.2	-	-	.3	1.1	1.0	...	
No light fixtures in public halls .....	.5	-	.5	.4	-	.4	.2	.2	33.8	-	-	-	-	-	...
All in working order	60.7	-	60.7	50.2	3.2	47.0	10.5	8.7	15.5	-	.5	.9	.4	.2	...	
Some in working order	3.0	.2	2.8	2.1	-	2.1	.7	.7	24.9	-	-	-	-	-	...	
None in working order .....	.2	-	.2	-	-	-	.2	-	-	-	-	-	.2	-	...
Unable to determine if working	33.7	-	33.7	26.4	.6	25.8	7.4	5.4	17.1	.4	.5	.5	.5	.5	...	
Not reported	3.4	-	3.4	2.1	-	2.1	1.2	1.0	32.8	-	-	-	.2	-	...	
Elevator on Floor																
Multiunits, 2 or more floors	142.5	.2	142.3	116.8	9.1	107.6	25.5	20.2	15.7	.4	1.0	1.8	2.1	1.5	...	
With 1 or more elevators working	24.6	-	24.6	19.7	1.4	18.3	5.0	4.2	18.8	-	-	.5	.2	-	...	
With elevator, none in working condition	-	-	-	-	-	-	-	-	-	-	-	-	-	-	...	
No elevator	116.6	.2	116.4	96.1	7.8	88.4	20.2	15.7	14.9	.4	1.0	1.2	1.9	1.3	...	
Units 3 or more floors from main entrance	4.7	-	4.7	3.7	.2	3.5	1.1	.7	15.7	-	.3	-	-	-	...	
Foundation																
1 unit bldg. excl. mobile homes	545.5	1.2	544.2	517.7	418.0	99.7	26.5	6.3	5.9	9.6	3.8	1.7	5.1	39.3	...	
With basement under all of building	334.0	.2	333.8	319.8	266.0	53.9	14.0	3.2	5.6	5.5	2.3	.5	2.5	26.1	...	
With basement under part of building	130.1	.4	129.8	124.9	107.3	17.5	4.9	.7	3.8	2.1	1.0	-	1.1	10.1	...	
With crawl space	47.1	.5	46.6	41.7	29.1	12.6	4.9	1.2	8.9	1.4	.3	1.0	.9	.8	...	
On concrete slab	31.7	.2	31.6	28.8	13.7	15.1	2.8	1.2	7.4	.5	.2	.2	.7	2.1	...	
Other	2.5	-	2.5	2.5	1.9	.6	-	-	-	-	-	-	-	.2	...	
External Building Conditions¹																
Sagging roof	9.0	.2	8.9	7.1	3.1	4.0	1.8	.5	11.6	.7	-	.2	.4	-	-	
Missing roofing material	5.0	.2	4.9	3.6	1.7	1.9	1.2	-	-	.9	-	.2	.2	-	-	
Hole in roof .....	.8	-	.8	.8	.4	.4	-	-	-	-	-	-	-	-	-
Could not see roof	18.1	.2	17.9	13.6	1.4	12.2	4.4	3.1	20.4	.2	-	.2	.9	-	-	
Missing bricks, siding, other outside wall material	15.6	.2	15.4	11.9	4.4	7.5	3.5	1.2	14.2	.9	.2	.2	1.1	-	-	
Sloping outside walls	1.0	-	1.0	.8	.4	.4	.2	-	-	-	-	.2	-	-	-	
Boarded up windows	6.3	-	6.3	2.9	1.0	1.9	3.3	.5	20.3	1.1	-	.2	1.6	-	-	
Broken windows	8.7	.2	8.6	5.7	2.9	2.7	2.9	.5	16.0	.7	-	.5	1.2	-	.6	
Bars on windows	5.0	.2	4.8	4.1	1.8	2.3	.7	.4	13.2	.2	-	-	.2	-	-	
Foundation crumbling or has open crack or hole	12.3	.2	12.1	8.9	4.3	4.6	3.2	1.2	20.8	1.1	-	.2	.7	-	.4	
Could not see foundation	6.3	.2	6.1	5.4	2.3	3.1	.7	.2	4.8	.2	-	-	.3	-	-	
None of the above	658.6	.9	657.7	613.8	426.1	187.7	43.9	22.6	10.7	8.1	4.7	3.5	5.0	41.9	18.9	
Could not observe or not reported	6.4	-	6.4	6.0	3.6	2.4	.4	-	-	.2	-	-	.2	-	-	
Site Placement																
Mobile homes	19.9	-	19.9	18.0	15.7	2.3	1.8	-	-	.3	-	.6	.9	.9	19.9	
First site	9.1	-	9.1	8.5	7.5	1.0	.6	-	-	.3	-	.3	-	.3	9.1	
Moved from another site	7.2	-	7.2	6.5	6.5	-	.6	-	-	-	-	-	.6	.3	7.2	
Don't know	2.9	-	2.9	2.6	1.3	1.3	.3	-	-	-	-	-	.3	-	2.9	
Not reported .....	.6	-	.6	.3	.3	-	.3	-	-	-	-	.3	-	.6	..6

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

Table 1-3. 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	Seasonal	Year-round										New construction 4 yrs	Mobile homes	
			Total	Occupied			Vacant								
				Total	Owner	Renter	Total	For rent	Rental vacancy rate	For sale only	Rent- ed or sold	Occa- sional use/ URE			Other vacant
Total	715.5	1.4	714.1	659.1	443.2	215.9	55.0	27.5	11.2	10.2	4.8	4.1	8.3	41.9	19.9
Rooms															
1 room	5.7	-	5.7	3.8	.2	3.6	1.9	1.8	33.0	-	-	-	.2	-	-
2 rooms	5.4	-	5.4	3.1	.2	2.9	2.3	2.1	42.0	-	-	-	.2	.2	-
3 rooms	59.5	.5	59.0	46.9	2.5	44.4	12.0	8.6	16.0	.2	.5	1.0	1.7	.4	.3
4 rooms	107.2	.5	106.7	93.1	32.1	61.0	13.6	7.6	11.0	1.7	.5	.8	2.9	2.2	12.4
5 rooms	158.7	.3	158.3	146.9	88.7	58.2	11.4	5.0	7.8	2.1	1.5	1.6	1.3	6.2	5.2
6 rooms	139.3	-	139.3	133.0	107.5	25.5	6.3	1.6	5.8	3.0	.9	.5	.3	8.9	1.6
7 rooms	116.3	-	116.3	113.0	99.6	13.4	3.3	.4	2.6	1.6	.5	-	.9	8.3	-
8 rooms	70.8	-	70.8	68.5	64.4	4.1	2.3	.5	11.3	.9	.5	.2	.2	8.8	-
9 rooms	31.5	-	31.5	30.4	28.4	1.9	1.1	-	-	.6	-	-	.5	4.4	.3
10 rooms or more	21.1	-	21.1	20.4	19.7	.8	.7	-	-	.2	.3	-	.2	2.4	-
Median	5.7	...	5.7	5.8	6.4	4.4	4.3	3.7	...	5.9	5.4	...	4.2	6.9	4.3
Bedrooms															
None	8.8	-	8.8	5.1	.4	4.7	3.7	3.5	42.7	-	-	-	.2	-	-
1	84.3	.7	83.6	68.2	7.3	60.8	15.5	10.5	14.6	.5	.7	1.5	2.3	1.3	1.6
2	198.9	.7	198.2	178.8	87.8	91.0	19.4	10.3	10.1	3.3	.9	1.4	3.4	4.1	13.2
3	288.7	-	288.7	276.8	228.8	48.0	11.9	2.6	5.1	4.7	2.2	1.2	1.2	19.3	5.1
4 or more	134.7	-	134.7	130.2	118.9	11.2	4.5	.5	4.4	1.7	1.0	-	1.2	17.3	-
Median	2.7	...	2.7	2.8	3.1	2.0	1.9	1.5	...	2.8	2.9	...	2.0	3.3	2.1
Complete Bathrooms															
None	2.5	-	2.5	1.7	.7	1.0	.9	.2	14.9	.2	-	-	.5	-	-
1	304.6	1.4	303.2	264.9	114.4	150.5	38.2	22.8	13.1	4.6	2.3	2.9	5.7	2.9	11.5
1 and one-half	126.3	-	126.3	122.0	92.0	30.0	4.4	1.7	5.4	1.8	.3	.3	.2	1.0	3.1
2 or more	282.0	-	282.0	270.5	236.1	34.4	11.5	2.8	7.5	3.7	2.2	.9	1.9	38.0	5.3
Square Footage of Unit															
Single detached and mobile homes	519.1	1.2	517.9	492.6	421.6	71.0	25.3	4.5	6.0	9.3	3.4	2.4	5.7	37.3	19.9
Less than 500	2.4	-	2.4	1.4	1.2	.2	1.0	.5	72.8	.2	-	.2	.1	.7	-
500 to 749	8.3	.2	8.1	6.8	5.2	1.6	1.3	.2	8.8	.2	.2	.3	.5	.3	3.8
750 to 999	29.5	.5	29.0	26.6	18.1	8.5	2.4	.7	7.6	.9	.2	-	.7	.1	8.3
1,000 to 1,499	85.1	.2	84.9	80.3	71.2	9.1	4.6	-	-	2.2	1.0	.7	.7	5.1	3.3
1,500 to 1,999	79.7	-	79.7	77.6	73.1	4.5	2.1	.7	13.8	.5	.2	.2	.5	6.8	1.6
2,000 to 2,499	57.8	-	57.8	57.0	54.3	2.7	.8	-	-	.4	.3	-	-	6.7	-
2,500 to 2,999	32.1	-	32.1	31.4	30.0	1.3	.7	-	-	.3	.3	-	-	4.8	.3
3,000 to 3,999	35.1	-	35.1	33.9	32.9	.9	1.2	-	-	.3	.4	-	.5	5.9	-
4,000 or more	19.6	-	19.6	18.2	17.4	.8	1.4	-	-	.7	.5	-	.2	4.7	-
Not reported (includes don't know)	169.6	.3	169.3	159.5	118.2	41.3	9.8	2.4	5.6	3.6	.3	1.0	2.4	2.8	1.8
Median	1 810	...	1 813	1 832	1 884	1 248	1 329	...	...	1 376	...	...	1 217	2 358	888
Lot Size															
Less than one-eighth acre	27.6	-	27.6	25.9	21.2	4.6	1.7	.7	13.4	.9	.2	-	-	.8	3.6
One-eighth up to one-quarter acre	84.6	-	84.6	81.7	76.1	5.6	3.0	.9	13.6	1.8	.3	-	-	10.0	1.4
One-quarter up to one-half acre	80.9	-	80.9	77.9	73.3	4.6	3.0	.4	7.2	1.9	.5	.2	-	7.7	.3
One-half up to one acre	39.2	-	39.2	38.4	35.3	3.1	.8	-	-	.4	.4	-	-	3.3	.6
1 to 4 acres	35.4	-	35.4	34.7	30.9	3.8	.7	.5	11.7	-	.2	-	-	2.2	.3
5 to 9 acres	11.9	-	11.9	11.5	10.5	1.0	.3	-	-	.2	.2	-	-	.8	1.0
10 acres or more	23.6	-	23.6	22.9	20.4	2.5	.7	.2	6.5	-	.5	-	-	2.8	1.7
Don't know	236.1	-	236.1	226.8	155.5	71.4	9.3	3.5	4.7	4.0	1.6	.2	-	10.0	8.1
Not reported	17.6	.2	17.5	15.9	10.5	5.5	1.5	.2	3.1	.7	-	.7	-	1.9	1.6
Median .....	.37	...	.37	.37	.37	.38	.28	.21	...	.25	...	...	...	.35	.20

Table 1-4. **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	Seasonal	Year-round											New construction 4 yrs	Mobile homes
			Total	Occupied			Vacant								
				Total	Owner	Renter	Total	For rent	Rental vacancy rate	For sale only	Rent-ed or sold	Occa-sional use/ URE	Other vacant		
Means of Sewage Disposal															
Public sewer -----	639.3	1.1	638.3	587.2	381.2	206.0	51.1	26.8	11.4	9.9	4.0	3.5	7.0	35.8	15.3
Septic tank, cesspool, chemical toilet -----	76.0	.3	75.6	71.9	62.1	9.9	3.7	.7	6.5	.3	.9	.7	1.1	6.1	4.6
Other -----	.2	-	.2	-	-	-	.2	-	...	-	-	-	.2	-	-

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

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Table 1-5. 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	Seasonal	Year-round											New construction 4 yrs	Mobile homes	
			Total	Occupied			Vacant									
				Total	Owner	Renter	Total	For rent	Rental vacancy rate	For sale only	Rent-ed or sold	Occa-sional use/ URE	Other vacant			
Total	715.5	1.4	714.1	659.1	443.2	215.9	55.0	27.5	11.2	10.2	4.8	4.1	8.3	41.9	19.9	
Main House Heating Fuel																
Housing units with heating fuel	712.8	.9	711.9	658.5	443.1	215.5	53.4	27.1	11.1	9.9	4.8	4.1	7.5	41.9	19.9	
Electricity	94.6	.4	94.3	85.3	34.5	50.9	8.9	4.6	8.1	.7	2.0	1.2	.4	9.2	1.2	
Piped gas	574.5	.5	573.9	531.1	378.1	153.0	42.8	22.2	12.6	9.0	2.4	2.6	6.6	29.8	14.1	
Bottled gas	24.3	—	24.3	23.7	18.2	5.5	.7	—	—	—	.2	—	.5	1.0	3.5	
Fuel oil	4.3	—	4.3	4.3	2.9	1.5	—	—	—	—	—	—	—	.2	.3	
Kerosene or other liquid fuel .....	.9	—	.9	.7	.5	.2	.2	—	—	.2	—	—	—	.2	—
Coal or coke	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Wood	10.1	—	10.1	9.8	7.0	2.8	.3	.2	5.3	—	.2	—	—	.8	.3	
Solar energy	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Other	4.0	—	4.0	3.5	1.9	1.6	.5	.2	10.2	—	—	.3	—	.7	.3	
Other House Heating Fuels																
With other heating fuels ¹ .....	...	...	...	88.0	72.1	15.8	...	...	...	...	...	...	...	...	...
Electricity .....	...	...	...	26.6	19.6	7.0	...	...	...	...	...	...	...	...	...
Piped gas .....	...	...	...	5.0	3.1	1.9	...	...	...	...	...	...	...	...	...
Bottled gas .....	...	...	...	2.8	2.1	.7	...	...	...	...	...	...	...	...	...
Fuel oil .....	...	...	...	.4	.4	—	...	...	...	...	...	...	...	...	...
Kerosene or other liquid fuel .....	...	...	...	1.7	1.1	.6	...	...	...	...	...	...	...	...	...
Coal or coke .....	...	...	...	.2	.2	—	...	...	...	...	...	...	...	...	...
Wood .....	...	...	...	52.5	46.1	6.4	...	...	...	...	...	...	...	...	...
Solar energy .....	...	...	...	1.3	1.3	—	...	...	...	...	...	...	...	...	...
Other .....	...	...	...	1.8	1.7	.2	...	...	...	...	...	...	...	...	...
Not reported .....	...	...	...	.8	.6	.2	...	...	...	...	...	...	...	...	...
Cooking Fuel																
With cooking fuel	703.7	.9	702.8	658.2	443.0	215.1	44.7	23.9	9.9	6.9	4.3	3.9	5.7	41.6	19.9	
Electricity	468.7	.7	468.0	442.3	309.0	133.3	25.8	12.8	8.7	4.1	3.6	2.2	3.0	39.0	3.9	
Gas	234.2	.2	234.0	215.1	133.3	81.8	18.9	11.1	11.9	2.8	.7	1.7	2.7	2.5	15.9	
Kerosene or other liquid fuel .....	.2	—	.2	.2	.2	—	—	—	—	—	—	—	—	—	—
Coal or coke	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Wood	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Other .....	.6	—	.6	.6	.6	—	—	—	—	—	—	—	—	—	—
Water Heating Fuel																
With hot piped water	714.9	1.4	713.5	658.9	443.2	215.7	54.6	27.5	11.2	10.2	4.8	4.1	8.0	41.9	19.9	
Electricity	104.5	.5	104.0	96.1	50.1	46.0	7.8	3.7	7.3	1.6	1.0	1.2	.4	8.9	5.8	
Gas	607.0	.9	606.1	559.7	391.2	168.5	46.4	23.4	12.2	8.6	3.8	2.9	7.6	32.8	13.7	
Fuel oil .....	.9	—	.9	.9	.7	.2	—	—	—	—	—	—	—	—	.3
Kerosene or other liquid fuel .....	.4	—	.4	.4	.2	.2	—	—	—	—	—	—	—	—	—
Coal or coke	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Wood	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Solar energy	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Other	2.2	—	2.2	1.8	1.1	.8	.4	.4	31.7	—	—	—	—	.3	—	
Central Air Conditioning Fuel																
With central air conditioning	526.3	—	526.3	495.9	356.6	139.3	30.4	16.3	10.4	5.3	3.9	2.5	2.4	40.1	11.6	
Electricity	507.2	—	507.2	478.2	344.2	134.0	29.0	15.4	10.2	5.1	3.8	2.3	2.4	40.1	10.9	
Gas	18.5	—	18.5	17.1	11.8	5.3	1.4	.9	14.5	.2	.2	.2	—	—	.6	
Other .....	.6	—	.6	.6	.6	—	—	—	—	—	—	—	—	—	—
Clothes Dryer Fuel																
With clothes dryer	536.2	—	536.2	529.0	421.2	107.8	7.2	1.9	1.7	1.2	1.2	1.3	1.5	36.4	14.8	
Electricity	386.7	—	386.7	380.6	294.0	86.6	6.0	1.4	1.6	.9	1.1	1.3	1.3	32.2	13.8	
Gas	149.0	—	149.0	147.8	126.6	21.2	1.2	.5	2.4	.3	.2	—	.2	4.2	1.0	
Other .....	.6	—	.6	.6	.6	—	—	—	—	—	—	—	—	—	—
Units Using Each Fuel¹																
Electricity	689.0	—	689.0	659.1	443.2	215.9	29.9	27.5	11.2	—	1.4	1.1	—	37.6	18.0	
All-electric units	56.0	.4	55.6	50.4	21.0	29.4	5.2	2.8	8.6	.2	1.0	.9	.4	6.4	1.2	
Gas	639.4	—	639.4	612.8	421.8	191.0	26.6	25.0	11.5	—	.9	.7	—	32.4	17.1	
Fuel oil	10.3	—	10.3	8.6	6.1	2.5	1.8	1.8	41.4	—	—	—	—	.6	.3	
Kerosene or other liquid fuel	2.8	—	2.8	2.6	1.8	.8	.2	—	—	.2	—	—	—	.2	—	
Coal or coke .....	.2	—	.2	.2	.2	—	—	—	—	—	—	—	—	—	—
Wood	62.6	—	62.6	62.3	53.1	9.2	.3	.2	1.7	—	.2	—	—	6.1	.6	
Solar energy	1.3	—	1.3	1.3	1.3	—	—	—	—	—	—	—	—	.2	—	
Other	6.6	—	6.6	6.0	3.8	2.2	.7	.4	14.0	—	—	.3	—	.8	.3	

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

Table 1-6. 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	Seasonal	Year-round											New construction 4 yrs	Mobile homes
			Total	Occupied			Vacant								
				Total	Owner	Renter	Total	For rent	Rental vacancy rate	For sale only	Rented or sold	Occasional use/URE	Other vacant		
Total -----	715.5	1.4	714.1	659.1	443.2	215.9	55.0	27.5	11.2	10.2	4.8	4.1	8.3	41.9	19.9
Selected Amenities¹															
Porch, deck, balcony, or patio -----	609.9	1.1	608.9	571.4	410.5	160.9	37.5	15.4	8.7	8.6	4.5	2.9	6.0	39.8	17.0
Not reported -----	2.7	...	2.7	2.5	1.3	1.2	...	...	12.9	...	...	...	...	...	...
Usable fireplace -----	316.1	...	315.7	304.9	258.5	46.4	10.8	2.4	5.0	4.3	2.2	...	1.4	34.5	1.3
Separate dining room -----	373.9	...	373.6	355.0	279.3	75.7	18.5	6.6	7.9	5.2	2.4	1.4	3.0	26.9	2.7
With 2 or more living rooms or recreation rooms, etc. -----	257.5	...	257.4	249.6	226.7	22.9	7.7	1.5	6.3	2.9	1.4	...	1.4	23.7	...
Garage or carport included with home -----	...	...	...	448.0	374.3	73.6	...	...	3.2	4.1	3.3	...	...	37.4	2.9
Not included -----	...	...	...	205.1	64.9	140.2	...	...	24.1	14.6	3.0	1.6	...	2.8	15.5
Offstreet parking included -----	...	...	...	172.7	51.6	121.1	...	...	22.2	15.4	2.6	1.4	...	2.4	12.1
Offstreet parking not reported -----	...	...	...	5.7	3.2	2.5	...	...	...	...	...	...	...	...	...
Garage or carport not reported -----	...	...	...	6.0	4.1	2.0	...	...	...	...	...	...	...	...	...
Owner or Manager on Property															
Rental, multiunit ² -----	...	...	...	...	...	113.9	...	...	21.1	15.5	...	1.0	...	1.5	...
Owner or manager lives on property -----	...	...	...	...	...	50.5	...	...	8.6	14.5	...	...	...	...	...
Neither owner nor manager lives on property -----	...	...	...	...	...	63.3	...	...	12.5	16.4	...	...	...	...	...
Selected Deficiencies¹															
Holes in floors -----	7.1	...	7.0	5.6	2.7	2.9	1.4	...	10.4	...	...	...	...	...	...
Open cracks or holes (interior) -----	44.1	...	43.9	39.1	18.1	21.0	4.8	...	4.6	...	...	...	...	...	...
Broken plaster or peeling paint (interior) -----	33.4	...	33.0	27.5	13.6	13.9	5.5	...	10.8	...	...	...	...	...	...
No electrical wiring -----	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Exposed wiring -----	12.3	...	12.3	10.8	4.8	6.0	1.6	...	8.0	...	...	...	...	...	...
Rooms without electric outlets -----	10.0	...	9.8	8.1	3.6	4.5	1.8	...	7.1	...	...	...	...	...	...
Description of Area Within 300 Feet¹															
Single-family detached houses -----	539.7	1.2	538.5	505.4	391.7	113.6	33.1	12.8	10.1	9.0	3.1	1.8	6.4	35.4	3.6
Only single-family detached -----	311.0	...	310.3	298.3	260.6	37.7	12.1	...	6.1	...	...	...	...	...	...
Single-family attached or 1 to 3 story multiunit -----	181.7	...	181.7	160.5	36.2	124.3	21.2	...	11.3	...	...	...	...	...	...
4 to 6 story multiunit -----	18.7	...	18.5	14.9	1.5	13.4	...	...	3.2	...	...	...	...	...	...
7 stories or more multiunit -----	10.6	...	10.6	7.1	1.0	6.1	...	...	2.8	...	...	...	...	...	...
Mobile homes -----	20.8	...	20.8	19.2	16.2	3.1	...	...	5.3	...	...	...	...	...	...
Commercial, institutional, or industrial -----	94.6	...	94.2	80.8	33.8	47.0	13.4	...	9.8	...	...	...	...	...	...
Residential parking lots -----	72.1	...	71.9	61.0	9.8	51.2	10.9	...	14.3	...	...	...	...	...	...
Body of water -----	19.1	...	18.7	17.0	12.7	4.3	...	...	7.2	...	...	...	...	...	...
Open space, park, woods, farm, or ranch -----	199.9	...	199.6	182.4	119.2	63.1	17.2	...	8.7	...	...	...	...	...	...
4+ lane highway, railroad, or airport -----	44.6	...	44.6	38.6	16.3	22.3	5.9	...	15.4	...	...	...	...	...	...
Other -----	11.3	...	11.3	9.9	5.9	4.0	1.4	...	8.1	...	...	...	...	...	...
Not observed or not reported -----	6	...	6	6	4	2	...	...	...	...	...	...	...	...	...
Age of Other Residential Buildings Within 300 Feet															
Older -----	19.2	...	19.2	16.3	8.5	7.8	2.8	...	18.7	...	...	...	...	...	...
About the same -----	567.6	...	566.7	526.3	358.6	167.7	40.4	...	20.9	...	...	...	...	...	...
Newer -----	18.4	...	18.2	16.1	11.2	4.8	2.1	...	17.5	...	...	...	...	...	...
Very mixed -----	69.5	...	69.2	62.6	40.1	22.5	6.6	...	3.2	...	...	...	...	...	...
No other residential buildings -----	32.5	...	32.5	29.9	21.1	8.8	2.6	...	3.8	...	...	...	...	...	...
Not reported -----	8.4	...	8.4	7.8	3.7	4.2	5	...	3.6	...	...	...	...	...	...
Mobile Homes in Group															
Mobile homes -----	19.9	...	19.9	18.0	15.7	2.3	1.8	...	...	...	...	...	...	...	...
1 to 6 -----	8.2	...	8.2	7.0	5.4	1.7	1.2	...	...	...	...	...	...	...	...
7 to 20 -----	1.2	...	1.2	...	...	...	...	...	...	...	...	...	...	...	...
21 or more -----	10.4	...	10.4	10.1	9.4	...	...	...	...	...	...	...	...	...	...
Other Buildings Vandalized or With Interior Exposed															
None -----	662.8	1.4	661.4	612.5	411.6	200.9	49.0	25.9	11.4	9.3	4.0	3.1	6.7	38.8	15.9
1 building -----	10.2	...	10.2	8.1	3.9	4.2	2.1	...	16.5	...	...	...	...	...	...
More than 1 building -----	5.9	...	5.9	4.8	2.1	2.8	1.1	...	16.3	...	...	...	...	...	...
No buildings within 300 feet -----	29.1	...	29.1	26.8	21.1	5.7	2.2	...	2.9	...	...	...	...	...	...
Not reported -----	7.5	...	7.5	6.9	4.6	2.3	5	...	...	...	...	...	...	...	...
Bars on Windows of Buildings															
With other buildings within 300 feet -----	679.0	1.4	677.5	625.3	417.5	207.8	52.2	27.3	11.5	9.9	4.1	3.3	7.6	39.0	16.9
No bars on windows -----	639.3	1.2	638.1	592.1	398.4	193.7	46.0	23.8	10.9	9.3	4.1	2.9	5.8	38.6	16.6
1 building with bars -----	7.4	...	7.4	6.0	3.7	2.3	1.4	...	23.5	...	...	...	...	...	...
2 or more buildings with bars -----	28.5	...	28.4	23.7	13.1	10.6	4.6	...	19.8	...	...	...	...	...	...
Not reported -----	3.7	...	3.7	3.5	2.4	1.1	...	...	14.0	...	...	...	...	...	...
Condition of Streets															
No repairs needed -----	479.7	...	479.2	449.4	313.1	136.3	29.8	13.4	8.9	7.1	3.3	2.3	3.7	35.0	9.8
Minor repairs needed -----	201.9	...	201.1	180.1	111.4	68.7	21.0	11.9	14.7	2.4	1.4	1.2	4.1	4.3	8.1
Major repairs needed -----	20.7	...	20.7	17.8	11.6	6.3	2.8	1.8	21.4	...	...	...	...	...	...
No streets within 300 feet -----	9.5	...	9.5	8.5	5.1	3.4	1.0	...	4.9	...	...	...	...	...	...
Not reported -----	3.6	...	3.6	3.2	2.1	1.2	...	...	14.4	...	...	...	...	...	...
Trash, Litter, or Junk on Streets or any Properties															
None -----	556.0	...	555.5	525.1	371.4	153.7	30.4	12.5	7.5	6.7	4.0	2.4	4.8	39.2	14.9
Minor accumulation -----	141.3	...	140.6	119.2	63.1	56.1	21.4	13.1	18.9	3.0	...	1.6	2.9	2.2	4.0
Major accumulation -----	14.1	...	14.0	11.2	6.3	4.9	2.8	1.6	24.6	...	...	...	...	...	...
Not reported -----	4.0	...	4.0	3.6	2.5	1.2	...	...	14.5	...	...	...	...	...	...

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.

Table 1-7. **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	Seasonal	Year-round										New construction 4 yrs	Mobile homes		
			Total	Occupied			Vacant									
				Total	Owner	Renter	Total	For rent	Rental vacancy rate	For sale only	Rent-ed or sold	Occa-sional use/ URE			Other vacant	
OWNER HOUSING UNITS—Con.																
Value²																
Less than \$10,000	9.8	...	...	...	...	...	.2	—	...	...	—	6.8
\$10,000 to \$19,999	14.6	...	...	...	...	...	3.0	.2	...	...	—	5.9
\$20,000 to \$29,999	13.9	...	...	...	...	...	.2	—	...	...	.1	6
\$30,000 to \$39,999	24.6	...	...	...	...	...	1.2	—	...	...	.3	2.0
\$40,000 to \$49,999	33.5	...	...	...	...	...	.5	.2	...	...	—	.3
\$50,000 to \$59,999	35.2	...	...	...	...	...	1.4	.4	...	...	—	.3
\$60,000 to \$69,999	53.6	...	...	...	...	...	—	—	...	...	.1	—
\$70,000 to \$79,999	42.6	...	...	...	...	...	.8	—	...	...	1.7	—
\$80,000 to \$99,999	80.1	...	...	...	...	...	.5	—	...	...	5.7	—
\$100,000 to \$119,999	35.4	...	...	...	...	...	.9	—	...	...	3.8	—
\$120,000 to \$149,999	37.9	...	...	...	...	...	.3	—	...	...	7.6	—
\$150,000 to \$199,999	35.7	...	...	...	...	...	.3	—	...	...	10.2	—
\$200,000 to \$249,999	12.3	...	...	...	...	...	—	—	...	...	2.6	—
\$250,000 to \$299,999	5.3	...	...	...	...	...	.7	—	...	...	2.7	—
\$300,000 or more	8.6	...	...	...	...	...	.2	—	...	...	2.6	—
Time shared units	—	—	—	—	—
Median	78 542	...	...	...	...	...	50 351	...	...	...	147 915	11 964
Other Activities on Property³																
Commercial establishment	4.4	...	...	...	...	...	—	—	...	...	—	—
Medical or dental office	—	—	—	—	—
Neither	438.9	...	...	...	...	...	10.2	3.5	...	...	37.3	16.0

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.

Table 2-1. **Introductory Characteristics - Occupied Units**

[Numbers in thousands, except for sample size. **Consistent with the 1990 Census.** ... means not applicable or sample too small. - means zero or rounds to zero.]

Characteristics	Total occupied units	Tenure		Housing unit characteristics				Household characteristics					Selected subareas ¹		
		Owner	Renter	New construction 4 yrs	Mobile homes	Physical problems		Black	Hispanic	Elderly (65+)	Moved in past year	Below poverty level	Area one	Area two	Area three
						Severe	Moderate								
Sample size	3 428	2 308	1 120	197	55	30	118	360	92	699	680	310	910	311	669
Total	659.1	443.2	215.9	36.7	18.0	5.8	22.9	69.4	17.4	134.7	131.9	60.1	176.7	59.2	128.9
Tenure															
Owner occupied	443.2	443.2	...	34.0	15.7	3.5	10.6	30.9	9.6	102.3	44.6	20.4	102.4	35.1	89.2
Percent of all occupied	67.3	100.0	...	92.5	87.2	60.4	46.2	44.6	55.0	75.9	33.8	33.9	58.0	59.3	69.2
Renter occupied	215.9	...	215.9	2.8	2.3	2.3	12.3	38.5	7.8	32.4	87.3	39.7	74.3	24.1	39.6
Race and Origin															
White	574.8	404.8	170.0	34.7	17.4	4.9	16.9	...	13.8	122.2	108.6	41.8	128.7	39.9	123.3
Non-Hispanic	561.0	397.1	163.9	34.5	17.1	4.9	16.2	...	...	120.6	104.2	40.7	123.8	38.4	121.2
Hispanic	13.8	7.7	6.1	.2	.3	—	.7	...	13.8	1.7	4.4	1.2	4.9	1.5	2.1
Black	69.4	30.9	38.5	1.2	—	.2	5.2	69.4	.6	11.1	18.0	16.4	43.1	16.3	3.8
Other	14.9	7.6	7.4	.8	.6	.7	.8	...	3.0	1.3	5.3	1.9	4.9	3.0	1.8
Total Hispanic	17.4	9.6	7.8	.2	.3	.4	.7	.6	17.4	2.6	5.5	1.7	6.2	2.5	2.2
Units in Structure															
1, detached	474.6	405.9	68.7	33.1	...	4.1	16.1	42.6	12.3	96.9	62.3	31.8	115.7	41.9	97.9
1, attached	43.1	12.1	31.0	2.4	...	.4	1.1	5.8	1.5	7.1	13.5	6.2	9.2	5.8	10.7
2 to 4	36.3	5.4	30.9	.6	...	.2	1.9	5.5	1.6	9.9	13.4	5.4	14.0	1.9	4.3
5 to 9	35.2	1.9	33.3	.2	...	.6	1.6	6.6	.3	5.2	16.0	5.1	12.9	1.7	3.7
10 to 19	20.7	.6	20.2	.2	...	.2	.6	3.5	.4	.6	10.8	2.7	7.3	2.5	5.0
20 to 49	14.9	.2	14.7	—	...	.4	.8	3.1	.4	1.9	7.5	1.9	6.9	2.1	2.1
50 or more	16.2	1.4	14.8	—	...	—	.6	2.3	.6	10.3	3.5	5.0	8.8	1.9	3.2
Mobile home or trailer	18.0	15.7	2.3	.3	18.0	—	.3	—	.3	2.7	4.9	2.0	1.7	1.4	1.9
Cooperatives and Condominiums															
Cooperatives	4.3	2.0	2.3	—	—	—	.2	1.0	.2	1.4	1.3	.2	1.2	.8	.6
Condominiums	10.1	8.4	1.8	.6	—	—	—	.8	.2	4.0	1.4	.2	2.9	.2	1.6
Year Structure Built²															
1995 to 1999	4.9	4.3	.6	4.9	.3	.4	.4	.2	.2	.4	4.9	.2	.2	—	1.7
1990 to 1994	43.5	39.5	4.0	31.9	.3	1.0	1.0	1.8	.6	3.5	9.3	1.3	5.6	.7	10.0
1985 to 1989	63.9	44.5	19.4	...	4.0	.6	1.0	2.5	1.1	7.9	15.0	1.8	11.1	2.6	13.2
1980 to 1984	37.1	26.0	11.2	...	2.4	.2	.2	1.3	.7	5.7	6.4	2.6	5.8	1.7	5.6
1975 to 1979	106.9	52.4	54.5	...	3.2	.8	3.4	13.1	3.1	13.6	32.2	12.4	20.4	8.6	23.0
1970 to 1974	64.7	39.4	25.3	...	4.3	.2	1.4	8.5	1.7	12.0	14.6	4.8	13.9	5.9	16.7
1960 to 1969	102.9	75.9	27.0	...	2.6	.4	2.4	9.0	1.9	26.1	14.6	7.4	25.3	10.1	24.1
1950 to 1959	87.8	66.7	21.1	...	1.0	.4	3.4	8.2	2.0	26.8	10.0	7.4	26.2	9.4	17.1
1940 to 1949	45.6	32.3	13.3	...	—	.4	2.7	7.0	1.2	11.7	8.1	5.6	18.3	6.0	8.0
1930 to 1939	29.3	17.6	11.6	...	—	.2	1.2	7.1	1.7	7.8	5.1	4.8	15.9	5.5	2.9
1920 to 1929	28.6	18.7	9.9	...	—	.4	2.0	5.6	1.0	8.4	5.4	4.5	17.2	2.5	2.7
1919 or earlier	43.9	26.0	17.9	...	—	1.0	3.7	4.9	2.1	10.9	6.5	7.3	16.7	6.4	3.9
Median	1969	1968	1971	...	1977	1975	1955	1962	1964	1961	1975	1961	1958	1960	1972
Selected Geographic Areas															
Cass County	28.3	21.5	6.8	2.9	2.5	—	.8	.2	.2	4.6	4.3	2.8	—	—	—
Clay County	62.4	42.9	19.4	3.4	1.6	—	1.7	1.4	1.8	13.2	12.9	4.0	29.6	—	—
Jackson County	264.3	164.4	99.9	10.6	3.0	2.5	10.5	45.8	7.7	57.7	52.7	31.7	135.4	—	128.9
Platte County	29.2	20.3	8.9	1.9	1.3	.8	.8	.8	.6	4.8	6.3	1.3	11.6	—	—
Johnson County	154.6	114.1	40.5	13.5	2.3	1.4	5.1	2.4	4.0	25.6	32.1	4.5	—	—	—
Leavenworth County	21.9	13.8	8.0	1.6	1.1	.4	.6	2.5	.4	2.3	4.6	2.0	—	—	—
Wyandotte County	63.6	39.0	24.6	.7	2.0	.7	2.5	16.3	2.6	15.3	13.8	10.9	—	59.2	—

¹See back cover for details.

²For mobile home, oldest category is 1939 or earlier.

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 occupied units	Tenure		Housing unit characteristics				Household characteristics					Selected subareas ¹		
		Owner	Renter	New construction 4 yrs	Mobile homes	Physical problems		Black	Hispanic	Elderly (65+)	Moved in past year	Below poverty level	Area one	Area two	Area three
						Severe	Moderate								
Total	659.1	443.2	215.9	36.7	18.0	5.8	22.9	69.4	17.4	134.7	131.9	60.1	176.7	59.2	128.9
Stories in Structure															
1	92.3	61.3	31.0	2.2	18.0	.8	3.2	6.2	2.4	23.5	19.1	10.0	14.6	10.5	16.1
2	331.0	248.1	82.9	15.8	—	1.6	10.5	32.1	7.8	71.2	53.6	26.1	76.0	29.9	80.9
3	201.7	122.9	78.7	18.2	—	3.2	7.3	25.7	5.8	28.8	49.0	16.5	64.8	16.1	27.5
4 to 6	24.4	9.8	14.7	.6	—	.2	1.5	4.2	.8	7.3	8.3	4.8	15.2	1.1	3.2
7 or more	9.6	1.1	8.5	—	—	—	.4	1.2	.6	3.8	1.9	2.7	6.0	1.5	1.1
Stories Between Main and Apartment Entrances															
Multiunits, 2 or more floors	116.8	9.1	107.6	.8	—	1.3	5.2	20.2	3.2	24.4	49.3	19.0	49.7	9.4	17.1
None (on same floor)	42.0	5.8	36.1	.2	—	.2	1.9	5.6	1.5	11.1	14.5	3.6	15.8	3.5	4.8
1 (up or down)	43.9	1.7	42.2	.6	—	.6	2.2	9.9	.5	5.2	21.8	8.4	17.4	2.7	6.7
2 or more (up or down)	29.3	1.6	27.8	—	—	.5	1.2	4.3	1.0	7.7	12.3	7.0	15.4	3.2	5.4
Not reported	1.6	—	1.6	—	—	—	—	.4	.2	.4	.8	—	1.2	—	.2
Common Stairways															
Multiunits, 2 or more floors	116.8	9.1	107.6	.8	—	1.3	5.2	20.2	3.2	24.4	49.3	19.0	49.7	9.4	17.1
No common stairways	23.5	5.3	18.3	.2	—	.4	1.5	3.3	1.0	5.7	6.6	3.5	9.3	1.9	3.6
With common stairways	92.4	3.8	88.6	.6	—	.9	3.7	16.7	2.3	18.5	42.6	15.5	39.7	7.5	13.4
No loose steps	82.4	3.5	79.0	.4	—	.6	3.5	15.6	2.1	15.9	38.3	14.6	35.5	7.1	11.9
Railings not loose	76.4	3.5	72.9	.4	—	.6	2.9	13.5	2.1	14.9	35.8	13.2	31.9	6.5	11.3
Railings loose	2.5	—	2.5	—	—	—	.2	1.2	—	.2	1.1	.6	1.4	.4	.2
No railings	2.4	—	2.4	—	—	—	.4	.6	—	.6	1.0	.6	1.8	—	.2
Status of railings not reported	1.2	—	1.2	—	—	—	—	.4	—	.2	.4	.2	.4	.2	.2
Loose steps	9.8	.4	9.4	.2	—	.4	.2	1.1	.2	2.6	4.3	.9	4.3	.4	1.3
Railings not loose	8.7	.4	8.3	.2	—	.4	.2	.9	.2	2.4	3.9	.8	3.7	.4	1.3
Railings loose	.5	—	.5	—	—	—	—	.2	—	—	—	.2	.2	—	—
No railings	.4	—	.4	—	—	—	—	—	—	—	.4	—	.4	—	—
Status of railings not reported	.2	—	.2	—	—	—	—	—	—	.2	—	—	—	—	—
Status of steps not reported	.2	—	.2	—	—	—	—	—	—	—	—	—	—	—	.2
Status of stairways not reported	.8	—	.8	—	—	—	—	.2	—	.2	.2	—	.8	—	—
Light Fixtures in Public Halls															
2 or more units in structure	123.4	9.5	113.9	1.0	—	1.3	5.4	21.0	3.2	28.0	51.3	20.1	49.9	10.2	18.4
No public halls	42.2	5.7	36.5	.6	—	.4	1.3	6.4	1.4	10.1	15.4	5.4	13.0	3.5	6.9
No light fixtures in public halls	.4	—	.4	—	—	—	—	—	—	—	.2	—	.2	—	—
All in working order	50.2	3.2	47.0	.2	—	.4	1.8	8.4	1.2	14.1	19.8	9.7	24.7	2.6	7.5
Some in working order	2.1	—	2.1	—	—	—	.2	.4	—	.2	1.3	.4	1.0	.2	.4
None in working order	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unable to determine if working	26.4	.6	25.8	.2	—	.6	1.8	5.2	.7	3.0	13.6	4.4	9.5	3.4	3.4
Not reported	2.1	—	2.1	—	—	—	.4	.6	—	.6	1.0	.2	1.6	.2	.2
Elevator on Floor															
Multiunits, 2 or more floors	116.8	9.1	107.6	.8	—	1.3	5.2	20.2	3.2	24.4	49.3	19.0	49.7	9.4	17.1
With 1 or more elevators working	19.7	1.4	18.3	—	—	.2	.8	2.9	.6	11.6	4.2	6.6	12.3	1.9	3.4
With elevator, none in working condition	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
No elevator	96.1	7.8	88.4	.8	—	1.1	4.4	16.9	2.6	12.6	44.9	12.4	36.5	7.5	13.7
Units 3 or more floors from main entrance	3.7	.2	3.5	—	—	.2	.6	.2	—	—	2.1	.6	1.6	—	.8
Foundation															
1 unit bldg. excl. mobile homes	517.7	418.0	99.7	35.4	—	4.5	17.2	48.4	13.8	104.0	75.8	38.0	125.0	47.7	108.6
With basement under all of building	319.8	266.0	53.9	23.6	—	2.3	12.4	33.9	7.6	65.1	44.4	21.9	93.4	29.9	61.3
With basement under part of building	124.9	107.3	17.5	9.1	—	1.1	2.1	8.1	4.2	21.9	16.5	8.1	19.0	9.8	33.1
With crawl space	41.7	29.1	12.6	.6	—	.8	2.0	1.7	1.1	11.5	6.6	3.6	5.8	3.9	8.1
On concrete slab	28.8	13.7	15.1	2.0	—	.2	.6	4.7	1.0	4.9	7.6	4.2	6.4	4.1	5.8
Other	2.5	1.9	.6	.2	—	—	.2	—	—	.6	.6	.2	.4	—	.2
External Building Conditions²															
Sagging roof	7.1	3.1	4.0	—	—	.4	1.2	1.5	.4	1.2	2.0	1.8	3.4	.4	2.4
Missing roofing material	3.6	1.7	1.9	—	—	.2	.6	.7	—	.4	1.0	.4	1.4	.4	.6
Hole in roof	.8	.4	.4	—	—	—	—	.2	—	—	—	—	—	.2	.4
Could not see roof	13.6	1.4	12.2	—	—	—	1.1	3.9	.5	1.5	5.1	2.9	9.1	1.1	1.5
Missing bricks, siding, other outside wall material	11.9	4.4	7.5	—	—	.4	1.2	2.2	.4	1.2	3.7	3.3	5.3	2.4	2.3
Sloping outside walls	.8	.4	.4	—	—	—	—	.4	—	—	.2	.2	.2	.2	.2
Boarded up windows	2.9	1.0	1.9	—	—	.2	—	.9	.2	.2	1.0	.8	2.2	.2	.4
Broken windows	5.7	2.9	2.7	—	—	—	.4	1.2	.2	.8	1.2	1.0	2.4	.9	1.4
Bars on windows	4.1	1.8	2.3	—	—	—	.4	2.7	—	1.2	1.2	1.7	3.3	.8	—
Foundation crumbling or has open crack or hole	8.9	4.3	4.6	—	.4	.6	1.0	1.9	.6	1.4	1.9	2.5	5.3	.4	1.8
Could not see foundation	5.4	2.3	3.1	—	—	—	.8	1.0	.2	1.0	1.9	.8	2.4	.6	1.5
None of the above	613.8	426.1	187.7	36.7	17.7	4.6	18.9	58.7	15.5	127.8	119.4	50.5	155.9	52.6	121.0
Could not observe or not reported	6.0	3.6	2.4	—	—	.4	.2	.8	.2	1.1	1.7	.9	2.0	.4	1.3
Site Placement															
Mobile homes	18.0	15.7	2.3	.3	18.0	—	.3	—	.3	2.7	4.9	2.0	1.7	1.4	1.9
First site	8.5	7.5	1.0	.3	8.5	—	—	—	—	2.0	2.6	1.0	.7	—	.9
Moved from another site	6.5	6.5	—	—	6.5	—	—	—	.3	.7	.7	.7	.3	.3	1.0
Don't know	2.6	1.3	1.3	—	2.6	—	.3	—	—	1.6	—	—	.7	1.0	—
Not reported	.3	.3	—	—	.3	—	—	—	—	—	—	.3	—	—	—
Previous Occupancy															
Unit built 1980 or later	144.6	110.0	34.6	31.9	6.7	1.7	2.2	5.7	2.4	17.1	30.7	5.7	22.6	5.0	28.8
Not previously occupied	74.7	72.0	2.8	31.1	3.0	1.3	1.3	2.7	.8	8.6	9.9	1.9	7.9	1.3	18.0
Not reported	2.6	2.1	.5	.4	.3	—	—	—	—	.4	.6	—	.6	.2	.4

¹See back cover for details.²Figures may not add to total because more than one category may apply to a unit.

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 occupied units	Tenure		Housing unit characteristics				Household characteristics					Selected subareas ¹		
		Owner	Renter	New construction 4 yrs	Mobile homes	Physical problems		Black	Hispanic	Elderly (65+)	Moved in past year	Below poverty level	Area one	Area two	Area three
						Severe	Moderate								
Total	659.1	443.2	215.9	36.7	18.0	5.8	22.9	69.4	17.4	134.7	131.9	60.1	176.7	59.2	128.9
Rooms															
1 room	3.8	2	3.6	-	-	.2	.2	6	.2	1.4	1.6	1.0	1.4	.8	1.1
2 rooms	3.1		2.9	.2	-	-	.2	6	-	.8	1.3	.8	1.7	.4	.2
3 rooms	46.9	2.5	44.4	.2	.3	.8	1.5	7.7	1.1	14.0	18.5	10.5	18.7	5.4	8.2
4 rooms	93.1	32.1	61.0	.9	10.9	.8	4.4	12.1	2.2	17.6	30.5	13.4	26.8	10.5	18.0
5 rooms	146.9	88.7	58.2	5.6	4.9	.6	5.3	18.7	3.3	33.5	31.0	14.9	40.5	17.9	33.3
6 rooms	133.0	107.5	25.5	8.2	1.6	.7	4.2	13.3	5.2	29.0	19.2	10.9	38.6	11.9	25.7
7 rooms	113.0	99.6	13.4	7.5	-	1.6	4.0	9.3	2.6	21.8	13.6	5.0	25.8	7.8	22.5
8 rooms	68.5	64.4	4.1	8.1	-	.4	1.7	4.8	1.7	9.5	8.6	2.1	13.6	3.3	10.2
9 rooms	30.4	28.4	1.9	3.9	.3	.2	.9	1.4	.6	4.2	4.0	1.0	4.8	.4	4.6
10 rooms or more	20.4	19.7	.8	2.1	-	.2	.5	1.0	.4	2.9	3.5	.6	4.6	.7	5.0
Median	5.8	6.4	4.4	6.9	4.3	6.3	5.5	5.2	5.9	5.5	5.0	4.8	5.5	5.2	5.6
Bedrooms															
None	5.1	4	4.7	-	-	.2	.2	8	2	1.6	1.9	1.0	2.0	1.0	1.3
1	68.2	7.3	60.8	.6	1.3	.8	2.6	9.6	1.7	18.8	26.0	13.2	27.4	7.5	10.2
2	178.8	87.8	91.0	2.9	12.0	1.5	8.0	25.6	5.0	41.6	48.6	21.9	54.8	22.9	33.4
3	276.8	228.8	48.0	17.3	4.7	2.1	8.5	25.3	7.6	54.4	37.4	17.8	67.9	20.6	59.0
4 or more	130.2	118.9	11.2	15.9	-	1.2	3.5	8.0	2.9	18.3	17.9	6.3	24.6	7.1	24.9
Median	2.8	3.1	2.0	3.4	2.1	2.7	2.6	2.4	2.7	2.6	2.3	2.2	2.6	2.4	2.8
Complete Bathrooms															
None	1.7	.7	1.0	-	-	.4	-	-	-	4	2	.6	6	-	6
1	264.9	114.4	150.5	1.8	10.0	2.7	12.4	42.3	8.3	60.8	68.7	40.7	87.7	37.4	47.3
1 and one-half	122.0	92.0	30.0	1.0	3.1	.4	5.3	14.5	4.6	28.9	19.7	7.9	36.5	9.5	27.7
2 or more	270.5	236.1	34.4	33.9	5.0	2.3	5.2	12.6	4.5	44.6	43.2	11.0	51.9	12.3	53.3
Square Footage of Unit															
Single detached and mobile homes	492.6	421.6	71.0	33.4	18.0	4.1	16.4	42.6	12.7	99.6	67.1	33.8	117.5	43.3	99.8
Less than 500	1.4	1.2	.2	.1	.7	-	-	-	-	.7	-	-	.2	.3	.5
500 to 749	6.8	5.2	1.6	.2	3.2	.2	.5	2	.3	1.3	1.9	1.2	6	4	1.9
750 to 999	26.6	18.1	8.5	.1	8.0	.2	1.0	9	-	5.5	5.5	1.7	6.0	3.0	6.5
1,000 to 1,499	80.3	71.2	9.1	4.6	2.7	.2	1.5	3.4	1.8	15.9	10.2	4.2	14.4	4.9	24.4
1,500 to 1,999	77.6	73.1	4.5	6.4	1.6	.2	2.9	1.8	2.1	11.2	10.0	1.3	14.5	2.6	18.3
2,000 to 2,499	57.0	54.3	2.7	6.3	-	1.4	1.2	1.3	1.0	10.2	6.9	2.3	10.3	1.5	11.4
2,500 to 2,999	31.4	30.0	1.3	4.4	.3	.4	.4	1.3	.5	3.8	2.7	.6	5.6	1.1	6.8
3,000 to 3,999	33.9	32.9	.9	5.2	4.0	.4	.4	4	.5	4.0	6.4	1.2	6.2	.6	4.5
4,000 or more	18.2	17.4	.8	4.0	-	.9	.6	6	.2	4.1	3.0	.6	2.9	.8	3.2
Not reported (includes don't know)	159.5	118.2	41.3	2.1	1.5	.9	8.0	32.6	6.3	43.0	20.4	20.7	56.8	28.0	22.3
Median	1 832	1 884	1 248	2 342	888	...	1 710	1 620	1 746	1 721	1 781	1 433	1 815	1 394	1 649
Lot Size															
Less than one-eighth acre	25.9	21.2	4.6	.8	3.6	-	1.0	3.4	1.3	7.3	3.3	2.2	8.5	3.9	3.4
One-eighth up to one-quarter acre	81.7	76.1	5.6	9.1	1.4	.4	2.5	3.3	2.8	17.2	8.7	3.2	19.0	6.1	20.4
One-quarter up to one-half acre	77.9	73.3	4.6	6.6	.3	.2	2.0	1.2	1.7	21.6	7.0	2.5	12.9	4.1	17.4
One-half up to one acre	38.4	35.3	3.1	3.1	.6	.2	1.7	1.1	.4	7.8	4.9	1.9	7.3	3.0	8.1
1 to 4 acres	34.7	30.9	3.8	2.0	.3	.6	.7	1.1	.5	5.2	4.9	.8	3.5	2.1	5.5
5 to 9 acres	11.5	10.5	1.0	8	1.0	.6	8	-	-	1.9	.8	.2	4.8	.4	2.2
10 acres or more	22.9	20.4	2.5	2.6	1.7	.4	.7	2	.2	6.1	2.2	1.7	4.4	.2	3.8
Don't know	226.8	155.5	71.4	9.1	7.8	2.1	7.3	35.8	6.7	36.9	45.0	26.9	71.1	27.4	45.6
Not reported	15.9	10.5	5.5	1.5	1.2	-	.8	2.1	.6	2.7	3.8	.6	3.3	1.9	4.1
Median .....	.37	.37	.38	.35	.20	...	.41	.19	.22	.35	.39	.33	.24	.25	.34
Persons Per Room															
0.50 or less	477.0	335.3	141.7	28.4	12.7	3.5	15.1	45.7	9.5	126.1	87.4	37.5	129.1	39.2	92.3
0.51 to 1.00	174.2	104.2	70.0	8.2	4.3	2.3	7.6	21.9	7.3	8.2	41.6	20.8	45.0	17.5	36.1
1.01 to 1.50	7.0	3.7	3.3	.2	.7	-	-	1.6	.4	.4	2.4	1.5	2.1	2.2	.4
1.51 or more .....	.9	-	.9	-	.3	-	.2	.2	.2	-	.4	.4	.4	.3	.2
Square Feet Per Person															
Single detached and mobile homes	492.6	421.6	71.0	33.4	18.0	4.1	16.4	42.6	12.7	99.6	67.1	33.8	117.5	43.3	99.8
Less than 200	4.4	2.5	1.9	.1	1.4	-	.2	.2	-	.6	1.2	1.1	.8	.5	.7
200 to 299	16.6	12.6	4.1	.4	2.4	.4	.6	.6	1.1	.9	2.9	1.1	3.4	1.4	4.5
300 to 399	28.4	25.2	3.2	.9	3.5	-	1.8	1.1	.9	2.0	4.4	.6	3.9	1.9	8.5
400 to 499	37.8	33.0	4.8	3.1	2.6	.8	.6	1.0	.6	2.6	5.7	1.1	8.0	1.6	9.9
500 to 599	34.6	31.3	3.3	2.9	1.7	-	.4	.2	1.5	2.7	3.4	.8	4.4	.5	9.7
600 to 699	40.8	39.1	1.7	4.2	.6	.2	1.4	1.5	.6	6.0	6.1	1.2	6.5	1.6	9.6
700 to 799	30.0	27.5	2.5	3.6	1.6	.2	.3	1.4	.3	5.8	3.7	.8	5.6	1.5	7.7
800 to 899	23.5	21.1	2.4	2.4	.7	.4	.8	.4	.4	5.4	4.1	.8	4.2	1.8	4.3
900 to 999	20.1	18.9	1.2	1.6	1.1	.4	.6	.6	.2	3.3	3.0	.8	3.5	.8	4.6
1,000 to 1,499	55.9	52.8	3.0	7.0	.3	.4	.4	1.9	.6	13.5	7.3	3.0	10.3	2.2	10.8
1,500 or more	41.1	39.4	1.8	5.1	.6	.4	1.4	1.1	.2	13.8	5.0	1.9	10.0	1.4	7.1
Not reported	159.5	118.2	41.3	2.1	1.5	.9	8.0	32.6	6.3	43.0	20.4	20.7	56.8	28.0	22.3
Median	713	729	530	818	438	...	645	730	542	969	696	785	759	698	657

¹See back cover for details.

Table 2-4. **Selected Equipment and Plumbing - 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 occupied units	Tenure		Housing unit characteristics				Household characteristics					Selected subareas ¹		
		Owner	Renter	New construction 4 yrs	Mobile homes	Physical problems		Black	Hispanic	Elderly (65+)	Moved in past year	Below poverty level	Area one	Area two	Area three
						Severe	Moderate								
Source of Drinking Water															
Primary source not safe to drink ³ -----	15.9	9.9	6.0	.1	--	.4	1.6	1.3	.8	3.1	4.3	2.4	6.6	.5	2.5
Drinking and primary water source the same -----	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Public or private system -----	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Individual well -----	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Spring -----	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cistern -----	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Stream or lake -----	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Other -----	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Drinking and primary water source different -----	10.0	5.7	4.3	.1	--	--	1.0	1.1	.6	2.4	2.6	.8	4.5	.5	1.4
Public or private system -----	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Individual well -----	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Spring -----	.2	.2	--	--	--	--	--	--	--	.2	--	--	--	--	--
Cistern -----	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Stream or lake -----	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Commercial bottled water -----	6.2	3.3	2.9	--	--	--	.6	.9	.6	1.4	1.6	.4	3.0	.3	.6
Other -----	3.5	2.2	1.3	.1	--	--	.4	.2	--	.8	1.1	.4	1.5	.2	.8
Source of water not reported -----	5.9	4.2	1.7	--	--	.4	.6	.2	.2	.7	1.7	1.6	2.2	--	1.1
Means of Sewage Disposal															
Public sewer -----	587.2	381.2	206.0	31.6	14.3	4.2	20.6	68.8	17.2	120.6	124.8	56.5	171.7	53.9	117.6
Septic tank, cesspool, chemical toilet -----	71.9	62.1	9.9	5.2	3.7	1.6	2.3	.6	.2	14.1	7.1	3.7	5.0	5.3	11.3
Other -----	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

¹See back cover for details.

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

³Excludes units where primary source of drinking water is commercial bottled water.

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 occupied units	Tenure		Housing unit characteristics				Household characteristics					Selected subareas ¹		
		Owner	Renter	New construction 4 yrs	Mobile homes	Physical problems		Black	Hispanic	Elderly (65+)	Moved in past year	Below poverty level	Area one	Area two	Area three
						Severe	Moderate								
Total	659.1	443.2	215.9	36.7	18.0	5.8	22.9	69.4	17.4	134.7	131.9	60.1	176.7	59.2	128.9
Main House Heating Fuel															
Housing units with heating fuel	658.5	443.1	215.5	36.7	18.0	5.8	22.7	69.0	17.4	134.5	131.7	60.0	176.1	59.2	128.9
Electricity	85.3	34.5	50.9	7.5	1.2	1.2	3.3	12.3	2.5	14.3	30.9	7.6	18.9	5.6	16.2
Piped gas	531.1	378.1	153.0	26.9	12.9	3.6	18.3	55.9	14.3	112.0	94.7	48.9	153.8	52.3	107.2
Bottled gas	23.7	18.2	5.5	.7	3.2	.4	.8	.2	.2	5.1	2.7	1.5	.2	.4	3.4
Fuel oil	4.3	2.9	1.5	.2	.3	.2	—	.2	.2	.6	.6	.6	.6	.6	.2
Kerosene or other liquid fuel .....	.7	.5	.2	.2	—	—	—	—	—	—	—	—	—	—	.4
Coal or coke	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Wood	9.8	7.0	2.8	.8	.3	.2	.4	.4	—	1.9	1.9	.9	1.0	.2	.4
Solar energy	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other	3.5	1.9	1.6	.4	—	.2	—	—	.2	.6	.8	.4	1.6	.2	1.1
Other House Heating Fuels															
With other heating fuels ²	88.0	72.1	15.8	7.4	1.0	1.0	3.0	7.2	3.1	12.9	11.6	3.2	17.1	5.4	17.0
Electricity	26.6	19.6	7.0	1.0	.7	—	1.5	4.2	1.1	5.8	2.9	2.1	7.5	3.2	4.0
Piped gas	5.0	3.1	1.9	.5	—	—	.2	.5	.2	.6	1.5	—	1.3	.2	.9
Bottled gas	2.8	2.1	.7	.4	.3	.2	—	—	—	.2	.4	.2	—	—	—
Fuel oil .....	.4	.4	—	—	—	—	.2	—	—	—	—	—	.2	.2	—
Kerosene or other liquid fuel	1.7	1.1	.6	—	—	—	.4	—	.2	.2	—	.2	.2	—	.6
Coal or coke .....	.2	.2	—	—	—	—	—	—	—	—	—	—	—	—	—
Wood	52.5	46.1	6.4	5.3	.3	.8	1.1	2.5	1.7	6.5	6.9	.8	7.4	2.1	12.0
Solar energy	1.3	1.3	—	.2	—	—	—	—	—	—	—	—	.2	—	.2
Other	1.8	1.7	.2	.1	—	—	—	—	—	.4	.3	—	.8	—	.1
Not reported .....	.8	.6	.2	.2	—	—	—	—	—	.2	.1	—	—	—	—
Cooking Fuel															
With cooking fuel	658.2	443.0	215.1	36.7	18.0	5.6	22.3	69.2	17.4	134.5	131.3	59.8	176.5	59.1	128.7
Electricity	442.3	309.0	133.3	34.8	3.6	3.7	10.0	33.2	9.8	83.5	87.1	27.7	95.8	26.8	94.4
Piped gas	203.2	124.7	78.5	1.5	11.5	1.6	12.0	35.8	7.4	47.2	43.2	30.6	80.5	31.8	32.2
Bottled gas	11.9	8.6	3.3	.4	2.9	.2	.4	.2	—	3.5	1.1	1.3	.2	.2	1.7
Kerosene or other liquid fuel .....	.2	.2	—	—	—	—	—	—	—	—	—	—	—	—	—
Coal or coke	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Wood	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Solar energy	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other .....	.6	.6	—	—	—	.2	—	—	.2	.2	—	.2	—	.2	.4
Water Heating Fuel															
With hot piped water	658.9	443.2	215.7	36.7	18.0	5.6	22.9	69.4	17.4	134.7	131.7	60.1	176.7	59.2	128.7
Electricity	96.1	50.1	46.0	7.4	5.5	.8	3.4	8.6	1.3	16.6	27.9	8.2	15.3	7.5	17.7
Piped gas	541.1	376.7	164.5	28.1	9.3	4.2	19.1	60.6	15.9	113.6	101.3	50.1	161.0	51.2	107.6
Bottled gas	18.6	14.5	4.1	.9	2.9	.4	.4	.2	.2	3.9	2.4	1.7	.2	.4	1.8
Fuel oil .....	.9	.7	.2	—	.3	—	—	—	—	—	—	.2	—	—	.2
Kerosene or other liquid fuel .....	.4	.2	.2	—	—	—	—	—	—	—	—	—	—	—	.4
Coal or coke	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Wood	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Solar energy	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other	1.8	1.1	.8	.3	—	.2	—	—	—	.6	.1	—	.2	.2	1.1
Central Air Conditioning Fuel															
With central air conditioning	495.9	356.6	139.3	35.7	11.0	4.4	12.2	40.7	11.5	97.8	95.4	30.5	116.0	32.9	105.6
Electricity	478.2	344.2	134.0	35.7	10.3	4.2	11.7	39.7	10.8	93.9	92.0	29.2	112.0	31.4	103.0
Piped gas	16.0	11.0	5.0	—	.6	.2	.6	1.0	.7	3.6	3.0	1.1	4.0	1.5	2.4
Other	1.7	1.3	.4	—	—	—	—	—	—	.4	.4	.2	—	—	.2
Clothes Dryer Fuel															
With clothes dryer	529.0	421.2	107.8	35.7	14.2	3.7	16.0	40.3	13.6	104.9	81.7	31.2	120.8	43.8	110.6
Electricity	380.6	294.0	86.6	31.5	13.2	2.9	10.5	28.2	10.2	65.3	68.9	22.5	76.0	24.4	79.7
Piped gas	144.9	124.0	21.0	4.0	.6	.8	5.5	11.9	3.4	38.7	12.4	8.1	44.8	19.3	30.5
Other	3.4	3.2	.2	.2	.3	—	—	.2	—	1.0	.4	.6	—	.2	.4
Units Using Each Fuel²															
Electricity	659.1	443.2	215.9	36.7	18.0	5.8	22.9	69.4	17.4	134.7	131.9	60.1	176.7	59.2	128.9
All-electric units	50.4	21.0	29.4	5.4	1.2	.6	1.9	4.9	.4	9.0	18.4	3.7	7.7	3.0	9.9
Piped gas	582.5	398.4	184.1	30.5	13.5	4.4	20.2	65.2	16.8	120.6	113.1	54.4	171.2	55.6	115.7
Bottled gas	30.3	23.4	6.9	1.6	3.6	.8	.8	.2	.4	6.0	3.4	2.6	.2	.6	4.3
Fuel oil	8.6	6.1	2.5	.6	.3	.6	.4	.4	.2	1.1	1.4	.9	1.8	.8	1.3
Kerosene or other liquid fuel	2.6	1.8	.8	.2	—	—	.4	—	.2	.2	—	.2	.2	—	1.0
Coal or coke .....	.2	.2	—	—	—	—	—	—	—	—	—	—	—	—	—
Wood	62.3	53.1	9.2	6.1	.6	.9	1.5	2.8	1.7	8.4	8.9	1.7	8.4	2.3	12.4
Solar energy	1.3	1.3	—	.2	—	—	—	—	—	—	—	—	.2	—	.2
Other	6.0	3.8	2.2	.5	—	.4	—	—	.4	1.1	1.1	.6	2.4	.4	1.2

¹See back cover for details.

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

Table 2-10. Previous Unit of Recent Movers - Occupied Units

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

Characteristics	Total occupied units	Tenure		Housing unit characteristics				Household characteristics					Selected subareas ¹		
		Owner	Renter	New construction 4 yrs	Mobile homes	Physical problems		Black	Hispanic	Elderly (65+)	Moved in past year	Below poverty level	Area one	Area two	Area three
						Severe	Moderate								
UNITS WHERE HOUSEHOLDER MOVED DURING PAST YEAR															
Total	131.9	44.6	87.3	13.0	4.9	1.5	5.5	18.0	5.5	7.6	131.9	16.8	38.3	13.3	25.2
Location of Previous Unit															
Inside same (P)MSA	99.8	35.2	64.6	9.7	4.2	.7	4.4	15.1	4.0	5.4	99.8	14.0	28.8	12.2	20.1
In central city(s)	28.7	7.2	21.5	1.7	1.0	.2	1.4	8.1	2.1	.8	28.7	5.5	20.3	1.3	3.7
Not in central city(s)	71.1	28.0	43.1	8.1	3.2	.6	3.0	7.0	1.9	4.6	71.1	8.6	8.5	10.9	16.4
Inside different (P)MSA in same state	6.0	1.6	4.4	.2	.3	—	.2	.4	.4	.7	6.0	.2	1.7	.2	1.0
In central city(s)	5.2	1.3	3.8	.2	—	—	.2	.4	.4	.2	5.2	.2	1.3	.2	1.0
Not in central city(s) .....	.9	.3	.6	—	.3	—	—	—	—	.5	.9	—	.4	—	—
Inside different (P)MSA in different state	17.2	5.4	11.8	2.1	—	.6	.7	1.8	.9	1.0	17.2	1.7	5.8	1.0	2.3
In central city(s)	15.4	4.8	10.6	1.9	—	.4	.7	1.6	.9	1.0	15.4	1.5	5.2	1.0	2.1
Not in central city(s)	1.8	.6	1.2	.2	—	.2	—	.2	—	—	1.8	.2	.6	—	.2
Outside any metropolitan area	6.7	2.4	4.3	.9	.3	.2	.2	.2	—	.6	6.7	.6	.9	—	1.7
Same state	2.9	1.3	1.7	.3	—	—	.2	—	—	.4	2.9	.4	.4	—	1.3
Different state	3.7	1.1	2.6	.6	.3	.2	—	.2	—	.2	3.7	.2	.6	—	.4
Different nation	2.3	—	2.3	—	—	—	—	.5	.2	—	2.3	.4	1.0	—	.2
Structure Type of Previous Residence															
Moved from within United States	129.6	44.6	85.0	13.0	4.9	1.5	5.5	17.4	5.4	7.6	129.6	16.5	37.3	13.3	25.0
House	74.7	33.0	41.7	10.0	2.3	1.0	2.6	9.5	2.5	6.1	74.7	8.7	18.5	7.6	16.2
Apartment	48.9	9.1	39.8	2.4	1.6	.2	2.5	7.9	2.9	1.3	48.9	6.6	18.4	4.8	8.3
Mobile home	3.3	1.0	2.3	.2	.6	.2	.4	—	—	.2	3.3	1.2	.2	.3	.4
Other	2.7	1.5	1.2	.4	.3	.2	—	—	—	—	2.7	—	.2	.5	.2
Tenure of Previous Residence															
House, apt., mobile home in United States	126.9	43.1	83.8	12.6	4.5	1.3	5.5	17.4	5.4	7.6	126.9	16.5	37.1	12.8	24.8
Owner occupied	46.9	23.8	23.1	7.8	1.3	.4	1.8	5.5	1.2	5.2	46.9	4.2	11.9	4.8	10.0
Renter occupied	80.0	19.3	60.7	4.8	3.3	.9	3.7	12.0	4.2	2.5	80.0	12.3	25.2	8.0	14.9
Persons - Previous Residence															
House, apt., mobile home in United States	126.9	43.1	83.8	12.6	4.5	1.3	5.5	17.4	5.4	7.6	126.9	16.5	37.1	12.8	24.8
1 person	19.3	4.0	15.3	1.2	.3	—	.4	1.5	.8	3.3	19.3	2.7	6.7	.8	4.1
2 persons	34.6	11.8	22.7	3.9	.6	.6	1.6	4.1	1.5	2.7	34.6	2.3	9.3	3.0	8.1
3 persons	27.4	11.7	15.7	3.2	1.3	.2	1.2	3.3	.6	.9	27.4	2.4	7.7	2.7	4.9
4 persons	19.2	6.2	13.0	1.8	1.0	—	1.5	3.6	1.2	—	19.2	2.6	5.3	1.9	3.9
5 persons	13.1	4.9	8.2	1.6	.9	.4	.3	2.5	.2	.4	13.1	2.5	3.5	2.3	2.0
6 persons	4.3	1.6	2.7	.5	.3	.2	.2	1.0	.4	—	4.3	1.1	1.4	.5	1.1
7 persons or more	2.7	.4	2.3	—	—	—	.4	1.0	.4	—	2.7	1.9	.8	1.2	.4
Not reported	6.4	2.5	3.9	.4	—	—	—	.4	.4	.4	6.4	.8	2.4	.6	.4
Median	2.7	2.9	2.6	2.8	...	...	3.2	3.4	2.9	1.6	2.7	3.6	2.7	3.4	2.5
Previous Home Owned or Rented by Someone Who Moved Here															
House, apt., mobile home in United States	126.9	43.1	83.8	12.6	4.5	1.3	5.5	17.4	5.4	7.6	126.9	16.5	37.1	12.8	24.8
Owned or rented by a mover	98.1	35.9	62.2	11.4	3.0	1.1	4.3	12.3	4.8	6.5	98.1	11.4	26.9	9.1	18.5
Owned or rented by other	23.2	4.7	18.5	.8	1.5	.2	1.2	4.8	.2	.8	23.2	4.7	8.3	3.3	6.0
By a relative	17.6	4.0	13.6	.6	.6	—	.6	4.0	.2	.6	17.6	3.6	6.4	2.9	4.2
By a nonrelative	4.3	.4	3.9	.2	—	.2	.4	.8	—	.2	4.3	.8	1.4	.4	1.8
Not reported	1.3	.3	1.0	—	.9	—	.3	—	—	—	1.3	.3	.5	—	—
Not reported	5.6	2.5	3.1	.4	—	—	—	.4	.4	.4	5.6	.4	2.0	.4	.4
Change in Housing Costs															
House, apt., mobile home in United States	126.9	43.1	83.8	12.6	4.5	1.3	5.5	17.4	5.4	7.6	126.9	16.5	37.1	12.8	24.8
Increased with move	70.7	28.0	42.7	8.6	2.9	.6	2.6	10.3	3.0	3.1	70.7	7.2	21.1	5.2	14.9
Stayed about the same	25.5	8.3	17.2	2.4	1.0	.8	1.0	3.6	.4	2.2	25.5	4.4	6.7	3.3	5.5
Decreased	24.4	3.9	20.4	1.2	.7	—	1.9	3.1	1.3	1.9	24.4	4.3	7.2	3.7	3.9
Don't know .....	.7	.4	.4	—	—	—	—	—	.2	—	.7	.2	.2	.2	.2
Not reported	5.6	2.5	3.1	.4	—	—	—	.4	.4	.4	5.6	.4	2.0	.4	.4

¹See back cover for details.

Table 2-13. **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 occupied units	Tenure		Housing unit characteristics				Household characteristics					Selected subareas ¹		
		Owner	Renter	New construction 4 yrs	Mobile homes	Physical problems		Black	Hispanic	Elderly (65+)	Moved in past year	Below poverty level	Area one	Area two	Area three
						Severe	Moderate								
OWNER OCCUPIED UNITS—Con.															
Condominium and Cooperative Fee															
Fee paid	8.0	8.0	...	.6	—	—	—	.6	.2	4.0	1.0	.2	1.9	.4	1.0
Less than \$25 per month .....	.2	.2	...	—	—	—	—	—	—	—	—	—	—	—	—
\$25 to \$49 .....	.8	.8	...	.2	—	—	—	—	—	.4	.2	—	—	—	.2
\$50 to \$74	1.1	1.1	...	—	—	—	—	—	—	.6	—	—	.2	.2	—
\$75 to \$99 .....	.6	.6	...	.2	—	—	—	.2	—	.4	.2	—	.2	.2	.2
\$100 to \$149	2.7	2.7	...	.2	—	—	—	.2	—	1.1	.2	.2	.6	.2	.4
\$150 to \$199 .....	.7	.7	...	—	—	—	—	—	—	.2	—	—	.2	—	.2
\$200 or more per month	1.9	1.9	...	—	—	—	—	—	—	1.3	.4	—	.6	—	—
Not reported	—	—	...	—	—	—	—	—	—	—	—	—	—	—	—
Median	125	125	...	...	...	...	...	...	...	...	...	...	...	...	...
Other Housing Costs Per Month															
Homeowner association fee paid	83.8	83.8	...	15.0	...	1.2	1.1	2.3	1.2	13.9	10.8	2.3	21.8	.3	10.4
Median	12	12	...	22	...	...	...	...	...	10-	15	...	10-	...	21
Mobile home park fee paid	1.0	1.0	...	—	1.0	—	—	—	.3	.3	—	—	—	—	—
Median .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Land rent fee paid	—	—	...	—	—	—	—	—	—	—	—	—	—	—	—
Median .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

¹See back cover for details.

²Beginning with 1989 this item uses current income in its calculation. See appendix A.

³May reflect a temporary situation, living off savings, or response error.

Table 2-17. Rooms in Unit by Household and Unit Size, Income, and 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	Occupied units											
	Total	Rooms					Bedrooms					
		1 and 2 rooms	3 and 4 rooms	5 and 6 rooms	7 rooms or more	Median	No rooms	1 room	2 rooms	3 rooms	4 rooms or more	Median
Total	659.1	6.9	140.1	279.9	232.3	5.8	5.1	68.2	178.8	276.8	130.2	2.8
Persons												
1 person.....	172.6	6.3	73.2	68.3	24.8	4.7	4.9	51.3	60.2	45.5	10.7	2.0
2 persons.....	220.8	.2	42.2	102.7	75.8	5.8	.2	13.7	72.9	100.1	33.8	2.7
3 persons.....	105.1	.2	14.9	47.9	42.1	6.1	—	2.1	25.7	56.5	20.8	2.9
4 persons.....	98.1	.2	7.1	40.1	50.7	6.5+	—	.6	14.1	49.3	34.0	3.2
5 persons.....	40.4	—	2.2	12.5	25.6	6.5+	—	.4	5.0	17.3	17.7	3.4
6 persons.....	14.1	—	.2	5.6	8.4	6.5+	—	—	.5	5.2	8.4	3.5+
7 persons or more.....	8.0	—	.3	2.7	5.0	6.5+	—	—	.3	2.8	4.8	3.5+
Median	2.2	1.5-	1.5-	2.2	2.9	...	1.5-	1.5-	1.9	2.4	3.5	...
Rooms												
1 room.....	3.8	...	...	...	...	...	3.8	—	—	—	—	...
2 rooms.....	3.1	...	...	...	...	...	1.3	1.8	—	—	—	...
3 rooms.....	46.9	...	...	...	...	...	—	46.7	.2	—	—	1.0
4 rooms.....	93.1	...	...	...	...	...	—	15.9	77.2	—	—	1.9
5 rooms.....	146.9	...	...	...	...	...	—	2.1	75.9	68.9	—	2.4
6 rooms.....	133.0	...	...	...	...	...	—	.8	19.8	105.3	7.1	2.9
7 rooms.....	113.0	...	...	...	...	...	—	.6	3.9	76.8	31.7	3.2
8 rooms.....	68.5	...	...	...	...	...	—	—	1.4	19.6	47.6	3.5+
9 rooms.....	30.4	...	...	...	...	...	—	.3	.4	4.6	25.0	3.5+
10 rooms or more.....	20.4	...	...	...	...	...	—	—	—	1.7	18.7	3.5+
Median	5.8	...	...	...	...	...	1.5-	3.2	4.7	6.2	8.1	...
Bedrooms												
None.....	5.1	5.1	—	—	—	2.5-	...	...	...	...	...	...
1.....	68.2	1.8	62.6	2.9	.9	3.5	...	...	...	...	...	...
2.....	178.8	—	77.4	95.7	5.7	4.8	...	...	...	...	...	...
3.....	276.8	—	—	174.2	102.6	6.1	...	...	...	...	...	...
4 or more.....	130.2	—	—	7.1	123.1	6.5+	...	...	...	...	...	...
Median	2.8	.5-	1.6	2.7	3.5+	...	...	...	...	...	...	...
Complete Bathrooms												
None.....	1.7	.2	.4	.4	.7	...	.2	.4	.4	.4	.3	...
1.....	264.9	6.7	118.7	114.8	24.7	4.6	4.9	64.0	119.0	67.2	9.8	2.0
1 and one-half.....	122.0	—	13.6	70.9	37.5	5.8	—	2.6	32.9	74.9	11.5	2.8
2 or more.....	270.5	—	7.4	93.7	169.4	6.5+	—	1.1	26.5	134.4	108.5	3.3
Lot Size												
Less than one-eighth acre.....	25.9	.2	4.0	14.2	7.5	5.7	.2	1.1	8.0	12.7	3.9	2.8
One-eighth up to one-quarter acre.....	81.7	—	5.7	37.8	38.2	6.4	—	1.3	17.2	41.7	21.5	3.0
One-quarter up to one-half acre.....	77.9	—	2.8	29.1	46.0	6.5+	—	.2	13.0	38.1	26.5	3.2
One-half up to one acre.....	38.4	—	3.0	12.7	22.7	6.5+	—	.5	5.9	18.1	13.9	3.2
1 to 4 acres.....	34.7	—	3.0	15.0	16.7	6.4	—	.6	6.4	17.8	10.0	3.1
5 to 9 acres.....	11.5	—	.5	4.8	6.2	6.5+	—	—	1.7	6.6	3.3	3.1
10 acres or more.....	22.9	—	1.3	10.9	10.6	6.4	—	.7	3.7	13.1	5.4	3.0
Don't know.....	226.8	.2	33.7	114.1	78.8	5.9	—	7.4	64.5	111.2	43.7	2.9
Not reported.....	15.9	—	3.5	9.1	3.3	5.5	—	.6	7.0	7.4	.9	2.6
Median.....	.37	...	.30	.34	.40	...	...	.23	.30	.38	.41	...
Income of Families and Primary Individuals												
Less than \$5,000.....	21.6	.4	9.6	9.2	2.3	4.7	.2	5.5	8.5	6.2	1.2	2.1
\$5,000 to \$9,999.....	48.2	2.4	21.7	17.9	6.2	4.5	1.4	13.8	17.1	12.3	3.6	2.0
\$10,000 to \$14,999.....	55.6	1.6	22.0	23.7	8.4	4.9	1.4	10.7	23.1	14.9	5.5	2.2
\$15,000 to \$19,999.....	49.2	.6	20.0	20.9	7.6	4.9	.2	9.0	19.7	17.6	2.7	2.3
\$20,000 to \$24,999.....	61.4	.8	16.8	32.4	11.5	5.3	.8	7.5	24.3	23.3	5.6	2.4
\$25,000 to \$29,999.....	62.5	.8	13.8	31.2	16.7	5.6	.8	7.1	20.3	26.6	7.8	2.6
\$30,000 to \$34,999.....	45.0	.2	10.8	22.5	11.4	5.5	.2	4.2	16.7	19.1	4.8	2.6
\$35,000 to \$39,999.....	36.3	—	5.6	20.0	10.8	5.8	—	2.0	11.3	17.2	5.8	2.8
\$40,000 to \$49,999.....	72.4	.2	9.4	34.1	28.7	6.1	.2	3.7	16.2	39.0	13.2	2.9
\$50,000 to \$59,999.....	56.2	—	4.2	26.1	25.9	6.3	—	1.6	8.9	33.3	12.4	3.0
\$60,000 to \$79,999.....	76.6	—	4.5	26.9	45.2	6.5+	—	2.1	8.6	37.4	28.5	3.2
\$80,000 to \$99,999.....	37.0	—	.8	8.2	28.0	6.5+	—	.4	2.1	17.0	17.5	3.4
\$100,000 to \$119,999.....	15.4	—	.2	3.8	11.4	6.5+	—	.4	.9	5.1	9.0	3.5+
\$120,000 or more.....	21.6	—	.8	2.7	18.2	6.5+	—	.2	1.1	7.8	12.5	3.5+
Median	33 449	12 086	19 180	31 006	54 814	...	13 364	17 250	24 325	40 285	61 760	...
Monthly Housing Costs												
Less than \$100.....	4.7	—	2.8	1.9	—	...	—	1.5	1.8	1.3	—	...
\$100 to \$199.....	61.5	1.4	18.6	33.0	8.5	5.2	.7	9.7	25.6	21.4	4.1	2.3
\$200 to \$249.....	47.8	.2	6.7	26.7	14.3	5.8	.2	3.7	12.2	26.6	5.2	2.8
\$250 to \$299.....	41.6	1.0	11.0	17.7	11.9	5.5	1.0	5.5	13.0	16.1	6.0	2.6
\$300 to \$349.....	34.7	1.8	9.7	12.9	10.3	5.4	1.4	6.0	8.3	14.0	5.0	2.6
\$350 to \$399.....	37.1	.4	16.0	12.0	8.7	4.9	—	8.3	13.0	9.3	6.5	2.3
\$400 to \$449.....	37.4	1.0	15.0	13.9	7.5	4.9	1.0	6.7	14.4	11.8	3.5	2.3
\$450 to \$499.....	44.4	—	17.6	21.5	5.3	4.9	—	6.6	22.1	13.3	2.4	2.2
\$500 to \$599.....	78.7	.6	22.6	35.8	19.7	5.4	.6	11.2	28.3	29.4	9.2	2.5
\$600 to \$699.....	61.7	.4	8.7	34.5	18.1	5.8	.2	3.9	15.1	34.6	7.8	2.8
\$700 to \$799.....	51.3	—	3.2	28.3	19.9	6.1	—	.8	9.0	31.9	9.6	3.0
\$800 to \$999.....	62.8	—	2.5	23.9	36.4	6.5+	—	.8	7.8	36.9	17.3	3.1
\$1,000 to \$1,249.....	40.8	—	1.1	8.8	30.9	6.5+	—	.6	1.8	16.7	21.7	3.5+
\$1,250 to \$1,499.....	17.5	—	.6	2.4	14.4	6.5+	—	.4	.8	5.2	11.1	3.5+
\$1,500 or more.....	25.8	—	.6	1.6	23.6	6.5+	—	.4	1.3	4.8	19.3	3.5+
No cash rent.....	11.4	.2	3.4	4.9	2.8	5.3	—	2.1	4.4	3.4	1.5	2.3
Median (excludes no cash rent)	519	320	412	495	752	...	320	390	446	578	859	...
Median Monthly Housing Costs For Owners												
Monthly costs including all mortgages plus maintenance costs.....	597	...	297	488	800	...	...	236	336	606	931	...
Monthly costs excluding 2nd and subsequent mortgages and maintenance costs.....	552	...	280	445	738	...	...	222	304	565	857	...

Table 2-17. **Rooms in Unit by Household and Unit Size, Income, and 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	Occupied units											
	Total	Rooms					Bedrooms					
		1 and 2 rooms	3 and 4 rooms	5 and 6 rooms	7 rooms or more	Median	No rooms	1 room	2 rooms	3 rooms	4 rooms or more	Median
OWNER OCCUPIED UNITS												
Total	443.2	.4	34.6	196.1	212.1	6.4	.4	7.3	87.8	228.8	118.9	3.1
Value												
Less than \$10,000	9.8	-	5.4	3.8	.6	4.3	-	.8	6.6	1.9	.4	2.1
\$10,000 to \$19,999	14.6	.2	6.5	5.7	2.3	4.7	.2	.6	8.3	4.4	1.2	2.3
\$20,000 to \$29,999	13.9	-	3.5	9.4	1.0	5.2	-	1.0	7.7	4.2	1.0	2.3
\$30,000 to \$39,999	24.6	-	3.7	15.0	5.9	5.7	-	1.0	9.5	11.6	2.5	2.7
\$40,000 to \$49,999	33.5	-	4.8	21.6	7.1	5.6	-	.4	14.1	16.2	2.8	2.6
\$50,000 to \$59,999	35.2	-	2.4	22.6	10.2	5.8	-	.7	7.7	21.8	5.0	2.9
\$60,000 to \$69,999	53.6	-	3.1	32.9	17.6	5.9	-	1.1	12.2	32.0	8.2	2.9
\$70,000 to \$79,999	42.6	.2	1.8	24.0	16.6	6.1	.2	.4	6.7	29.0	6.3	3.0
\$80,000 to \$99,999	80.1	-	2.3	34.7	43.2	6.5+	-	.6	8.7	55.0	15.9	3.1
\$100,000 to \$119,999	35.4	-	.2	12.1	23.2	6.5+	-	.2	2.1	20.6	12.6	3.3
\$120,000 to \$149,999	37.9	-	.2	7.2	30.5	6.5+	-	-	1.6	14.5	21.8	3.5+
\$150,000 to \$199,999	35.7	-	.2	4.6	30.9	6.5+	-	-	1.6	11.0	23.1	3.5+
\$200,000 to \$249,999	12.3	-	-	1.0	11.3	6.5+	-	-	.4	3.6	8.4	3.5+
\$250,000 to \$299,999	5.3	-	.4	.2	4.7	6.5+	-	.2	.2	.9	4.1	3.5+
\$300,000 or more	8.6	-	.2	1.4	7.0	6.5+	-	.4	.4	2.2	5.6	3.5+
Median	78 542	...	35 360	66 085	101 316	...	...	46 115	48 353	77 657	124 815	...

Table 2-18. Square Footage by Household and Unit Size, Income, and 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	Size of occupied detached 1-family homes and 1-family mobile homes								
	Total	Less than 500 square feet	500 to 999 square feet	1000 to 1499 square feet	1500 to 1999 square feet	2000 to 2499 square feet	2500 square feet or more	Not reported	Median
Total	492.6	1.4	33.4	80.3	77.6	57.0	83.4	159.5	1 832
Persons									
1 person	90.7	.6	10.0	15.0	8.3	7.8	4.8	44.1	1 422
2 persons	172.6	.6	13.2	35.2	28.4	19.5	28.1	47.7	1 738
3 persons	84.9	-	4.8	13.4	17.6	12.2	14.1	22.8	1 865
4 persons	87.8	-	3.3	11.2	16.2	11.1	21.8	24.3	2 050
5 persons	36.2	.2	.9	3.9	4.3	4.4	10.4	12.0	2 305
6 persons	13.0	-	.2	1.3	2.3	1.3	2.5	5.3	2 002
7 persons or more	7.4	-	1.1	.2	.4	.6	1.9	3.2	2 295
Median	2.4	...	2.0	2.2	2.6	2.6	3.1	2.2	...
Rooms									
1 room	-	-	-	-	-	-	-	-	...
2 rooms .....	.4	.2	-	-	-	-	-	.2	...
3 rooms	3.2	.3	1.2	.2	-	-	-	1.5	...
4 rooms	42.1	.3	15.4	6.0	1.2	.4	.2	18.5	871
5 rooms	103.7	.3	12.6	25.1	14.5	5.9	4.3	40.9	1 368
6 rooms	117.8	-	3.1	27.6	23.9	12.1	7.4	43.8	1 633
7 rooms	107.9	.2	1.2	16.4	24.1	18.4	16.8	30.8	1 931
8 rooms	67.2	-	-	2.9	10.0	14.7	25.9	13.7	2 473
9 rooms	30.2	-	-	1.8	2.6	3.8	15.5	6.5	2500+
10 rooms or more	20.3	-	-	.4	1.2	1.8	13.3	3.5	2500+
Median	6.3	...	4.5	5.8	6.5	7.1	8.0	5.9	...
Bedrooms									
None .....	.2	.2	-	-	-	-	-	-	...
1	9.5	.3	2.5	1.2	.2	-	.6	4.6	916
2	106.1	.3	25.1	18.2	7.1	5.1	3.6	46.6	1 118
3	249.3	.3	5.4	53.7	56.7	29.2	24.6	79.4	1 725
4 or more	127.5	.2	.4	7.1	13.7	22.7	54.6	28.8	2500+
Median	3.0	...	2.1	2.9	3.1	3.3	3.5+	2.9	...
Complete Bathrooms									
None	1.1	-	-	.2	.2	.2	.1	.4	...
1	158.3	.9	26.3	31.1	12.4	6.5	4.4	76.8	1 218
1 and one-half	95.2	.2	5.2	22.4	16.7	10.3	7.6	32.8	1 602
2 or more	238.0	.3	1.9	26.6	48.3	40.1	71.3	49.5	2 214
Lot Size									
Less than one-eighth acre	24.0	.5	3.9	4.7	4.2	2.1	2.2	6.5	1 461
One-eighth up to one-quarter acre	80.3	.4	7.4	18.9	17.3	14.0	11.8	10.5	1 736
One-quarter up to one-half acre	76.6	-	2.7	14.7	16.5	12.3	20.8	9.7	1 988
One-half up to one acre	38.4	-	2.2	5.3	7.6	7.0	9.5	6.9	2 055
1 to 4 acres	34.3	-	1.9	6.4	5.5	5.4	10.6	4.6	2 106
5 to 9 acres	11.5	-	.7	2.5	2.7	1.4	2.8	1.5	1 844
10 acres or more	22.7	-	.7	3.8	3.9	3.1	5.4	5.7	2 010
Don't know	197.8	.4	12.9	23.3	18.8	11.6	19.5	111.3	1 678
Not reported	6.8	-	1.1	.8	1.2	.2	.8	2.8	1 550
Median .....	.38	...	.22	.33	.36	.38	.46	.40	...
Income of Families and Primary Individuals									
Less than \$5,000	10.9	-	1.0	1.0	1.1	.8	.6	6.4	1 617
\$5,000 to \$9,999	26.5	.2	2.9	2.9	.8	1.7	1.6	16.5	1 331
\$10,000 to \$14,999	31.0	.3	4.0	3.4	2.2	2.3	2.7	16.0	1 462
\$15,000 to \$19,999	31.7	.3	5.2	6.9	1.7	1.5	1.5	14.6	1 221
\$20,000 to \$24,999	42.1	-	5.1	8.3	4.9	4.4	2.9	16.5	1 464
\$25,000 to \$29,999	44.0	.3	3.3	7.0	9.6	2.5	3.0	18.3	1 617
\$30,000 to \$34,999	32.6	-	3.1	7.7	5.0	3.7	2.6	10.4	1 531
\$35,000 to \$39,999	27.5	-	1.3	4.9	5.1	2.0	3.5	10.7	1 718
\$40,000 to \$49,999	58.5	-	4.9	14.0	9.5	5.0	9.3	15.7	1 630
\$50,000 to \$59,999	48.0	-	1.7	7.1	10.7	8.7	7.3	12.4	1 918
\$60,000 to \$79,999	70.4	.2	.8	11.1	15.3	12.1	18.2	12.7	2 059
\$80,000 to \$99,999	35.1	-	.2	4.3	5.4	6.9	13.3	5.1	2 373
\$100,000 to \$119,999	14.1	-	-	.5	3.4	2.7	6.0	1.5	2 433
\$120,000 or more	20.3	-	-	1.1	2.6	2.7	11.0	2.9	2500+
Median	40 015	...	23 534	38 046	48 665	55 252	67 341	27 687	...
Monthly Housing Costs									
Less than \$100	1.6	.3	-	.5	-	-	-	.7	...
\$100 to \$199	49.6	.7	6.9	9.9	4.0	2.9	1.3	23.8	1 267
\$200 to \$249	42.3	-	1.7	10.0	6.2	3.0	3.0	18.4	1 520
\$250 to \$299	31.1	-	4.1	4.3	5.0	3.6	3.1	11.0	1 669
\$300 to \$349	23.1	-	2.1	2.7	3.4	1.7	3.5	9.6	1 781
\$350 to \$399	21.3	.2	2.4	1.9	2.7	2.7	2.8	8.6	1 850
\$400 to \$449	21.3	-	1.7	3.9	1.4	2.3	3.2	8.8	1 720
\$450 to \$499	26.8	-	3.9	7.3	2.0	2.4	1.1	10.3	1 305
\$500 to \$599	48.9	-	4.3	10.3	7.4	4.1	4.4	18.4	1 546
\$600 to \$699	45.3	.1	3.4	9.2	10.5	4.6	3.9	13.7	1 648
\$700 to \$799	42.7	-	1.4	9.1	9.7	5.7	5.5	11.2	1 768
\$800 to \$999	53.5	-	.9	6.6	15.9	10.2	9.8	10.0	1 947
\$1,000 to \$1,249	38.1	-	-	2.5	6.2	8.4	15.4	5.7	2 452
\$1,250 to \$1,499	16.1	-	-	.6	1.8	3.3	9.2	1.3	2500+
\$1,500 or more	24.7	-	-	1.0	1.3	2.1	16.7	3.5	2500+
No cash rent	6.3	-	.8	.6	.2	-	.4	4.4	1 173
Median (excludes no cash rent)	553	...	384	496	664	721	996	431	...
Median Monthly Housing Costs For Owners									
Monthly costs including all mortgages plus maintenance costs	604	...	359	516	698	760	1 062	399	...
Monthly costs excluding 2nd and subsequent mortgages and maintenance costs	557	...	311	482	650	704	972	365	...

Table 2-18. **Square Footage by Household and Unit Size, Income, and 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	Size of occupied detached 1-family homes and 1-family mobile homes								
	Total	Less than 500 square feet	500 to 999 square feet	1000 to 1499 square feet	1500 to 1999 square feet	2000 to 2499 square feet	2500 square feet or more	Not reported	Median
OWNER OCCUPIED UNITS									
Total	421.6	1.2	23.3	71.2	73.1	54.3	80.4	118.2	1 884
Value									
Less than \$10,000	9.0	.7	5.0	—	.6	.2	.2	2.4	764
\$10,000 to \$19,999	14.1	.2	5.0	1.8	.2	.4	.8	5.6	899
\$20,000 to \$29,999	13.1	—	2.1	1.9	1.4	.2	.3	7.2	1 215
\$30,000 to \$39,999	24.1	—	1.9	4.4	1.1	1.3	1.8	13.6	1 384
\$40,000 to \$49,999	32.5	—	4.1	7.5	2.6	2.6	.8	15.0	1 314
\$50,000 to \$59,999	33.3	—	2.1	9.4	4.7	2.8	2.1	12.4	1 449
\$60,000 to \$69,999	50.0	—	1.7	17.1	8.4	4.3	2.0	16.4	1 440
\$70,000 to \$79,999	39.5	.1	.5	10.3	9.8	5.3	2.5	11.0	1 673
\$80,000 to \$99,999	75.4	—	.6	14.5	22.0	12.0	9.5	16.8	1 440
\$100,000 to \$119,999	34.3	—	—	2.7	12.4	6.2	6.9	6.2	1 959
\$120,000 to \$149,999	37.1	.2	.2	.6	5.5	11.5	13.8	5.2	2 409
\$150,000 to \$199,999	34.6	—	.2	.2	3.9	6.3	20.7	3.3	2500+
\$200,000 to \$249,999	11.9	—	—	.2	.3	.4	9.8	1.2	2500+
\$250,000 to \$299,999	4.7	—	—	.2	—	.4	3.5	.6	2500+
\$300,000 or more	8.0	—	—	.4	.2	.4	5.6	1.4	2500+
Median	78 802	...	27 636	66 198	87 158	96 649	149 034	61 780	...

Table 2-19. Detailed Tenure by 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	Owner occupied								Renter occupied			
	With mortgage				With no mortgage				All renters		Unsubsidized renters ¹	
	Total	Specified ²	Not specified		Total	Specified ²	Not specified		Specified ³	Other	Specified ³	Other
			Condo or Coop	Other			Condo or Coop	Other				
Total	286.9	262.4	5.2	19.3	156.3	131.6	5.1	19.6	213.4	2.5	184.2	2.5
Income of Families and Primary Individuals												
Less than \$5,000	1.8	1.6	.2	—	5.5	4.4	—	1.1	14.1	.2	8.8	.2
\$5,000 to \$9,999	4.6	4.1	.2	.4	14.2	11.9	.4	1.9	29.0	.3	18.5	.3
\$10,000 to \$14,999	5.9	5.3	—	.6	18.2	14.5	.4	3.3	31.4	.2	26.5	.2
\$15,000 to \$19,999	7.1	5.5	—	1.6	19.3	15.6	.6	3.1	22.7	.2	20.0	.2
\$20,000 to \$24,999	15.5	13.3	.6	1.6	19.7	17.1	.8	1.8	26.2	—	24.7	—
\$25,000 to \$29,999	19.8	18.1	.2	1.4	19.4	16.1	.9	2.4	23.0	.4	21.8	.4
\$30,000 to \$34,999	18.5	16.1	.7	1.7	10.0	8.2	.2	1.6	16.3	.2	15.5	.2
\$35,000 to \$39,999	17.1	15.2	.4	1.5	7.5	7.0	—	.6	11.7	—	10.7	—
\$40,000 to \$49,999	41.5	37.3	1.3	2.9	12.7	10.7	.6	1.4	17.9	.2	16.7	.2
\$50,000 to \$59,999	36.9	35.3	.4	1.3	9.3	7.6	.6	1.1	9.6	.4	9.4	.4
\$60,000 to \$79,999	58.4	54.9	.4	3.0	10.0	9.5	.2	.3	8.0	.2	8.0	.2
\$80,000 to \$99,999	29.5	28.3	.2	1.0	5.4	4.8	.2	.5	2.1	—	2.1	—
\$100,000 to \$119,999	13.0	12.2	.2	.6	1.7	1.3	.4	—	.8	—	.8	—
\$120,000 or more	17.4	15.4	.4	1.6	3.5	2.9	—	.5	.6	.2	.6	.2
Median	53 170	54 212	42 031	42 895	25 348	25 710	27 548	21 077	21 805	...	23 691	...
Monthly Housing Costs												
Less than \$100	—	—	—	—	2.0	.9	.4	.7	2.7	—	.5	—
\$100 to \$199 .....	.4	.4	—	—	49.6	44.4	1.2	4.0	11.3	.2	3.0	.2
\$200 to \$249	2.2	2.0	—	.2	39.8	36.9	.4	2.6	5.5	.2	3.4	.2
\$250 to \$299	3.8	3.3	—	.5	26.4	19.6	.2	6.6	11.4	—	9.1	—
\$300 to \$349	6.8	6.4	.2	.2	15.8	12.5	.7	2.5	12.0	—	9.5	—
\$350 to \$399	7.9	6.4	.2	1.3	9.2	7.3	.4	1.5	20.1	—	17.2	—
\$400 to \$449	11.4	10.5	.2	.7	3.6	2.7	.6	.3	22.4	—	21.4	—
\$450 to \$499	15.2	13.9	.2	1.1	2.3	2.0	.2	.2	26.4	.4	24.5	.4
\$500 to \$599	35.5	31.6	1.0	2.8	3.0	2.0	.4	.6	40.1	.2	38.0	.2
\$600 to \$699	37.8	34.1	.2	3.5	1.4	1.2	.2	—	22.0	.6	21.2	.6
\$700 to \$799	37.7	34.0	1.3	2.4	1.4	1.0	.2	.2	12.0	.2	12.0	.2
\$800 to \$999	51.2	47.7	.8	2.7	.5	.2	—	.4	11.1	—	10.7	—
\$1,000 to \$1,249	35.8	33.9	.6	1.3	.8	.6	.2	—	4.2	—	4.2	—
\$1,250 to \$1,499	16.5	15.4	.4	.7	.4	.2	.2	—	.6	—	.6	—
\$1,500 or more	24.7	22.7	.2	1.8	.2	.2	—	—	.9	—	.9	—
No cash rent .....	...	...	...	...	...	...	...	...	10.7	.7	7.9	.7
Median (excludes no cash rent)	760	766	747	682	233	228	329	269	480	...	499	...
Median Monthly Housing Costs For Owners												
Monthly costs including all mortgages plus maintenance costs	790	797	747	722	249	243	342	279	...	...	...	...
Monthly costs excluding 2nd and subsequent mortgages and maintenance costs	739	745	747	677	233	228	329	269	...	...	...	...
Monthly Housing Costs as Percent of Current Income⁴												
Less than 5 percent	2.5	2.5	—	—	12.9	11.3	.4	1.2	1.2	—	1.0	—
5 to 9 percent	20.7	19.1	.2	1.4	49.7	43.6	1.5	4.5	6.5	.2	5.5	.2
10 to 14 percent	62.0	56.0	1.0	5.0	37.7	33.5	1.0	3.3	24.6	.4	21.6	.4
15 to 19 percent	72.5	68.3	1.2	3.0	18.1	13.8	.6	3.8	32.6	—	30.1	—
20 to 24 percent	52.8	48.0	1.0	3.8	11.7	8.7	.5	2.4	32.2	.4	28.0	.4
25 to 29 percent	30.2	28.1	.4	1.8	6.8	5.9	.4	.5	24.5	.2	20.5	.2
30 to 34 percent	16.9	15.3	.2	1.4	3.8	2.4	.4	1.0	17.6	—	14.7	—
35 to 39 percent	9.1	7.4	.5	1.2	3.7	3.2	—	.5	14.5	—	12.2	—
40 to 49 percent	7.3	6.1	.2	1.0	3.2	2.7	.2	.4	17.4	.2	15.3	.2
50 to 59 percent	2.8	2.5	.2	.2	2.2	1.5	.2	.4	7.6	.2	6.3	.2
60 to 69 percent	2.3	1.9	—	.4	1.0	1.0	—	—	5.5	—	4.4	—
70 to 99 percent	3.6	3.3	.2	.2	2.0	1.1	—	.9	5.4	—	5.0	—
100 percent or more ⁵	3.4	3.2	.2	—	2.5	2.2	—	.3	11.6	.2	10.2	.2
Zero or negative income .....	.8	.8	—	—	.9	.6	—	.4	1.7	—	1.3	—
No cash rent .....	...	...	...	...	...	...	...	...	10.7	.7	7.9	.7
Median (excludes 2 previous lines)	19	19	22	20	12	12	13	16	26	...	25	...
Median (excludes 3 lines before medians)	19	19	21	20	12	11	13	16	25	...	24	...
OWNER OCCUPIED UNITS												
Total	286.9	262.4	5.2	19.3	156.3	131.6	5.1	19.6	...	...	...	...
Value												
Less than \$10,000	3.0	1.4	—	1.6	6.8	.7	.6	5.5	...	...	...	...
\$10,000 to \$19,999	5.6	2.8	.2	2.7	9.0	5.5	.2	3.3	...	...	...	...
\$20,000 to \$29,999	4.4	3.1	.2	1.1	9.5	8.8	.2	.5	...	...	...	...
\$30,000 to \$39,999	10.6	8.7	—	1.9	14.0	13.1	.2	.7	...	...	...	...
\$40,000 to \$49,999	17.9	17.7	—	.2	15.6	14.7	—	.9	...	...	...	...
\$50,000 to \$59,999	22.0	20.1	.4	1.5	13.2	11.5	.7	1.0	...	...	...	...
\$60,000 to \$69,999	35.2	33.0	1.2	1.1	18.4	17.4	.4	.6	...	...	...	...
\$70,000 to \$79,999	29.5	26.6	1.2	1.7	13.2	12.2	.2	.7	...	...	...	...
\$80,000 to \$99,999	56.1	52.9	.6	2.6	24.1	19.8	.9	3.3	...	...	...	...
\$100,000 to \$119,999	27.2	25.4	.4	1.5	8.2	7.2	.4	.6	...	...	...	...
\$120,000 to \$149,999	27.9	26.7	.4	.8	10.0	8.7	.2	1.1	...	...	...	...
\$150,000 to \$199,999	28.4	26.6	.4	1.4	7.3	6.0	.6	.7	...	...	...	...
\$200,000 to \$249,999	8.8	8.2	.2	.3	3.6	3.4	—	.2	...	...	...	...
\$250,000 to \$299,999	3.9	3.7	—	.2	1.4	.8	—	.4	...	...	...	...
\$300,000 or more	6.5	5.6	.2	.7	2.1	1.5	.4	.2	...	...	...	...
Median	85 446	86 754	75 842	66 727	65 462	66 542	82 648	37 780	...	...	...	...

Table 2-19. Detailed Tenure by Financial Characteristics - 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	Owner occupied								Renter occupied			
	With mortgage				With no mortgage				All renters		Unsubsidized renters ¹	
	Total	Specified ²	Not specified		Total	Specified ²	Not specified		Specified ³	Other	Specified ³	Other
			Condo or Coop	Other			Condo or Coop	Other				
OWNERS WITH ONE OR MORE MORTGAGES—Con.												
Lenders of Primary and Secondary Mortgages												
Only borrowed from firm(s) -----	252.9	233.9	4.8	14.2	...	...	...	...	...	...	...	...
Only borrowed from seller -----	9.2	6.7	—	2.5	...	...	...	...	...	...	...	...
Only borrowed from other individual(s) -----	3.9	3.7	—	.2	...	...	...	...	...	...	...	...
Borrowed from a firm and seller -----	.6	.4	—	.2	...	...	...	...	...	...	...	...
Borrowed from a firm and other individual -----	.6	.4	—	.2	...	...	...	...	...	...	...	...
Borrowed from seller and other individual -----	.2	—	—	.2	...	...	...	...	...	...	...	...
One or both sources not reported -----	19.6	17.4	.4	1.8	...	...	...	...	...	...	...	...

¹Excludes units in public housing projects, and housing units with government rent subsidies.
²Limited to one-unit structures on less than 10 acres and no business on property.
³Excludes one-unit structures on 10 acres or more.
⁴Beginning with 1989 this item uses current income in its calculation. See appendix A.
⁵May reflect a temporary situation, living off savings, or response error.

Table 2-20. **Income of Families and Primary Individuals by Selected Characteristics - 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	Zero to negative	\$1 to \$4,999	\$5,000 to \$9,999	\$10,000 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$29,999	\$30,000 to \$39,999	\$40,000 to \$59,999	\$60,000 to \$79,999	\$80,000 to \$99,999	\$100,000 to \$119,999	\$120,000 or more	Median
Monthly Housing Costs as Percent of Current Income²														
Less than 5 percent	16.5	—	—	—	—	—	.6	1.0	2.6	3.0	3.7	1.1	4.6	86 278
5 to 9 percent	77.1	—	—	—	1.1	1.1	12.6	12.4	21.0	13.0	7.6	3.0	5.1	50 730
10 to 14 percent	124.7	—	.4	.4	2.9	10.8	21.6	12.8	29.5	23.8	10.1	5.1	7.2	49 076
15 to 19 percent	123.2	.2	.4	1.8	6.5	7.1	17.7	16.2	36.1	21.3	9.5	3.5	2.9	46 528
20 to 24 percent	97.1	—	.4	5.5	6.2	5.6	23.1	20.1	22.5	7.9	3.3	1.6	.9	33 855
25 to 29 percent	61.7	—	—	5.0	6.3	6.1	20.0	9.7	8.4	3.2	1.7	.7	.5	26 707
30 to 34 percent	38.3	—	.4	4.6	4.7	6.8	11.5	4.7	3.0	2.3	—	.2	—	22 306
35 to 39 percent	27.3	—	.4	5.0	6.6	4.0	7.4	1.7	.9	.7	.4	—	.2	17 178
40 to 49 percent	28.1	—	1.0	6.5	8.7	3.9	5.6	1.0	1.4	.1	—	—	—	13 816
50 to 59 percent	12.7	—	1.1	3.5	5.3	1.3	.7	.4	.3	—	—	—	—	11 617
60 to 69 percent	8.8	—	.6	3.3	2.7	.8	.6	.2	.2	.4	—	—	—	10 934
70 to 99 percent	11.1	—	1.6	5.6	1.5	.4	.4	.2	.4	.4	.4	.2	—	8 489
100 percent or more ³	17.7	—	9.5	5.2	1.5	.2	.6	—	.2	.4	.2	—	—	4 676
Zero or negative income	3.4	3.4	—	—	—	—	—	—	—	—	—	—	—	...
No cash rent	11.4	.2	2.1	1.9	1.5	1.0	1.4	1.0	2.1	—	—	—	.2	14 958
Median (excludes 2 previous lines)	19	...	100+	41	34	25	22	19	16	15	14	14	11	...
Median (excludes 3 lines before medians)	19	...	52	38	33	24	22	19	16	15	13	14	11	...
OWNER OCCUPIED UNITS														
Total	443.2	1.7	5.6	18.8	24.1	26.3	74.3	53.1	100.5	68.4	34.9	14.7	20.9	43 520
Value														
Less than \$10,000	9.8	—	.3	1.2	2.0	2.2	1.8	1.1	.9	.3	—	—	—	18 172
\$10,000 to \$19,999	14.6	.2	.4	1.5	1.4	1.4	4.2	2.8	1.9	.2	.6	—	—	25 556
\$20,000 to \$29,999	13.9	—	.2	1.2	2.7	2.1	3.9	2.6	1.1	.2	—	—	—	22 017
\$30,000 to \$39,999	24.6	.2	.9	3.2	3.1	3.0	5.1	3.1	4.1	1.3	.3	.2	.2	23 784
\$40,000 to \$49,999	33.5	—	.9	2.3	3.4	3.2	11.2	3.8	6.6	1.1	.7	.2	—	26 154
\$50,000 to \$59,999	35.2	.2	.4	2.1	1.7	2.6	8.5	6.5	7.9	3.8	1.3	—	.2	33 145
\$60,000 to \$69,999	53.6	.2	.4	1.7	1.9	4.1	12.7	8.3	15.2	5.8	1.9	.6	.7	36 983
\$70,000 to \$79,999	42.6	.2	.4	.5	2.1	2.1	6.9	7.0	13.5	7.0	1.7	.6	.8	43 217
\$80,000 to \$99,999	80.1	.2	.8	1.3	2.3	2.8	10.0	9.9	25.9	15.4	7.8	1.4	2.3	49 890
\$100,000 to \$119,999	35.4	—	.4	.9	.7	1.0	3.7	3.6	8.8	10.0	3.2	1.7	1.3	56 526
\$120,000 to \$149,999	37.9	.2	.2	1.0	1.0	1.0	2.3	2.5	6.9	10.3	7.0	2.1	3.4	67 453
\$150,000 to \$199,999	35.7	.2	—	1.1	1.0	.2	1.7	1.2	5.6	8.4	6.6	5.3	4.4	76 261
\$200,000 to \$249,999	12.3	—	—	.4	.8	.2	1.4	.2	1.5	2.5	2.0	1.0	2.4	74 008
\$250,000 to \$299,999	5.3	—	—	.2	.2	.4	.4	—	—	.5	.4	.4	2.8	120K+
\$300,000 or more	8.6	.2	.2	—	—	—	.4	.6	.6	1.6	1.4	1.2	2.4	91 036
Median	78 542	...	50 506	49 810	48 590	54 600	61 912	68 123	79 288	98 821	119 419	155 505	168 291	...
Ratio of Value to Current Income²														
Less than 1.5	165.6	—	.3	1.7	4.2	5.0	14.5	14.0	43.6	36.9	19.7	8.9	16.7	59 742
1.5 to 1.9	82.4	—	—	.8	.8	2.2	10.3	13.1	28.0	14.3	8.6	2.9	1.5	50 016
2.0 to 2.4	57.5	—	—	1.0	1.5	2.5	13.4	11.4	12.9	8.7	2.9	1.2	2.0	39 064
2.5 to 2.9	37.7	—	—	.6	2.2	3.0	11.0	6.1	7.7	4.1	1.9	.7	.3	33 336
3.0 to 3.9	40.6	—	—	.6	3.4	3.2	14.6	5.7	5.6	2.9	1.2	.9	.4	37 533
4.0 to 4.9	18.3	—	—	1.1	3.1	3.7	5.0	1.5	1.3	.2	.4	—	—	20 455
5.0 or more	41.3	—	5.3	13.0	8.9	4.6	5.3	1.3	1.3	1.4	.2	—	—	11 328
Zero or negative income	1.9	1.7	—	—	—	—	.2	—	—	—	—	—	—	...
Median	1.8	...	5.0+	5.0+	4.0	3.1	2.5	2.0	1.6	1.5-	1.5-	1.5-	1.5-	...
Monthly Payment for Principal and Interest														
Less than \$100	10.0	.2	—	.8	.6	.9	1.5	2.1	1.9	1.3	.7	—	—	34 956
\$100 to \$199	20.2	—	—	1.4	1.3	1.6	4.1	2.7	5.0	2.5	.7	.2	.6	36 060
\$200 to \$249	11.8	—	—	—	.4	.8	2.6	2.2	2.6	1.2	1.4	.4	.4	39 863
\$250 to \$299	18.7	—	—	.8	1.1	1.0	4.8	2.9	4.5	2.6	.6	.2	.2	35 696
\$300 to \$349	23.9	—	.2	—	1.2	.8	5.4	4.8	8.9	2.3	.9	—	.4	41 409
\$350 to \$399	20.3	—	.2	.4	.2	.8	3.6	3.6	6.7	3.1	.9	.6	.4	44 394
\$400 to \$449	24.9	—	.2	—	.4	—	3.9	5.5	8.1	4.7	1.3	.6	.2	46 139
\$450 to \$499	18.9	—	—	—	.2	.4	3.9	2.6	6.0	3.4	1.3	.8	.4	48 016
\$500 to \$599	38.2	.2	—	.2	—	.2	3.4	5.9	13.7	10.2	3.0	.9	.6	53 542
\$600 to \$699	28.0	—	.2	1.1	.4	.6	1.0	1.9	9.6	8.3	2.7	1.7	1.5	60 451
\$700 to \$799	19.2	—	—	.2	.2	—	.6	1.3	4.2	6.3	3.3	1.1	2.1	70 186
\$800 to \$999	21.0	.2	—	.2	.2	—	—	—	3.5	6.4	5.9	2.0	2.5	79 886
\$1,000 to \$1,249	15.1	.2	—	.4	.6	—	.2	.2	1.7	2.5	4.3	1.8	3.3	88 375
\$1,250 to \$1,499	5.8	—	—	—	—	—	.2	—	.3	1.4	.8	1.4	1.8	103 348
\$1,500 or more	9.1	—	—	.2	.2	—	—	—	1.3	1.8	1.2	1.2	3.2	97 328
Not reported	1.7	.2	—	—	—	—	.2	—	.4	.4	.4	.2	—	...
Median	484	...	...	...	280	262	343	394	461	577	728	798	964	...
Average Monthly Cost Paid for Real Estate Taxes														
Less than \$25	40.3	.2	1.5	3.4	5.4	4.8	9.9	6.3	5.3	2.0	1.0	.4	.1	24 919
\$25 to \$49	88.9	.6	1.5	5.8	6.9	9.1	21.1	12.8	20.2	6.9	3.0	.6	.4	29 777
\$50 to \$74	101.3	.2	.6	4.0	4.8	6.9	21.1	14.4	28.2	12.0	5.5	1.6	1.9	39 047
\$75 to \$99	73.7	.2	1.2	2.7	3.4	3.0	11.7	10.3	19.9	12.0	4.5	1.7	3.0	44 326
\$100 to \$149	81.0	.2	.2	1.8	2.8	1.7	8.0	6.8	18.4	21.2	11.4	3.6	4.9	60 596
\$150 to \$199	29.5	—	.4	.7	.2	.2	1.1	1.0	5.2	7.7	5.0	3.7	4.3	75 507
\$200 or more	28.6	.4	.2	.4	.6	.6	1.4	1.6	3.2	6.4	4.5	3.1	6.3	78 684
Median	73	...	47	51	49	48	57	63	72	103	115	142	152	...

Table 2-20. **Income of Families and Primary Individuals by Selected Characteristics - 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	Zero to negative	\$1 to \$4,999	\$5,000 to \$9,999	\$10,000 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$29,999	\$30,000 to \$39,999	\$40,000 to \$59,999	\$60,000 to \$79,999	\$80,000 to \$99,999	\$100,000 to \$119,999	\$120,000 or more	Median
OWNER OCCUPIED UNITS—Con.														
Purchase Price														
Home purchased or built	435.1	1.5	5.2	18.2	22.5	25.4	72.6	51.8	99.1	68.4	34.9	14.7	20.7	44 079
Less than \$10,000	28.5	.2	.9	3.3	4.7	5.3	6.3	3.0	2.9	1.3	.7	—	—	19 948
\$10,000 to \$19,999	53.6	.2	.8	4.6	5.5	6.5	14.2	8.0	9.0	2.5	1.3	.5	.6	26 539
\$20,000 to \$29,999	33.4	—	.4	1.7	2.3	3.7	7.2	4.5	6.0	4.4	2.5	—	.6	32 865
\$30,000 to \$39,999	32.8	—	.4	1.2	.7	1.9	8.2	5.7	8.8	3.6	1.8	—	.6	37 090
\$40,000 to \$49,999	30.7	.4	.8	.4	.2	1.9	7.6	5.3	8.6	2.8	1.3	.4	1.0	37 687
\$50,000 to \$59,999	35.4	.2	.2	—	1.1	.8	6.5	6.0	10.4	6.1	2.8	1.0	.4	45 503
\$60,000 to \$69,999	30.1	—	—	.2	.2	.2	2.9	6.0	12.9	5.3	1.0	.9	.6	48 681
\$70,000 to \$79,999	28.0	—	.2	.2	.6	.6	2.1	3.2	9.6	7.6	2.7	.9	.4	54 960
\$80,000 to \$99,999	44.6	.2	.2	.4	.6	.8	4.6	3.8	12.9	11.5	5.6	1.5	2.7	58 294
\$100,000 to \$119,999	18.3	—	—	.2	.2	.2	.8	.6	4.1	6.5	1.9	2.1	1.7	69 475
\$120,000 to \$149,999	22.9	—	—	.8	.4	.2	—	1.1	4.3	6.4	6.1	1.9	1.8	74 649
\$150,000 to \$199,999	17.5	.2	—	.3	.2	.2	.8	.4	1.2	3.8	3.0	3.0	4.4	91 023
\$200,000 to \$249,999	5.6	—	—	—	.2	—	—	—	.2	1.1	1.4	1.0	1.8	99 241
\$250,000 to \$299,999	2.8	—	—	—	.2	—	—	.2	—	—	.4	.6	1.4	...
\$300,000 or more	3.5	—	—	—	—	—	—	.2	1.0	.6	.4	.3	1.1	...
Not reported	47.5	.2	1.4	4.8	5.5	3.2	11.5	3.8	7.4	5.0	2.1	.6	1.9	27 554
Median	54 198	...	26 992	17 385	17 017	19 046	33 492	45 141	60 175	77 504	88 288	117 551	137 362	...
Received as inheritance or gift	6.2	—	.4	.6	1.3	.7	1.1	1.1	.8	—	—	—	.2	21 097
Not reported	1.9	.2	—	—	.2	.2	.5	.2	.6	—	—	—	—	...
RENTER OCCUPIED UNITS														
Total	215.9	2.1	12.2	29.4	31.6	22.9	49.6	28.2	28.1	8.2	2.1	.8	.8	21 977
Rent Reductions														
No subsidy or income reporting	184.8	1.5	7.5	18.6	26.7	20.2	45.9	25.8	26.8	8.2	2.1	.8	.8	23 886
Rent control	—	—	—	—	—	—	—	—	—	—	—	—	—	...
No rent control	184.2	1.5	7.5	18.6	26.5	20.0	45.9	25.6	26.8	8.2	2.1	.8	.8	23 909
Reduced by owner	10.1	.2	.6	1.2	1.8	1.2	1.8	1.1	1.9	.2	.2	—	—	20 888
Not reduced by owner	173.5	1.3	6.9	17.2	24.6	18.8	43.9	24.4	24.8	8.0	1.9	.8	.8	24 066
Owner reduction not reported .....	.6	—	—	.2	.2	—	.2	—	—	—	—	—	—	...
Rent control not reported .....	.6	—	—	—	.2	.2	—	.2	—	—	—	—	—	...
Owned by public housing authority	12.2	—	2.1	5.2	2.2	1.4	.8	.2	.4	—	—	—	—	8 867
Other, Federal subsidy	12.0	.2	2.2	4.4	1.9	.8	1.1	.6	.8	—	—	—	—	9 079
Other, State or local subsidy	1.5	.4	.2	.6	—	—	.2	.2	—	—	—	—	—	...
Other, income verification	3.5	—	.2	.4	.8	.6	.6	.8	.2	—	—	—	—	...
Subsidy or income verification not reported	1.8	—	—	.2	—	—	1.0	.6	—	—	—	—	—	...

¹For mobile home, oldest category is 1939 or earlier.
²Beginning with 1989 this item uses current income in its calculation. See appendix A.
³May reflect a temporary situation, living off savings, or response error.

Table 2-21. **Housing Costs by Selected Characteristics - 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	Less than \$100	\$100 to \$199	\$200 to \$299	\$300 to \$399	\$400 to \$499	\$500 to \$599	\$600 to \$699	\$700 to \$799	\$800 to \$999	\$1,000 to \$1,499	\$1,500 or more	No cash rent	Mortgage payment not reported	Median excluding no cash rent
RENTER OCCUPIED UNITS															
Total	215.9	2.7	11.5	17.1	32.1	49.2	40.3	22.6	12.2	11.1	4.8	.9	11.4	...	479
Rent Reductions															
No subsidy or income reporting	184.8	.5	3.1	12.8	26.0	46.3	37.7	21.4	12.1	10.4	4.8	.9	8.7	...	499
Rent control .....	-	-	-	-	-	-	-	-	-	-	-	-	-	...	...
No rent control	184.2	.5	3.1	12.8	26.0	46.1	37.7	21.2	11.9	10.4	4.8	.9	8.7	...	498
Reduced by owner	10.1	-	.6	1.2	1.6	.8	1.5	.6	-	.2	-	-	3.7	...	389
Not reduced by owner	173.5	.5	2.6	11.3	24.4	45.3	35.9	20.6	11.9	10.3	4.8	.9	5.0	...	500
Owner reduction not reported .....	.6	-	-	.2	-	-	.4	-	-	-	-	-	-	...	...
Rent control not reported .....	.6	-	-	-	-	.2	-	.2	.2	-	-	-	-	...	...
Owned by public housing authority	12.2	1.2	4.5	2.3	2.2	.8	.8	-	-	.2	-	-	.4	...	213
Other, Federal subsidy	12.0	.8	3.7	1.7	1.9	.8	.5	.4	-	-	-	-	2.2	...	224
Other, State or local subsidy	1.5	.2	.2	.2	.4	.4	-	-	-	-	-	-	.2	...	...
Other, income verification	3.5	-	-	.2	1.0	1.0	.8	.4	-	.2	-	-	-	...	...
Subsidy or income verification not reported	1.8	-	-	-	.6	-	.4	.4	.2	.2	-	-	-	...	...

¹For mobile home, oldest category is 1939 or earlier.
²Beginning with 1989 this item uses current income in its calculation. See appendix A.

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 occupied units	Housing unit characteristics				Household characteristics					Selected subareas ¹		
		New construction 4 yrs	Mobile homes	Physical problems		Black	Hispanic	Elderly (65+)	Moved in past year	Below poverty level	Area one	Area two	Area three
				Severe	Moderate								
Total	443.2	34.0	15.7	3.5	10.6	30.9	9.6	102.3	44.6	20.4	102.4	35.1	89.2
Tenure													
Owner occupied	443.2	34.0	15.7	3.5	10.6	30.9	9.6	102.3	44.6	20.4	102.4	35.1	89.2
Percent of all occupied	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Renter occupied .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Race and Origin													
White	404.8	32.4	15.1	2.8	8.3	-	7.7	93.3	40.6	16.0	79.9	25.4	86.1
Non-Hispanic	397.1	32.1	14.8	2.8	7.7	-	-	91.6	39.5	15.7	77.6	24.4	84.8
Hispanic	7.7	.2	.3	-	.5	-	7.7	1.7	1.2	.4	2.3	1.0	1.3
Black	30.9	.8	-	.2	2.1	30.9	.6	8.4	2.6	3.6	20.0	7.9	1.9
Other	7.6	.8	.6	.5	.2	-	1.3	.5	1.3	.7	2.5	1.8	1.2
Total Hispanic	9.6	.2	.3	.4	.5	.6	9.6	2.4	1.2	.6	3.1	1.5	1.3
Units in Structure													
1, detached	405.9	32.5	...	3.3	10.6	29.7	8.7	90.9	38.3	17.4	94.6	32.4	84.8
1, attached	12.1	1.0	...	-	-	.8	.4	3.6	.8	.2	2.9	1.5	1.6
2 to 4	5.4	-	...	.2	-	.2	.2	3.0	1.1	.4	2.3	-	.2
5 to 9	1.9	-	...	-	-	.2	-	.9	.6	.4	.6	-	-
10 to 19 .....	.6	.2	...	-	-	-	-	.2	.4	-	.2	-	.4
20 to 49 .....	.2	-	...	-	-	-	-	-	-	-	-	-	-
50 or more	1.4	-	...	-	-	-	-	.8	.2	-	.8	.2	.4
Mobile home or trailer	15.7	.3	15.7	-	-	-	.3	2.7	3.2	2.0	1.1	1.0	1.9
Cooperatives and Condominiums													
Cooperatives	2.0	-	-	-	-	.2	.2	1.0	.4	-	.8	.4	.2
Condominiums	8.4	.6	-	-	-	.8	.2	4.0	1.0	.2	2.3	.2	1.0
Year Structure Built²													
1995 to 1999	4.3	4.3	.3	.2	.2	.2	.2	.2	4.3	-	.2	-	1.5
1990 to 1994	39.5	29.7	.3	1.0	.8	.8	.4	2.9	7.7	.8	4.8	.5	9.8
1985 to 1989	44.5	...	3.6	.4	.6	.7	.8	4.9	4.9	.6	4.8	.6	9.3
1980 to 1984	26.0	...	2.0	.2	-	.8	.4	3.2	2.4	1.1	2.8	.9	4.3
1975 to 1979	52.4	...	2.9	.4	.6	2.0	1.5	7.2	5.6	2.7	6.9	1.7	11.1
1970 to 1974	39.4	...	3.3	.2	.6	3.4	1.3	6.3	5.3	.7	6.8	2.6	10.8
1960 to 1969	75.9	...	2.3	.2	1.3	4.0	.6	21.6	3.1	3.3	17.0	6.3	19.1
1950 to 1959	66.7	...	1.0	.2	2.4	4.4	1.1	24.1	3.8	3.0	18.5	7.9	11.8
1940 to 1949	32.3	...	-	-	1.0	4.4	.8	10.9	2.9	2.0	12.1	4.7	5.6
1930 to 1939	17.6	...	-	-	.6	3.4	.9	6.2	.8	1.5	8.5	3.6	2.1
1920 to 1929	18.7	...	-	-	.8	3.6	.6	7.0	2.1	1.5	10.3	1.9	1.3
1919 or earlier	26.0	...	-	.8	1.8	3.1	1.2	7.6	1.7	3.3	9.7	4.6	2.6
Median	1968	...	1977	...	1955	1952	1965	1958	1977	1956	1956	1954	1971

¹See back cover for details.

²For mobile home, oldest category is 1939 or earlier.

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 occupied units	Housing unit characteristics				Household characteristics					Selected subareas ¹		
		New construction 4 yrs	Mobile homes	Physical problems		Black	Hispanic	Elderly (65+)	Moved in past year	Below poverty level	Area one	Area two	Area three
				Severe	Mod-erate								
Total	443.2	34.0	15.7	3.5	10.6	30.9	9.6	102.3	44.6	20.4	102.4	35.1	89.2
Stories in Structure													
1	61.3	1.2	15.7	.2	1.5	2.1	1.1	17.2	7.9	4.5	10.0	6.4	9.8
2	248.1	14.2	-	1.0	6.1	17.1	5.1	61.6	19.7	10.4	53.7	20.2	62.5
3	122.9	18.0	-	2.3	2.6	10.5	2.8	21.0	14.7	5.4	33.6	7.8	15.5
4 to 6	9.8	.6	-	-	.4	1.1	.6	1.9	2.1	.2	4.3	.6	1.3
7 or more	1.1	-	-	-	-	-	-	.6	.2	-	.8	.2	.2
Stories Between Main and Apartment Entrances													
Multiunits, 2 or more floors	9.1	.2	...	.2	-	.4	.2	4.6	2.1	.8	3.8	.2	1.0
None (on same floor)	5.8	-	...	.2	-	.2	.2	3.4	1.2	.4	2.3	.2	.2
1 (up or down)	1.7	.2	...	-	-	.2	-	.6	.6	.2	.6	-	.4
2 or more (up or down)	1.6	-	...	-	-	-	-	.6	.4	.2	1.0	-	.4
Not reported	-	-	...	-	-	-	-	-	-	-	-	-	-
Common Stairways													
Multiunits, 2 or more floors	9.1	.2	...	.2	-	.4	.2	4.6	2.1	.8	3.8	.2	1.0
No common stairways	5.3	-	...	.2	-	.2	.2	3.0	.6	.6	2.4	-	.2
With common stairways	3.8	.2	...	-	-	.2	-	1.6	1.6	.2	1.4	.2	.8
No loose steps	3.5	-	...	-	-	.2	-	1.4	1.4	.2	1.4	-	.6
Railings not loose	3.5	-	...	-	-	.2	-	1.4	1.4	.2	1.4	-	.6
Railings loose	-	-	...	-	-	-	-	-	-	-	-	-	-
No railings	-	-	...	-	-	-	-	-	-	-	-	-	-
Status of railings not reported	-	-	...	-	-	-	-	-	-	-	-	-	-
Loose steps .....	.4	.2	...	-	-	-	-	.2	.2	-	-	.2	.2
Railings not loose .....	.4	.2	...	-	-	-	-	.2	.2	-	-	.2	.2
Railings loose	-	-	...	-	-	-	-	-	-	-	-	-	-
No railings	-	-	...	-	-	-	-	-	-	-	-	-	-
Status of railings not reported	-	-	...	-	-	-	-	-	-	-	-	-	-
Status of steps not reported	-	-	...	-	-	-	-	-	-	-	-	-	-
Status of stairways not reported	-	-	...	-	-	-	-	-	-	-	-	-	-
Light Fixtures in Public Halls													
2 or more units in structure	9.5	.2	...	.2	-	.4	.2	5.0	2.3	.8	3.8	.2	1.0
No public halls	5.7	-	...	.2	-	.2	.2	3.4	1.1	.8	2.1	-	.2
No light fixtures in public halls	-	-	...	-	-	-	-	-	-	-	-	-	-
All in working order	3.2	.2	...	-	-	-	-	1.4	1.0	-	1.3	.2	.8
Some in working order	-	-	...	-	-	-	-	-	-	-	-	-	-
None in working order	-	-	...	-	-	-	-	-	-	-	-	-	-
Unable to determine if working .....	.6	-	...	-	-	.2	-	.2	.2	-	.4	-	-
Not reported	-	-	...	-	-	-	-	-	-	-	-	-	-
Elevator on Floor													
Multiunits, 2 or more floors	9.1	.2	...	.2	-	.4	.2	4.6	2.1	.8	3.8	.2	1.0
With 1 or more elevators working	1.4	-	...	-	-	-	-	.8	.2	-	.8	.2	.4
With elevator, none in working condition	-	-	...	-	-	-	-	-	-	-	-	-	-
No elevator	7.8	.2	...	.2	-	.4	.2	3.8	1.9	.8	3.0	-	.6
Units 3 or more floors from main entrance .....	.2	-	...	-	-	-	-	-	-	-	.2	-	-
Foundation													
1 unit bldg. excl. mobile homes	418.0	33.5	...	3.3	10.6	30.5	9.0	94.6	39.1	17.6	97.5	33.9	86.4
With basement under all of building	266.0	23.0	...	1.9	7.9	23.4	5.7	61.0	24.3	11.1	73.1	22.0	50.2
With basement under part of building	107.3	9.1	...	1.0	1.5	5.7	2.8	20.5	10.4	4.6	16.4	7.5	28.1
With crawl space	29.1	.4	...	.4	1.2	.5	.5	10.0	2.3	1.3	4.4	2.8	5.8
On concrete slab	13.7	.8	...	-	-	.8	-	2.6	2.0	.4	3.2	1.7	2.2
Other	1.9	.2	...	-	-	-	-	.4	.2	.2	.4	-	-
External Building Conditions²													
Sagging roof	3.1	-	...	-	.4	.6	.4	.8	.4	.2	1.2	.2	1.0
Missing roofing material	1.7	-	...	-	.2	.5	-	.2	-	-	1.0	.4	-
Hole in roof .....	.4	-	...	-	-	-	-	-	-	-	-	-	.4
Could not see roof	1.4	-	...	-	-	.2	-	.6	.4	.2	1.0	-	.4
Missing bricks, siding, other outside wall material	4.4	-	...	-	.2	.6	-	.8	.2	.4	1.6	1.1	.8
Sloping outside walls .....	.4	-	...	-	-	-	-	-	-	-	-	-	.2
Boarded up windows	1.0	-	...	-	.4	.2	.2	.2	.2	.2	.8	-	.2
Broken windows	2.9	-	...	-	.2	.8	.2	.8	.6	.4	1.4	.6	.8
Bars on windows	1.8	-	...	-	-	1.2	-	1.0	.2	.6	1.2	.6	-
Foundation crumbling or has open crack or hole	4.3	-	.4	.2	.4	.6	.4	1.2	.4	.6	2.4	.2	.8
Could not see foundation	2.3	-	...	-	.2	.2	.2	.6	.4	-	.8	.2	.8
None of the above	426.1	34.0	15.3	3.1	9.6	27.8	8.8	98.0	43.0	18.7	96.3	31.9	85.6
Could not observe or not reported	3.6	-	...	.2	.2	.6	-	.6	.2	.2	.8	.4	1.1
Site Placement													
Mobile homes	15.7	.3	15.7	-	-	-	.3	2.7	3.2	2.0	1.1	1.0	1.9
First site	7.5	.3	7.5	-	-	-	-	2.0	1.9	1.0	.7	-	.9
Moved from another site	6.5	-	6.5	-	-	-	.3	.7	.7	.7	.3	.3	1.0
Don't know	1.3	-	1.3	-	-	-	-	-	.6	-	-	.7	-
Not reported .....	.3	-	.3	-	-	-	-	-	-	.3	-	-	-
Previous Occupancy													
Unit built 1980 or later	110.0	29.7	6.0	1.5	1.4	2.3	1.5	11.0	15.0	2.4	12.4	2.0	23.4
Not previously occupied	72.0	30.0	3.0	1.1	1.1	2.0	.8	7.7	9.1	1.5	7.1	1.1	17.6
Not reported	2.1	.4	.3	-	-	-	-	.2	.4	-	.6	-	.4

¹See back cover for details.

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

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 occupied units	Housing unit characteristics				Household characteristics					Selected subareas ¹		
		New construction 4 yrs	Mobile homes	Physical problems		Black	Hispanic	Elderly (65+)	Moved in past year	Below poverty level	Area one	Area two	Area three
				Severe	Mod-erate								
Total	443.2	34.0	15.7	3.5	10.6	30.9	9.6	102.3	44.6	20.4	102.4	35.1	89.2
Rooms													
1 room .....	.2	-	-	-	-	-	-	.2	-	-	-	-	.2
2 rooms .....	.2	-	-	-	-	-	-	-	.2	-	.2	-	-
3 rooms	2.5	-	.3	.2	-	.2	-	1.4	.2	.6	1.2	.7	-
4 rooms	32.1	.5	9.2	.2	.8	1.3	.5	10.0	4.8	3.5	5.4	4.6	6.1
5 rooms	88.7	4.1	4.2	-	2.0	8.1	1.4	26.4	8.1	4.6	21.8	10.1	21.7
6 rooms	107.5	8.0	1.6	-	3.3	2.6	8.5	3.7	26.3	10.0	6.2	30.3	22.1
7 rooms	99.6	7.4	-	1.6	2.6	7.7	1.6	21.8	8.5	2.8	22.5	5.7	20.0
8 rooms	64.4	7.9	-	.4	1.5	3.4	1.3	9.4	6.6	1.7	12.8	2.9	9.8
9 rooms	28.4	3.9	.3	.6	.6	1.0	.6	4.0	3.3	.6	4.2	.4	4.4
10 rooms or more	19.7	2.1	-	.2	.5	.8	.4	2.9	3.0	.4	4.1	.7	5.0
Median	6.4	7.1	4.3	...	6.5	6.2	6.3	6.0	6.4	5.7	6.2	5.7	6.3
Bedrooms													
None .....	.4	-	-	-	-	-	-	.2	.2	-	.2	-	.2
1	7.3	-	1.0	.2	-	.2	-	3.5	1.2	.9	1.8	1.5	1.1
2	87.8	2.7	10.3	.5	2.6	8.7	2.3	30.1	10.4	6.9	24.5	12.0	15.0
3	228.8	15.4	4.4	1.6	5.4	16.0	5.3	51.0	19.9	9.0	54.2	16.3	50.6
4 or more	118.9	15.9	-	1.2	2.5	6.0	2.0	17.5	12.9	3.6	21.8	5.4	22.3
Median	3.1	3.4	2.2	...	3.0	2.9	3.0	2.8	3.0	2.8	3.0	2.8	3.1
Complete Bathrooms													
None .....	.7	-	-	-	-	-	-	.2	-	.2	.2	-	.2
1	114.4	.6	8.1	1.0	3.3	14.0	2.7	36.1	9.6	9.4	31.9	18.4	21.6
1 and one-half	92.0	.5	3.1	.4	3.6	7.7	3.5	24.9	7.7	3.0	29.4	7.5	19.4
2 or more	236.1	32.9	4.6	2.1	3.7	9.1	3.4	41.1	27.3	7.8	40.8	9.2	48.0
Square Footage of Unit													
Single detached and mobile homes	421.6	32.8	15.7	3.3	10.6	29.7	9.0	93.7	41.5	19.4	95.7	33.4	86.7
Less than 500	1.2	.1	.7	-	-	-	-	.5	-	-	.2	.3	.3
500 to 749	5.2	-	2.9	-	-	.2	.3	1.1	1.4	.6	.4	.4	.9
750 to 999	18.1	.1	6.0	.2	.2	.2	-	5.1	1.7	.9	3.6	1.6	5.0
1,000 to 1,499	71.2	4.4	2.7	.2	1.1	2.5	1.1	15.7	6.6	2.7	12.1	4.9	22.5
1,500 to 1,999	73.1	6.4	1.6	.2	2.5	1.6	1.7	11.2	7.3	1.0	13.1	2.3	16.7
2,000 to 2,499	54.3	6.1	-	1.2	.8	1.1	.8	10.0	5.9	1.7	9.5	1.5	11.1
2,500 to 2,999	30.0	4.4	.3	.4	.4	1.1	.5	3.8	2.5	.6	5.4	1.1	6.2
3,000 to 3,999	32.9	5.2	-	.4	.4	.2	.2	4.0	5.6	1.0	6.1	.4	4.5
4,000 or more	17.4	4.0	-	.2	.4	.6	.2	4.1	2.4	.6	2.3	.8	3.2
Not reported (includes don't know)	118.2	1.9	1.5	.5	4.9	22.3	4.3	38.2	8.0	10.4	43.1	20.2	16.2
Median	1 884	2 353	899	...	1 812	1 789	1 772	1 738	1 982	1 671	1 884	1 438	1 696
Lot Size													
Less than one-eighth acre	21.2	.8	3.0	-	.8	2.5	1.1	6.8	1.1	1.8	6.8	3.5	2.6
One-eighth up to one-quarter acre	76.1	8.9	.7	.4	1.8	2.7	2.1	16.6	6.6	2.4	17.2	5.9	19.2
One-quarter up to one-half acre	73.3	6.6	.3	.2	1.9	1.0	1.5	21.2	5.3	1.9	11.9	3.9	16.5
One-half up to one acre	35.3	3.1	.6	.2	1.1	1.1	.4	7.4	4.4	1.2	6.8	2.8	7.5
1 to 4 acres	30.9	2.0	.3	.4	.3	1.1	.3	4.6	3.3	.2	3.1	2.1	4.5
5 to 9 acres	10.5	.8	1.0	.6	.6	-	-	1.9	.6	-	.8	.2	2.2
10 acres or more	20.4	2.6	1.7	.4	.4	.2	.1	5.6	1.6	.8	.2	.2	3.6
Don't know	155.5	8.0	6.8	1.1	3.5	20.9	3.5	30.6	18.2	11.3	49.1	15.6	30.1
Not reported	10.5	.8	1.2	-	.2	1.0	.4	2.7	1.3	-	2.7	.8	2.1
Median .....	.37	.35	.34	...	.36	.21	.22	.35	.43	.24	.25	.25	.34
Persons Per Room													
0.50 or less	335.3	26.7	11.4	2.0	8.6	24.8	5.5	96.2	33.8	14.8	79.9	25.5	65.8
0.51 to 1.00	104.2	7.1	3.6	1.5	2.0	5.7	3.9	5.7	10.1	4.7	21.1	9.1	23.1
1.01 to 1.50	3.7	.2	.7	-	-	.4	.2	.4	.7	.9	1.3	.5	.4
1.51 or more	-	-	-	-	-	-	-	-	-	-	-	-	-
Square Feet Per Person													
Single detached and mobile homes	421.6	32.8	15.7	3.3	10.6	29.7	9.0	93.7	41.5	19.4	95.7	33.4	86.7
Less than 200	2.5	.1	1.0	-	-	-	-	.6	.4	.7	.2	-	.3
200 to 299	12.6	.4	1.7	.2	.4	.2	.9	.9	1.0	.5	2.1	1.4	3.6
300 to 399	25.2	.9	3.2	-	.9	.6	.6	2.0	2.5	.2	3.4	1.7	7.7
400 to 499	33.0	3.0	2.3	.8	.2	.2	.6	2.4	4.0	.6	6.4	1.1	9.0
500 to 599	31.3	2.9	1.7	-	.2	.2	.9	2.7	2.1	.2	3.8	.5	8.9
600 to 699	39.1	4.2	.6	.2	1.4	1.5	.4	6.0	5.5	.8	6.3	1.6	9.4
700 to 799	27.5	3.6	1.3	.2	.2	1.2	.3	5.2	2.9	.4	5.0	1.3	7.0
800 to 899	21.1	2.4	.3	.4	.8	.4	-	5.4	3.0	.6	3.5	1.5	3.9
900 to 999	18.9	1.6	1.1	.4	.6	.4	.2	3.3	2.3	.8	3.3	.6	3.8
1,000 to 1,499	52.8	6.8	.3	.2	.2	1.7	.6	13.3	6.1	2.6	9.7	2.2	10.3
1,500 or more	39.4	5.1	.6	.4	1.0	1.1	.2	13.6	3.7	1.7	8.8	1.4	6.7
Not reported	118.2	1.9	1.5	.5	4.9	22.3	4.3	38.2	8.0	10.4	43.1	20.2	16.2
Median	729	818	450	...	684	790	536	975	747	974	781	718	661

¹See back cover for details.

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 occupied units	Housing unit characteristics				Household characteristics					Selected subareas ¹		
		New construction 4 yrs	Mobile homes	Physical problems		Black	Hispanic	Elderly (65+)	Moved in past year	Below poverty level	Area one	Area two	Area three
				Severe	Moderate								
Total	443.2	34.0	15.7	3.5	10.6	30.9	9.6	102.3	44.6	20.4	102.4	35.1	89.2
Equipment²													
Lacking complete kitchen facilities	3.8	.2	-	-	3.8	.4	.2	1.2	.4	.2	1.2	.6	.7
With complete kitchen (sink, refrigerator, oven, and burners)	439.4	33.8	15.7	3.5	6.7	30.5	9.4	101.1	44.2	20.2	101.2	34.6	88.5
Kitchen sink	439.6	33.8	15.7	3.5	6.9	30.5	9.4	101.1	44.2	20.2	101.2	34.6	88.5
Refrigerator	443.2	34.0	15.7	3.5	10.6	30.9	9.6	102.3	44.6	20.4	102.4	35.1	89.2
Less than 5 years old	156.7	23.8	3.6	1.0	3.6	11.8	2.6	27.2	24.7	4.5	36.6	10.1	33.4
Age not reported	4.5	.2	-	-	4	.4	.4	.7	.8	.4	.9	.4	.8
Burners and oven	443.1	34.0	15.7	3.5	10.4	30.9	9.6	102.3	44.6	20.4	102.4	35.1	89.2
Less than 5 years old	117.2	32.0	2.6	1.3	2.5	7.7	3.2	20.2	20.5	3.4	26.4	6.5	25.0
Age not reported	4.7	.2	-	-	.2	.2	.2	.8	1.9	.6	.9	.4	.4
Burners only	-	-	-	-	-	-	-	-	-	-	-	-	-
Less than 5 years old	-	-	-	-	-	-	-	-	-	-	-	-	-
Age not reported	-	-	-	-	-	-	-	-	-	-	-	-	-
Oven only .....	.2	-	-	-	.2	-	-	-	-	-	-	-	-
Less than 5 years old .....	.2	-	-	-	.2	-	-	-	-	-	-	-	-
Age not reported	-	-	-	-	-	-	-	-	-	-	-	-	-
Neither burners nor oven	-	-	-	-	-	-	-	-	-	-	-	-	-
Dishwasher	314.9	33.1	7.3	2.3	5.7	12.2	4.5	57.2	33.3	6.9	60.5	12.2	69.6
Less than 5 years old	118.1	31.3	2.4	1.5	2.5	5.7	2.3	14.8	19.6	1.9	25.0	3.3	24.6
Age not reported	4.7	.3	-	-	4	.4	.4	1.1	1.3	.2	.2	-	.8
Washing machine	426.1	33.8	13.8	3.3	9.8	26.9	9.2	96.4	41.1	18.8	96.0	32.7	86.5
Less than 5 years old	146.3	22.0	3.6	.7	3.0	9.6	2.3	20.3	21.8	4.1	31.7	11.0	29.3
Age not reported	3.5	.3	-	-	-	-	.4	1.5	.4	.7	.4	.4	.6
Clothes dryer	421.2	33.8	12.9	3.1	9.4	26.1	9.2	92.8	41.4	17.3	93.0	31.3	86.7
Less than 5 years old	133.5	19.5	4.0	.9	2.3	8.8	1.6	16.9	20.7	3.8	27.7	9.6	27.5
Age not reported	3.2	.2	-	-	.2	.2	.2	1.1	.4	.7	.6	.6	.6
Disposal in kitchen sink	331.1	33.0	6.0	2.9	6.5	13.5	6.0	64.7	34.8	9.3	67.5	16.9	74.4
Less than 5 years old	126.7	32.2	2.0	1.2	2.7	5.5	2.2	18.8	19.7	4.2	23.9	4.3	30.0
Age not reported	6.6	.2	-	-	.2	.2	-	1.4	2.5	.6	1.5	.4	.8
Air conditioning:													
Central	356.6	33.4	9.9	3.1	7.4	16.7	6.4	75.2	37.8	11.4	71.5	19.9	76.5
1 room unit	39.7	.2	3.8	.2	1.8	6.1	1.5	12.9	3.6	5.0	12.2	7.1	6.8
2 room units	21.3	-	.3	.2	.2	5.0	.8	5.1	1.9	1.1	9.1	4.1	3.1
3 room units or more	6.5	-	-	-	-	.6	.4	3.1	.2	-	3.6	1.1	.4
Main Heating Equipment													
Warm-air furnace	399.9	28.4	15.4	2.7	9.4	28.8	8.2	92.2	39.5	17.8	94.5	32.7	83.9
Steam or hot water system	8.5	.2	-	-	-	.6	.2	2.5	1.0	.6	4.2	.5	.7
Electric heat pump	18.3	4.5	.3	.4	.4	.8	.6	2.3	3.0	.4	2.2	.2	3.4
Built-in electric units	3.9	-	-	.2	.2	-	.4	1.3	.2	.2	.6	.4	-
Floor, wall, or other built-in hot air units without ducts	4.7	-	-	-	.2	.2	-	1.5	-	.4	.2	.8	.8
Room heaters with flue .....	.9	-	-	.2	.4	-	.2	.6	-	.2	-	.4	-
Room heaters without flue	-	-	-	-	-	-	-	-	-	-	-	-	-
Portable electric heaters	-	-	-	-	-	-	-	-	-	-	-	-	-
Stoves	4.0	.3	-	-	-	-	-	1.0	.4	.6	.4	-	-
Fireplaces with inserts	1.3	.1	-	-	-	.4	-	.2	-	.2	-	.2	.2
Fireplaces without inserts .....	.8	.4	-	-	-	-	-	.4	.4	-	-	-	-
Other .....	.8	-	-	-	-	-	-	.2	.2	.2	.2	-	.2
None .....	.2	-	-	-	-	.2	-	.2	-	-	.2	-	-
Other Heating Equipment													
With other heating equipment ²	158.2	18.9	2.5	1.6	3.8	9.3	3.7	29.7	18.9	5.3	27.7	8.8	26.5
Warm-air furnace	3.0	.3	-	-	-	-	-	.5	.4	.2	.4	-	.2
Steam or hot water system	1.0	-	-	-	-	-	-	.2	.2	-	-	-	.2
Electric heat pump	1.2	.3	-	-	-	-	-	.2	-	-	.2	-	.2
Built-in electric units	5.3	-	-	-	-	.2	.2	1.5	.6	-	.8	.5	.4
Floor, wall, or other built-in hot-air units without ducts .....	.9	-	-	-	-	-	-	.2	-	.2	.4	.2	.2
Room heaters with flue	2.9	-	-	.2	-	-	.3	1.1	-	.2	.2	.3	.2
Room heaters without flue	2.5	-	-	-	-	.2	.2	.4	-	.4	.9	.2	.6
Portable electric heaters	33.0	1.1	1.6	-	1.5	3.2	1.0	8.7	2.6	1.5	7.4	4.0	5.3
Stoves	11.2	.5	-	.2	.4	.4	-	1.5	.7	.2	1.3	1.1	2.9
Fireplaces with inserts	31.4	4.4	.6	.2	.4	1.2	.5	5.0	4.9	.4	3.7	.9	6.9
Fireplaces with no inserts	76.3	11.7	-	1.0	1.3	4.3	1.7	12.6	9.1	2.3	14.2	2.2	11.0
Other	9.3	2.4	.3	.4	.4	.2	-	1.3	1.7	.4	.4	.4	1.0
Plumbing													
With all plumbing facilities	440.9	33.8	15.7	1.1	10.6	30.7	9.6	101.7	44.0	20.2	102.2	34.9	88.5
Lacking some plumbing facilities	-	-	-	-	-	-	-	-	-	-	-	-	-
No hot piped water	-	-	-	-	-	-	-	-	-	-	-	-	-
No bathtub nor shower	-	-	-	-	-	-	-	-	-	-	-	-	-
No flush toilet	-	-	-	-	-	-	-	-	-	-	-	-	-
No plumbing facilities for exclusive use	2.3	.2	-	2.3	-	.2	-	.6	.6	.2	.2	.2	.8
Primary Source of Water													
Public system or private company	439.0	33.4	15.0	3.3	10.6	30.9	9.6	101.7	44.2	20.0	102.4	35.1	89.1
Well serving 1 to 5 units	2.8	-	.3	-	-	-	-	.4	.2	.4	-	-	.2
Drilled	1.8	-	.3	-	-	-	-	-	.2	-	-	-	.2
Dug .....	.7	-	-	-	-	-	-	.2	-	.2	-	-	-
Not reported .....	.2	-	-	-	-	-	-	.2	-	.2	-	-	-
Other	1.5	.6	.3	.2	-	-	-	.2	.2	-	-	-	-
Safety of Primary Source of Water													
Selected primary water sources ³	443.2	34.0	15.7	3.5	10.6	30.9	9.6	102.3	44.6	20.4	102.4	35.1	89.2
Safe to drink	432.5	33.9	15.7	3.5	10.2	30.4	9.2	99.5	43.1	19.6	98.9	34.8	87.3
Not safe to drink	9.9	.1	-	-	.4	.5	.4	2.3	1.3	.8	3.5	.3	1.5
Safety not reported .....	.8	-	-	-	-	-	-	.4	.2	-	-	-	.4

Table 3-4. **Selected Equipment and Plumbing - 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 occupied units	Housing unit characteristics				Household characteristics					Selected subareas ¹		
		New construction 4 yrs	Mobile homes	Physical problems		Black	Hispanic	Elderly (65+)	Moved in past year	Below poverty level	Area one	Area two	Area three
				Severe	Moderate								
Source of Drinking Water													
Primary source not safe to drink ³ -----	9.9	.1	—	—	.4	.5	.4	2.3	1.3	.8	3.5	.3	1.5
Drinking and primary water source the same -----	—	—	—	—	—	—	—	—	—	—	—	—	—
Public or private system -----	—	—	—	—	—	—	—	—	—	—	—	—	—
Individual well -----	—	—	—	—	—	—	—	—	—	—	—	—	—
Spring -----	—	—	—	—	—	—	—	—	—	—	—	—	—
Cistern -----	—	—	—	—	—	—	—	—	—	—	—	—	—
Stream or lake -----	—	—	—	—	—	—	—	—	—	—	—	—	—
Other -----	—	—	—	—	—	—	—	—	—	—	—	—	—
Drinking and primary water source different -----	5.7	.1	—	—	.2	.5	.2	1.8	.7	.2	2.2	.3	.8
Public or private system -----	—	—	—	—	—	—	—	—	—	—	—	—	—
Individual well -----	—	—	—	—	—	—	—	—	—	—	—	—	—
Spring -----	.2	—	—	—	—	—	—	.2	—	—	—	—	—
Cistern -----	—	—	—	—	—	—	—	—	—	—	—	—	—
Stream or lake -----	—	—	—	—	—	—	—	—	—	—	—	—	—
Commercial bottled water -----	3.3	—	—	—	.2	.3	.2	1.2	.2	—	1.4	.3	.2
Other -----	2.2	.1	—	—	—	.2	—	.4	.5	.2	.8	—	.6
Source of water not reported -----	4.2	—	—	—	.2	—	.2	.6	.6	.6	1.4	—	.8
Means of Sewage Disposal													
Public sewer -----	381.2	28.8	12.0	2.1	9.3	30.3	9.3	90.3	39.8	18.5	98.0	30.6	80.1
Septic tank, cesspool, chemical toilet -----	62.1	5.2	3.7	1.4	1.3	.6	.2	12.0	4.8	1.9	4.4	4.5	9.2
Other -----	—	—	—	—	—	—	—	—	—	—	—	—	—

¹See back cover for details.

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

³Excludes units where primary source of drinking water is commercial bottled water.

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 occupied units	Housing unit characteristics				Household characteristics					Selected subareas ¹		
		New construction 4 yrs	Mobile homes	Physical problems		Black	Hispanic	Elderly (65+)	Moved in past year	Below poverty level	Area one	Area two	Area three
				Severe	Mod-erate								
Total	443.2	34.0	15.7	3.5	10.6	30.9	9.6	102.3	44.6	20.4	102.4	35.1	89.2
Main House Heating Fuel													
Housing units with heating fuel	443.1	34.0	15.7	3.5	10.6	30.7	9.6	102.1	44.6	20.4	102.2	35.1	89.2
Electricity	34.5	6.1	1.2	.8	.8	1.9	1.2	5.4	5.6	.5	5.3	.5	6.7
Piped gas	378.1	25.6	11.2	2.1	9.2	28.3	8.2	90.5	36.5	18.4	95.6	33.6	78.1
Bottled gas	18.2	.7	2.9	.2	.6	.2	—	3.9	1.3	.5	.2	.4	2.6
Fuel oil	2.9	.2	.3	.2	—	—	.2	.4	.2	.2	.4	.4	.2
Kerosene or other liquid fuel .....	.5	—	—	—	—	—	—	—	—	—	—	—	.2
Coal or coke	—	—	—	—	—	—	—	—	—	—	—	—	—
Wood	7.0	.8	—	—	—	.4	—	1.7	.8	.8	.6	.2	.4
Solar energy	—	—	—	—	—	—	—	—	—	—	—	—	—
Other	1.9	.4	—	.2	—	—	—	.2	.2	—	.2	—	1.1
Other House Heating Fuels													
With other heating fuels ²	72.1	7.2	.6	.8	1.9	5.1	1.8	11.7	6.1	2.1	13.1	3.9	15.7
Electricity	19.6	1.0	.3	—	.8	2.6	.6	5.4	.8	1.1	4.8	2.6	3.4
Piped gas	3.1	.3	—	—	—	.4	—	.6	.4	—	1.2	—	.9
Bottled gas	2.1	.4	—	.2	—	—	—	.2	.4	.2	—	—	—
Fuel oil .....	.4	—	—	—	.2	—	—	—	—	—	.2	.2	—
Kerosene or other liquid fuel	1.1	—	—	—	.2	—	.2	.2	—	—	.2	—	.4
Coal or coke .....	.2	—	—	—	—	—	—	—	—	—	—	—	—
Wood	46.1	5.3	.3	.6	.9	2.1	1.1	5.9	4.7	.8	6.3	1.3	11.3
Solar energy	1.3	.2	—	—	—	—	—	—	—	—	.2	—	.2
Other	1.7	.1	—	—	—	—	—	.2	.3	—	.6	—	.1
Not reported .....	.6	.2	—	—	—	—	—	.2	.1	—	—	—	—
Cooking Fuel													
With cooking fuel	443.0	34.0	15.7	3.5	10.6	30.9	9.6	102.3	44.6	20.4	102.4	35.1	89.2
Electricity	309.0	32.3	3.6	2.5	5.4	13.0	5.4	61.3	32.8	8.3	57.7	14.9	66.7
Piped gas	124.7	1.3	9.8	.8	4.8	17.7	4.0	37.9	11.6	11.2	44.5	19.8	21.1
Bottled gas	8.6	.4	2.3	—	.4	.2	—	2.8	.2	.7	.2	.2	1.1
Kerosene or other liquid fuel .....	.2	—	—	—	—	—	—	—	—	—	—	—	—
Coal or coke	—	—	—	—	—	—	—	—	—	—	—	—	—
Wood	—	—	—	—	—	—	—	—	—	—	—	—	—
Solar energy	—	—	—	—	—	—	—	—	—	—	—	—	—
Other .....	.6	—	—	.2	—	—	.2	.2	—	.2	—	.2	.4
Water Heating Fuel													
With hot piped water	443.2	34.0	15.7	3.5	10.6	30.9	9.6	102.3	44.6	20.4	102.4	35.1	89.2
Electricity	50.1	6.0	4.8	.8	1.0	1.7	.8	8.9	6.5	1.9	6.0	2.4	8.5
Piped gas	376.7	26.7	8.3	2.3	9.2	29.0	8.8	90.0	36.7	17.3	96.2	32.3	78.1
Bottled gas	14.5	.9	2.3	.2	.4	.2	—	3.2	1.3	1.3	.2	.4	1.3
Fuel oil .....	.7	—	.3	—	—	—	—	—	—	—	—	—	.2
Kerosene or other liquid fuel .....	.2	—	—	—	—	—	—	—	—	—	—	—	.2
Coal or coke	—	—	—	—	—	—	—	—	—	—	—	—	—
Wood	—	—	—	—	—	—	—	—	—	—	—	—	—
Solar energy	—	—	—	—	—	—	—	—	—	—	—	—	—
Other	1.1	.3	—	.2	—	—	—	.2	.1	—	—	—	1.1
Central Air Conditioning Fuel													
With central air conditioning	356.6	33.4	9.9	3.1	7.4	16.7	6.4	75.2	37.8	11.4	71.5	19.9	76.5
Electricity	344.2	33.4	9.3	2.9	7.0	16.2	5.8	71.8	36.6	10.6	69.6	18.7	74.4
Piped gas	11.0	—	.6	.2	.4	.6	.5	3.0	.8	.6	1.9	1.3	1.9
Other	1.3	—	—	—	—	—	—	.4	.4	.2	—	—	.2
Clothes Dryer Fuel													
With clothes dryer	421.2	33.8	12.9	3.1	9.4	26.1	9.2	92.8	41.4	17.3	93.0	31.3	86.7
Electricity	294.0	29.7	12.2	2.7	5.6	17.5	6.6	55.2	33.6	12.1	55.8	15.8	60.1
Piped gas	124.0	3.8	.3	.4	3.8	8.4	2.6	36.7	7.3	4.8	37.2	15.3	26.2
Other	3.2	.2	.3	—	—	.2	—	1.0	.4	.4	—	.2	.4
Units Using Each Fuel²													
Electricity	443.2	34.0	15.7	3.5	10.6	30.9	9.6	102.3	44.6	20.4	102.4	35.1	89.2
All-electric units	21.0	4.4	1.2	.6	.6	.2	.2	3.6	3.3	.2	1.6	.2	3.1
Piped gas	398.4	28.8	11.8	2.3	9.4	30.3	9.3	93.7	40.1	18.8	101.0	34.2	82.3
Bottled gas	23.4	1.6	2.9	.6	.6	.2	.2	4.7	2.0	1.5	.2	.6	3.3
Fuel oil	6.1	.6	.3	.6	.2	—	.2	.9	.8	.2	1.0	.6	1.2
Kerosene or other liquid fuel	1.8	.2	—	—	.2	—	.2	.2	—	—	.2	—	.6
Coal or coke .....	.2	—	—	—	—	—	—	—	—	—	—	—	—
Wood	53.1	6.1	.3	.6	.9	2.5	1.1	7.7	5.4	1.5	6.9	1.5	11.6
Solar energy	1.3	.2	—	—	—	—	—	—	—	—	.2	—	.2
Other	3.8	.5	—	.4	—	—	.2	.4	.5	.2	.8	.2	1.2

¹See back cover for details.

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

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 occupied units	Housing unit characteristics				Household characteristics					Selected subareas ¹		
		New construction 4 yrs	Mobile homes	Physical problems		Black	Hispanic	Elderly (65+)	Moved in past year	Below poverty level	Area one	Area two	Area three
				Severe	Moderate								
Total	443.2	34.0	15.7	3.5	10.6	30.9	9.6	102.3	44.6	20.4	102.4	35.1	89.2
Water Supply Stoppage													
With hot and cold piped water	443.2	34.0	15.7	3.5	10.6	30.9	9.6	102.3	44.6	20.4	102.4	35.1	89.2
No stoppage in last 3 months	430.3	32.4	13.6	3.3	10.0	29.8	8.6	101.1	42.7	19.8	100.1	34.0	87.4
With stoppage in last 3 months	9.7	.8	2.1	.2	.4	.8	1.0	.9	1.5	.4	1.2	1.1	1.2
No stoppage lasting 6 hours or more	4.1	.4	1.1	—	.2	.2	.4	.6	.6	.2	.6	.4	.2
1 time lasting 6 hours or more	4.3	.4	.7	.2	.2	.6	.6	.2	.4	.2	.4	.6	.8
2 times .....	.5	—	.4	—	—	—	—	.2	.4	—	—	—	.2
3 times .....	.3	—	—	—	—	—	—	—	—	—	.2	—	—
4 times or more .....	.2	—	—	—	—	—	—	—	.2	—	—	.2	—
Number of times not reported .....	.3	—	—	—	—	—	—	—	—	—	—	—	—
Stoppage not reported	3.3	.8	—	—	.2	.4	—	.2	.4	.2	1.1	—	.6
Flush Toilet Breakdowns													
With one or more flush toilets	443.2	34.0	15.7	3.5	10.6	30.9	9.6	102.3	44.6	20.4	102.4	35.1	89.2
With at least one working toilet at all times in last 3 months	423.4	33.2	15.4	3.1	9.0	28.7	9.2	97.2	42.1	19.1	99.2	32.1	86.6
None working some time in last 3 months	17.0	.5	.4	.2	1.6	2.0	.4	4.5	2.1	1.4	2.7	2.8	2.7
No breakdowns lasting 6 hours or more	4.9	.2	—	—	—	.2	.2	1.1	.2	—	.7	.6	.8
1 time lasting 6 hours or more	8.3	—	—	.2	.6	1.7	.2	2.2	1.1	1.1	1.3	1.9	1.0
2 times	1.0	—	.4	—	.2	.2	—	—	.6	.2	.2	.2	—
3 times .....	.2	—	—	—	.2	—	—	—	.2	—	—	—	—
4 times or more .....	.7	.3	—	—	.7	—	—	.2	—	—	.4	—	—
Number of times not reported	1.9	.1	—	—	—	—	—	.9	—	—	—	.2	1.0
Breakdowns not reported	2.8	.2	—	.2	—	.2	—	.6	.4	—	.6	.2	—
Sewage Disposal Breakdowns													
With public sewer	381.2	28.8	12.0	2.1	9.3	30.3	9.3	90.3	39.8	18.5	98.0	30.6	80.1
No breakdowns in last 3 months	374.7	27.8	12.0	2.1	8.5	28.8	9.3	89.3	39.0	17.9	95.2	29.9	78.9
With breakdowns in last 3 months	6.5	1.0	—	—	.7	1.5	—	.9	.8	.6	2.7	.7	1.2
No breakdowns lasting 6 hours or more	1.5	.2	—	—	.2	.4	—	.2	.4	.2	.8	—	.2
1 time lasting 6 hours or more	4.4	.8	—	—	.4	.8	—	.7	.2	.4	1.8	.4	1.0
2 times .....	.4	—	—	—	.2	.2	—	—	—	—	.2	.2	—
3 times	—	—	—	—	—	—	—	—	—	—	—	—	—
4 times or more .....	.2	—	—	—	—	.2	—	—	.2	—	—	.2	—
With septic tank or cesspool	62.1	5.2	3.7	1.4	1.3	.6	.2	12.0	4.8	1.9	4.4	4.5	9.2
No breakdowns in last 3 months	60.6	5.2	3.7	1.4	1.1	.6	.2	12.0	4.8	1.9	4.1	4.5	9.0
With breakdowns in last 3 months	1.4	—	—	—	.2	—	—	—	—	—	.4	—	.2
No breakdowns lasting 6 hours or more .....	.2	—	—	—	—	—	—	—	—	—	—	—	—
1 time lasting 6 hours or more	1.0	—	—	—	—	—	—	—	—	—	.2	—	.2
2 times	—	—	—	—	—	—	—	—	—	—	—	—	—
3 times .....	.1	—	—	—	—	—	—	—	—	—	—	—	—
4 times or more .....	.2	—	—	—	.2	—	—	—	—	—	.2	—	—
Heating Problems													
With heating equipment and occupied last winter	430.3	29.6	14.4	3.1	10.0	30.1	9.0	100.9	33.0	19.9	100.1	34.1	86.3
Not uncomfortably cold for 24 hours or more last winter	412.1	28.1	12.6	2.0	8.7	28.4	8.0	98.4	31.3	17.4	96.2	31.8	84.5
Uncomfortably cold for 24 hours or more last winter ²	17.9	1.3	1.9	1.1	1.3	1.7	1.0	2.5	1.5	2.5	3.9	2.3	1.6
Equipment breakdowns	6.6	.7	.3	.9	.5	.9	.8	—	.8	.7	1.7	.7	.9
No breakdowns lasting 6 hours or more .....	.2	—	—	—	—	—	—	—	—	—	—	—	—
1 time lasting 6 hours or more	4.8	.4	.3	—	.5	.9	.4	—	.4	.5	1.5	.4	.9
2 times .....	.5	.2	—	.2	—	.2	—	—	—	.2	—	.2	—
3 times	—	—	—	—	—	—	—	—	—	—	—	—	—
4 times or more .....	.7	.1	—	.7	—	—	.2	—	.4	—	—	.1	—
Number of times not reported .....	.4	—	—	—	—	—	—	—	—	—	.2	—	—
Other causes	11.8	.6	1.6	.4	.8	.8	.4	2.5	.7	1.8	2.4	1.6	.5
Utility interruption	4.3	.6	.7	.2	—	—	—	1.0	.2	—	.2	—	.2
Inadequate heating capacity	2.9	—	—	—	.4	.6	.2	1.0	—	1.0	1.6	.6	.4
Inadequate insulation	1.5	—	.3	.2	.4	.2	.2	.4	—	.5	—	.6	—
Other	3.1	—	.6	—	—	—	—	.2	.5	.3	.6	.4	—
Not reported	—	—	—	—	—	—	—	—	—	—	—	—	—
Reason for discomfort not reported .....	.2	—	—	—	—	—	—	—	—	—	—	—	.2
Discomfort not reported .....	.4	.2	—	—	—	—	—	—	.2	—	—	—	.2
Electric Fuses and Circuit Breakers													
With electrical wiring	443.2	34.0	15.7	3.5	10.6	30.9	9.6	102.3	44.6	20.4	102.4	35.1	89.2
No fuses or breakers blown in last 3 mo.	385.9	31.0	14.1	2.5	8.2	27.2	7.8	91.3	37.8	17.4	89.8	30.5	78.9
With fuses or breakers blown in last 3 mo.	54.1	2.8	1.6	1.0	2.0	3.2	1.7	10.6	5.9	2.8	12.0	4.3	9.8
1 time	29.4	1.7	1.0	.4	.6	1.9	.9	6.1	2.7	1.9	6.8	2.3	4.8
2 times	10.9	.2	.3	.2	.5	.5	.2	1.5	2.3	.6	2.5	.7	2.1
3 times	3.3	.3	—	—	.3	.4	—	.5	—	—	1.1	.2	.5
4 times or more	5.2	—	—	.4	.4	.2	.4	.8	.6	.2	.8	1.0	.8
Number of times not reported	5.3	.6	.3	—	.2	.2	.2	1.7	.3	.2	.8	.2	1.6
Problem not reported or don't know	3.3	.2	—	—	.4	.6	—	.4	1.0	.2	.6	.4	.6

¹See back cover for details.

²Other causes and equipment breakdowns may not add to total as both may be reported.

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 occupied units	Housing unit characteristics				Household characteristics					Selected subareas ¹		
		New construction 4 yrs	Mobile homes	Physical problems		Black	Hispanic	Elderly (65+)	Moved in past year	Below poverty level	Area one	Area two	Area three
				Severe	Moderate								
Total	443.2	34.0	15.7	3.5	10.6	30.9	9.6	102.3	44.6	20.4	102.4	35.1	89.2
Selected Amenities²													
Porch, deck, balcony, or patio	410.5	32.7	13.8	3.1	9.8	29.0	7.9	90.9	40.6	19.1	95.2	31.0	82.2
Not reported	1.3	-	-	.2	-	-	-	.8	-	-	.2	-	.2
Telephone available	425.3	32.7	15.4	3.1	10.0	29.0	8.6	97.6	41.6	17.8	98.5	32.3	85.0
Useable fireplace	258.5	30.0	1.3	2.7	5.7	12.5	4.8	47.8	27.6	6.0	52.2	10.3	50.2
Separate dining room	279.3	23.5	2.1	2.9	6.8	24.4	7.0	62.4	28.8	11.0	72.3	20.1	49.2
With 2 or more living rooms or recreation rooms, etc.	226.7	21.4	.4	2.7	4.8	12.1	4.5	43.9	22.9	5.6	47.9	11.7	45.2
Garage or carport included with home	374.3	32.9	2.9	2.7	7.6	20.2	6.6	84.2	35.7	12.6	79.8	24.8	80.2
Garage or carport not included	64.9	.9	12.8	.6	2.8	9.4	3.0	17.0	8.3	7.2	20.5	10.3	9.1
Offstreet parking included	51.6	.9	9.5	.6	1.6	7.8	1.7	13.4	6.1	4.7	15.7	7.7	8.0
Offstreet parking not reported	3.2	-	-	-	.2	-	-	.6	-	.4	.6	.4	.8
Garage or carport not reported	4.1	.2	-	.2	.2	1.3	-	1.0	.6	.6	2.1	-	-
Cars and Trucks Available²													
No cars, trucks, or vans	14.3	-	1.0	-	1.2	3.1	.8	11.0	.4	3.5	7.0	1.7	2.5
Other households without cars	34.1	4.1	1.6	.2	1.6	.7	1.1	4.3	3.1	1.0	5.5	2.4	7.5
1 car with or without trucks or vans	213.9	14.3	9.6	1.5	3.8	14.3	3.7	59.0	23.0	12.2	52.7	18.8	45.6
2 cars	143.9	13.5	3.5	1.4	3.4	10.3	3.6	23.7	16.3	3.4	30.4	9.3	27.3
3 or more cars	37.1	-	-	.4	.6	2.4	.4	4.2	1.8	.4	6.8	2.9	6.3
With cars, no trucks or vans	212.8	14.9	7.5	1.8	5.6	20.2	5.2	62.2	21.9	11.9	59.0	18.6	35.5
1 truck or van with or without cars	166.0	15.0	5.6	1.6	2.8	6.1	2.7	24.7	17.7	3.8	28.9	11.5	39.1
2 or more trucks or vans	50.2	4.1	1.6	.1	1.0	1.5	.9	4.4	4.6	1.2	7.6	3.3	12.1
Selected Deficiencies²													
Signs of rats in last 3 months	5.9	.4	-	.6	1.7	1.0	.8	1.4	.4	1.2	1.9	1.2	.7
Holes in floors	2.7	.4	-	.2	1.4	.4	.2	.4	.2	.6	.6	.6	.2
Open cracks or holes (interior)	18.1	.5	1.4	.4	4.2	1.9	.8	3.0	1.3	1.2	4.1	2.1	3.1
Broken plaster or peeling paint (interior)	13.6	.6	-	.4	4.5	2.3	.6	2.6	1.3	2.1	3.2	2.5	2.5
No electrical wiring	-	-	-	-	-	-	-	-	-	-	-	-	-
Exposed wiring	4.8	.2	-	.4	.6	.2	.2	1.7	1.0	.6	1.7	.8	.7
Rooms without electric outlets	3.6	.2	-	.2	.2	-	.2	1.0	.2	.2	.9	.6	.2
Water Leakage During Last 12 Months													
No leakage from inside structure	396.0	31.3	13.7	3.3	6.9	27.1	8.8	95.2	39.8	18.2	89.3	30.3	80.9
With leakage from inside structure ²	46.3	2.7	2.0	.2	3.6	3.8	.7	6.7	4.8	2.2	12.9	4.8	8.2
Fixtures backed up or overflowed	22.0	.9	1.3	-	2.2	2.9	.4	2.7	2.5	.9	7.6	2.6	2.2
Pipes leaked	20.6	1.6	.7	.2	1.6	.9	.4	3.2	2.1	1.3	3.8	2.2	5.4
Other or unknown (includes not reported)	5.2	.2	-	-	.2	.4	.2	.9	.4	.2	1.9	.4	.7
Interior leakage not reported .....	.9	-	-	-	-	-	-	.4	-	-	.2	-	.2
No leakage from outside structure	316.7	27.0	13.4	2.0	4.8	20.8	6.1	75.4	32.0	13.9	70.2	24.2	64.0
With leakage from outside structure ²	125.9	6.9	2.3	1.5	5.8	10.1	3.5	26.5	12.6	6.5	32.2	10.9	25.2
Roof	33.7	1.8	1.0	.4	3.0	3.7	.6	5.5	4.2	2.0	8.2	3.0	5.7
Basement	74.0	2.3	-	1.0	2.5	6.0	2.5	16.1	6.0	3.5	21.4	6.5	16.8
Walls, closed windows, or doors	16.7	2.7	.6	.1	.7	.2	.2	3.8	2.4	.8	2.9	.7	2.3
Other or unknown (includes not reported)	10.0	.8	.7	.2	.6	.6	.4	1.7	1.0	.8	2.8	.6	1.9
Exterior leakage not reported .....	.6	-	-	-	-	-	-	.4	-	-	-	-	-
Overall Opinion of Structure													
1 (worst)	1.0	-	-	.2	-	.6	.2	.4	-	.2	.8	.2	-
2 .....	.8	.2	-	-	.2	-	.2	.2	.4	.2	.4	.2	-
3	1.5	.1	.3	.1	.2	.2	-	-	.2	.2	.7	.7	-
4	3.2	-	-	-	.4	.6	-	.7	.2	.2	1.3	.4	.4
5	23.5	.2	2.6	-	1.3	2.9	.2	6.3	2.7	1.5	4.9	4.4	2.9
6	16.0	.7	-	.2	.9	1.9	.6	3.5	2.3	.8	4.7	2.3	2.7
7	41.8	1.7	2.3	.2	1.5	2.7	.9	7.2	4.3	2.6	10.4	1.9	8.9
8	107.0	6.5	4.3	.7	.7	5.5	2.6	18.3	11.5	5.1	24.8	8.4	21.8
9	70.8	5.8	2.0	.6	1.0	5.5	.6	14.3	6.6	3.2	19.0	5.7	11.8
10 (best)	175.6	18.8	4.2	1.4	4.0	11.0	4.1	50.1	16.5	6.3	34.9	10.5	40.5
Not reported	2.1	-	-	-	.2	.2	.2	1.2	-	.2	.4	.4	.2
Selected Physical Problems													
Severe physical problems ²	3.5	.6	-	3.5	...	.2	.4	.6	1.0	.4	.4	.5	.8
Plumbing	2.3	.2	-	2.3	...	.2	-	.6	.6	.2	.2	.2	.8
Heating .....	.7	.1	-	.7	...	-	.2	-	.4	-	-	.1	-
Electric .....	.2	-	-	.2	...	-	.2	-	-	.2	-	.2	-
Upkeep .....	.2	-	-	.2	...	-	-	-	-	-	.2	-	-
Hallways	-	-	-	-	...	-	-	-	-	-	-	-	-
Moderate physical problems ²	10.6	.7	-	...	10.6	2.1	.5	2.9	1.1	1.2	3.3	1.7	1.7
Plumbing .....	.9	.3	-	...	.9	-	-	.2	.2	-	.4	-	-
Heating	-	-	-	...	-	-	-	-	-	-	-	-	-
Upkeep	5.9	.2	-	...	5.9	1.7	.4	1.5	.5	1.0	1.7	1.2	.9
Hallways	-	-	-	...	-	-	-	-	-	-	-	-	-
Kitchen	3.8	.2	-	...	3.8	.4	.2	1.2	.4	.2	1.2	.6	.7

¹See back cover for details.

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

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 occupied units	Housing unit characteristics				Household characteristics					Selected subareas ¹		
		New construction 4 yrs	Mobile homes	Physical problems		Black	Hispanic	Elderly (65+)	Moved in past year	Below poverty level	Area one	Area two	Area three
				Severe	Mod-erate								
Total	443.2	34.0	15.7	3.5	10.6	30.9	9.6	102.3	44.6	20.4	102.4	35.1	89.2
Overall Opinion of Neighborhood													
1 (worst)	4.5	-	.3	.2	.2	1.2	-	1.7	.4	1.1	1.9	1.5	.2
2	2.6	-	-	-	.2	.8	.2	1.2	.4	.2	.9	1.3	-
3	5.0	-	.7	-	-	.4	.4	.8	-	.7	2.7	.7	.4
4	7.0	-	.4	-	.2	.6	-	1.2	.6	.4	2.7	1.4	.9
5	29.7	.6	1.9	-	1.0	3.4	.6	8.3	2.2	2.4	8.7	4.7	5.9
6	18.4	.8	-	-	.8	1.1	.2	2.6	2.8	1.0	6.8	1.9	3.6
7	42.5	1.7	.9	.6	1.3	2.7	1.0	9.5	4.1	1.7	11.8	2.6	9.7
8	100.0	6.3	4.1	.2	2.4	8.9	3.1	17.8	9.0	3.9	26.2	7.0	21.5
9	70.3	6.2	1.7	.6	1.1	3.9	.9	12.4	9.7	1.9	14.5	4.7	14.4
10 (best)	157.6	18.2	5.8	2.0	2.8	7.5	3.0	43.5	15.0	6.9	24.9	8.7	31.8
No neighborhood	1.1	-	-	-	.2	-	-	.9	.4	.2	-	-	-
Not reported	4.4	-	-	-	.4	.4	.2	2.3	-	.2	1.2	.6	.8
Neighborhood Conditions													
With neighborhood	437.7	34.0	15.7	3.5	10.0	30.5	9.4	99.0	44.2	20.0	101.2	34.5	88.5
No problems	251.8	22.3	8.4	1.7	5.3	15.1	3.8	63.6	25.4	10.5	48.9	17.2	52.8
With problems ²	184.9	11.4	7.4	1.6	4.7	15.4	5.3	35.0	18.8	9.5	51.7	17.2	35.6
Crime	29.8	.8	1.0	.4	1.2	4.6	.8	5.0	2.9	2.3	14.0	4.9	5.5
Noise	31.9	2.2	.7	-	1.0	5.3	1.5	6.8	2.7	2.4	11.0	4.7	4.4
Traffic	41.7	1.5	.4	.4	1.5	4.0	.4	5.1	4.6	2.3	10.9	4.5	9.6
Litter or housing deterioration	40.2	1.0	.6	-	.9	4.8	1.3	9.5	2.6	1.3	11.1	5.0	8.9
Poor city or county services	12.8	.5	-	-	.5	1.7	.3	2.2	.8	.6	4.1	1.7	1.8
Undesirable commercial, institutional, industrial	6.9	-	.4	-	.2	.2	.5	1.5	.7	.4	2.1	.2	1.3
People	57.4	2.1	2.9	.2	2.1	6.7	1.9	13.8	4.7	2.8	17.2	6.2	10.0
Other	41.8	4.9	3.1	1.0	.8	1.3	.7	6.3	5.7	1.8	8.2	3.3	7.9
Type of problem not reported	3.5	.8	-	-	.2	.6	.2	.2	.6	-	.8	.6	.4
Presence of problems not reported	1.0	.2	-	.2	-	-	.2	.4	-	-	.6	.2	-
Description of Area Within 300 Feet²													
Single-family detached houses	391.7	30.9	2.3	2.7	10.0	29.5	8.8	88.3	37.6	16.6	96.9	31.8	82.7
Only single-family detached	260.6	15.0	-	1.9	5.3	18.9	5.8	61.1	22.2	11.9	70.3	23.0	52.2
Single-family attached or 1 to 3 story multiunit	36.2	1.8	.7	.2	.6	1.7	.8	10.6	4.0	2.5	8.7	2.7	6.9
4 to 6 story multiunit	1.5	-	-	-	-	.2	-	.2	.2	-	.8	-	.5
7 stories or more multiunit	1.0	.2	-	-	-	.2	.2	.4	.4	-	.2	.4	.4
Mobile homes	16.2	.3	12.8	-	-	.2	.5	3.7	3.6	2.2	1.3	1.8	2.4
Commercial, institutional, or industrial	33.8	1.8	1.3	.2	1.9	3.8	1.3	9.8	3.5	1.9	9.0	3.4	9.2
Residential parking lots	9.8	.2	1.0	.2	-	.6	.6	2.3	1.5	.8	2.3	1.0	1.8
Body of water	12.7	3.3	.9	.2	-	.2	.4	1.9	2.2	.2	.4	-	3.7
Open space, park, woods, farm, or ranch	119.2	16.7	7.4	1.2	3.1	7.7	1.3	24.0	14.0	3.8	14.1	5.2	27.2
4+ lane highway, railroad, or airport	16.3	.8	1.0	-	.8	.2	.6	3.9	.6	.4	2.9	.7	7.3
Other	5.9	.4	.7	-	-	.2	-	1.7	.4	.2	.9	.2	1.5
Not observed or not reported .....	.4	-	-	-	-	-	-	.2	-	-	-	.2	.2
Age of Other Residential Buildings Within 300 Feet													
Older	8.5	2.2	-	.2	-	.8	.2	1.1	1.0	.2	2.1	.6	1.0
About the same	358.6	27.6	8.5	1.9	8.3	27.4	8.2	83.6	34.8	16.1	90.3	29.1	74.9
Newer	11.2	.8	.3	.2	.2	1.0	-	2.9	1.0	.9	2.7	1.3	.9
Very mixed	40.1	1.4	4.6	.4	1.5	1.3	1.1	8.7	5.1	2.3	6.1	3.3	9.3
No other residential buildings	21.1	1.6	2.0	.8	.6	.4	.1	5.0	2.0	1.0	.6	.2	2.3
Not reported	3.7	.2	.3	-	-	-	-	1.0	.7	-	.6	.6	.8
Mobile Homes in Group													
Mobile homes	15.7	.3	15.7	-	-	-	.3	2.7	3.2	2.0	1.1	1.0	1.9
1 to 6	5.4	-	5.4	-	-	-	-	1.0	.3	-	.3	-	1.3
7 to 20 .....	.9	-	.9	-	-	-	-	-	-	.3	-	-	-
21 or more	9.4	.3	9.4	-	-	-	.3	1.7	2.9	1.7	.7	1.0	.6
Other Buildings Vandalized or With Interior Exposed													
None	411.6	31.9	12.5	2.7	9.4	27.2	8.8	94.3	41.7	18.5	99.1	33.2	86.0
1 building	3.9	-	.7	-	-	1.5	.4	1.5	.6	.2	1.5	.8	.5
More than 1 building	2.1	-	.3	-	.4	1.0	.4	.6	-	.4	.8	.4	-
No buildings within 300 feet	21.1	1.6	2.0	.8	.6	.4	.1	5.0	2.0	1.0	.6	.2	2.3
Not reported	4.6	.5	.3	-	.3	.8	-	1.0	.3	.4	.4	.6	.4
Bars on Windows of Buildings													
With other buildings within 300 feet	417.5	31.9	13.4	2.7	9.7	29.7	9.5	96.3	42.3	19.0	101.5	34.3	86.6
No bars on windows	398.4	31.5	13.1	2.5	9.0	19.8	9.0	89.4	41.0	16.8	88.7	31.3	84.9
1 building with bars	3.7	-	-	-	.2	1.5	-	1.4	.4	.4	2.3	1.0	.4
2 or more buildings with bars	13.1	.2	-	.2	.4	8.4	.6	5.2	.8	1.9	10.2	2.1	.4
Not reported	2.4	.2	.3	-	.2	-	-	.3	.2	-	.2	-	.9
Condition of Streets													
No repairs needed	313.1	28.3	7.6	2.9	5.1	16.1	5.5	68.2	33.8	11.6	69.3	15.7	70.9
Minor repairs needed	111.4	3.7	6.5	.2	5.1	14.0	3.3	32.0	8.0	8.0	29.8	17.9	15.9
Major repairs needed	11.6	.9	1.0	.2	.2	.8	.6	.6	1.3	.4	2.5	1.0	1.5
No streets within 300 feet	5.1	.8	.7	.2	-	-	-	1.0	1.2	.2	.6	.2	.8
Not reported	2.1	.2	-	-	.2	-	.2	.6	.2	.2	.2	.4	.2
Trash, Litter, or Junk on Streets or any Properties													
None	371.4	32.5	12.0	3.1	7.3	15.8	6.8	83.6	38.3	14.8	75.6	19.8	78.4
Minor accumulation	63.1	1.1	3.4	.4	2.9	13.7	2.4	17.0	5.8	4.7	24.4	13.0	9.7
Major accumulation	6.3	.2	.3	-	.4	1.2	.4	1.3	.4	.6	2.0	1.5	1.0
Not reported	2.5	.2	-	-	-	.2	-	.4	.2	.4	.4	.7	.2

¹See back cover for details.²Figures may not add to total because more than one category may apply to a unit.

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 occupied units	Housing unit characteristics				Household characteristics					Selected subareas ¹		
		New construction 4 yrs	Mobile homes	Physical problems		Black	Hispanic	Elderly (65+)	Moved in past year	Below poverty level	Area one	Area two	Area three
				Severe	Mod-erate								
Own Never Married Children Under 18 Years Old													
No own children under 18 years -----	289.7	16.5	11.1	1.8	6.9	22.9	5.0	101.4	23.4	13.9	70.8	25.8	58.1
With own children under 18 years -----	153.6	17.4	4.6	1.7	3.7	8.0	4.6	.9	21.2	6.5	31.6	9.3	31.2
Under 6 years only -----	32.7	5.4	1.0	.4	1.0	.8	.4	—	7.1	1.7	7.3	2.7	6.6
1 -----	19.4	3.5	—	.2	.4	.6	—	—	5.3	.6	5.2	1.0	3.5
2 -----	11.8	1.7	1.0	.1	.6	.2	.4	—	1.6	.9	2.1	1.5	2.8
3 or more -----	1.5	.2	—	—	—	—	—	—	.2	.2	—	.2	.4
6 to 17 years only -----	92.5	8.2	3.0	.6	2.3	5.5	2.7	.9	10.4	3.6	17.3	6.2	18.5
1 -----	41.3	3.1	1.9	.2	1.3	3.3	.6	.4	5.4	1.5	9.5	2.4	7.8
2 -----	35.7	3.8	.3	.4	.8	1.7	1.5	.2	3.4	1.3	5.6	2.5	7.8
3 or more -----	15.5	1.3	.7	—	.2	.6	.4	—	1.6	.8	2.3	1.3	3.0
Both age groups -----	28.4	3.8	.7	.8	.4	1.7	1.5	—	3.7	1.3	6.9	.4	6.0
2 -----	10.8	1.8	.3	.2	—	.9	.7	—	1.0	.4	2.5	—	1.6
3 or more -----	17.6	2.0	.3	.6	.4	.8	.8	—	2.7	.9	4.4	.4	4.4
Persons Other Than Spouse or Children²													
With other relatives -----	87.4	4.5	1.9	1.2	1.9	9.7	2.1	14.4	8.5	3.4	20.0	8.6	18.7
Single adult offspring 18 to 29 -----	52.5	3.1	1.0	1.0	1.3	4.7	1.1	2.1	2.8	1.9	9.8	4.5	11.3
Single adult offspring 30 years of age or over -----	13.5	—	.3	—	.4	1.7	.5	8.8	.9	.4	4.3	1.7	2.3
Households with three generations -----	10.6	—	—	—	.2	1.5	.5	1.9	1.0	1.1	2.7	1.7	1.7
Households with 1 subfamily -----	12.0	—	—	—	.4	2.5	.4	2.4	1.2	1.1	3.1	2.1	1.4
Subfamily householder age under 30 -----	6.3	—	—	—	.2	1.7	—	.4	.4	1.1	1.7	1.3	.4
30 to 64 -----	5.1	—	—	—	.2	.8	.4	2.0	.6	—	1.3	.6	1.0
65 and over -----	.6	—	—	—	—	—	—	—	.2	—	—	.2	—
Households with 2 or more subfamilies -----	.4	—	—	—	—	.4	—	.2	—	.2	.4	—	—
Households with other types of relatives -----	21.2	1.4	.6	.2	—	3.1	.5	4.5	4.0	.8	6.0	1.9	5.2
With non-relatives -----	16.0	.6	1.0	.2	.2	.9	.2	1.3	4.3	1.3	3.7	1.9	3.6
Co-owners or co-renters -----	3.2	.2	.3	—	—	.2	—	.2	1.2	.6	.8	.2	.2
Lodgers -----	...	...	...	...	...	...	...	...	...	...	...	...	...
Unrelated children, under 18 years old -----	4.0	.4	.3	—	.2	.7	—	.2	1.5	.5	.6	1.1	.9
Other non-relatives -----	6.5	.4	.3	.2	—	.2	.2	.6	1.5	.7	1.6	.7	1.7
One or more secondary families -----	3.4	.4	.3	—	—	.4	—	—	1.5	.5	.6	.5	.9
2-person households, none related to each other -----	9.2	.2	.6	—	—	—	—	.7	2.2	.4	2.4	.7	2.1
3-8 person households, none related to each other -----	.4	—	—	—	.2	.2	—	.2	—	—	—	.2	—
Educational Attainment of the Householder													
Less than 9th grade -----	16.6	.1	1.9	.2	.4	2.2	.9	11.1	.5	2.1	4.8	2.8	3.2
9th to 12th grade, no diploma -----	29.1	.4	2.6	—	1.4	3.9	1.1	10.8	3.3	6.3	9.0	4.4	4.5
High school graduate (includes equivalency) -----	155.4	8.7	6.8	1.2	4.3	12.2	4.0	43.3	12.5	5.1	36.3	14.6	32.4
Additional vocational training -----	14.5	1.6	.3	—	.2	1.1	.5	3.2	1.1	.4	3.6	1.5	2.9
Some college, no degree -----	97.2	8.9	3.8	.8	1.5	7.8	1.0	18.1	12.6	3.4	23.5	7.4	23.0
Associate degree -----	17.9	.8	—	—	.3	.7	.7	3.0	1.3	.4	2.8	1.7	6.3
Bachelor's degree -----	83.8	10.0	.7	.5	1.7	2.7	1.1	10.0	9.9	2.0	16.3	2.9	13.8
Graduate or professional degree -----	43.3	5.0	—	.8	1.0	1.4	.7	6.0	4.5	1.0	9.7	1.3	6.0
Percent high school graduate or higher -----	89.7	98.7	71.3	94.6	83.1	80.5	79.0	78.6	91.5	58.7	86.5	79.7	91.4
Percent bachelor's degree or higher -----	28.7	44.4	4.2	37.6	24.8	13.1	19.5	15.7	32.2	14.8	25.4	12.1	22.2
Year Householder Moved Into Unit													
1995 to 1999 -----	20.0	5.5	1.6	.4	1.0	1.0	.8	1.0	20.0	.9	4.3	1.4	4.4
1990 to 1994 -----	139.5	28.5	6.8	2.1	1.6	8.0	2.4	9.1	24.6	4.2	28.3	8.5	27.7
1985 to 1989 -----	86.6	...	3.0	.4	1.7	2.8	2.8	9.3	...	2.6	16.3	4.3	16.4
1980 to 1984 -----	43.6	...	2.3	.2	.6	3.0	.6	6.9	...	1.9	10.3	3.6	10.2
1975 to 1979 -----	43.1	...	1.0	—	2.1	3.4	.8	9.1	...	2.3	10.1	4.1	6.4
1970 to 1974 -----	32.7	...	.7	.2	.8	4.0	.3	13.3	...	1.9	9.7	2.9	7.6
1960 to 1969 -----	46.8	...	.3	—	1.5	4.8	1.3	26.8	...	4.2	14.0	4.7	12.0
1950 to 1959 -----	23.0	...	—	.2	.8	2.8	.2	19.4	...	2.1	7.3	4.3	2.7
1940 to 1949 -----	6.4	...	—	—	.6	.9	.4	6.1	...	.2	1.7	1.1	1.3
1939 or earlier -----	1.6	...	—	—	—	.2	—	1.4	...	.2	.4	.2	.6
Median -----	1986	...	1990	...	1979	1979	1987	1969	...	1978	1984	1980	1986
Household Moves and Formation in Last Year													
Total with a move in last year -----	59.7	12.0	3.2	1.2	1.1	3.8	1.7	5.4	44.6	2.5	11.5	4.8	13.3
Household all moved here from one unit -----	35.6	10.1	3.2	.6	1.1	1.9	1.0	3.2	35.6	1.0	6.8	1.9	7.7
Householder of previous unit did not move here -----	4.0	.8	.9	—	—	.6	—	.2	4.0	.3	1.0	.7	1.2
Householder of previous unit moved here -----	30.1	8.9	2.3	.6	1.1	1.3	1.0	2.8	30.1	.5	5.6	1.3	6.5
Householder of previous unit not reported -----	1.5	.4	—	—	—	—	—	.2	1.5	.2	.2	—	—
Household moved here from two or more units -----	4.5	.6	—	.4	—	.2	—	—	4.5	.2	.9	.6	1.4
No previous householder moved here -----	1.2	—	—	—	—	—	—	—	1.2	—	.2	.2	.4
1 previous householder moved here -----	.6	—	—	.2	—	—	—	—	.6	—	.2	—	.2
2 or more previous householders moved here -----	2.7	.6	—	.2	—	.2	—	—	2.7	.2	.6	.4	.8
Previous householder(s) not reported -----	—	—	—	—	—	—	—	—	—	—	—	—	—
Some already here, rest moved in -----	19.0	1.3	—	.2	—	1.7	.7	2.3	3.9	1.3	3.8	2.1	4.0
No previous householder moved here -----	5.5	.4	—	—	—	.6	.4	.6	.2	.9	.9	1.1	2.1
1 or more previous householders moved here -----	11.3	.9	—	—	—	1.0	.2	1.7	3.5	—	2.5	.6	1.5
Previous householder(s) not reported -----	2.3	—	—	—	—	.2	.2	—	.2	.4	.4	.4	.4
Number of previous units not reported -----	.6	—	—	—	—	—	—	—	.6	—	—	.2	.2

¹See back cover for details.

²Figures may not add to total because more than one category may apply.

Table 3-10. Previous Unit of Recent Movers - 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 occupied units	Housing unit characteristics				Household characteristics					Selected subareas ¹		
		New construction 4 yrs	Mobile homes	Physical problems		Black	Hispanic	Elderly (65+)	Moved in past year	Below poverty level	Area one	Area two	Area three
				Severe	Moderate								
UNITS WHERE HOUSEHOLDER MOVED DURING PAST YEAR													
Total	44.6	11.2	3.2	1.0	1.1	2.6	1.2	3.4	44.6	1.4	8.7	2.9	9.7
Location of Previous Unit													
Inside same (P)MSA	35.2	8.3	2.6	.4	.6	2.4	.8	2.3	35.2	1.4	7.3	2.9	8.6
In central city(s)	7.2	1.3	.3	—	.4	1.5	.6	.2	7.2	.2	4.8	.3	1.2
Not in central city(s)	28.0	7.0	2.3	.4	.2	1.0	.2	2.1	28.0	1.2	2.5	2.6	7.4
Inside different (P)MSA in same state	1.6	.2	.3	—	—	—	.2	.5	1.6	—	—	—	—
In central city(s)	1.3	.2	—	—	—	—	.2	.2	1.3	—	—	—	—
Not in central city(s) .....	.3	—	.3	—	—	—	—	.3	.3	—	—	—	—
Inside different (P)MSA in different state	5.4	1.9	—	.6	.4	.2	.2	.2	5.4	—	1.2	—	.6
In central city(s)	4.8	1.7	—	.4	.4	.2	.2	.2	4.8	—	1.0	—	.6
Not in central city(s) .....	.6	.2	—	.2	—	—	—	—	.6	—	.2	—	—
Outside any metropolitan area	2.4	.7	.3	—	.2	—	—	.4	2.4	—	.2	—	.6
Same state	1.3	.3	—	—	.2	—	—	.2	1.3	—	.2	—	.6
Different state	1.1	.4	.3	—	—	—	—	.2	1.1	—	—	—	—
Different nation	—	—	—	—	—	—	—	—	—	—	—	—	—
Structure Type of Previous Residence													
Moved from within United States	44.6	11.2	3.2	1.0	1.1	2.6	1.2	3.4	44.6	1.4	8.7	2.9	9.7
House	33.0	8.9	1.0	.8	.8	1.9	1.0	3.2	33.0	.6	6.0	1.5	7.9
Apartment	9.1	1.9	1.3	—	.4	.8	.2	.2	9.1	.1	2.7	.8	1.6
Mobile home	1.0	—	.6	—	—	—	—	—	1.0	.6	—	.3	—
Other	1.5	.4	.3	.2	—	—	—	—	1.5	—	—	.3	.2
Tenure of Previous Residence													
House, apt., mobile home in United States	43.1	10.8	2.9	.8	1.1	2.6	1.2	3.4	43.1	1.4	8.7	2.6	9.5
Owner occupied	23.8	7.0	1.0	.4	.8	1.3	.6	2.8	23.8	.9	3.9	1.6	5.2
Renter occupied	19.3	3.8	1.9	.4	.4	1.3	.6	.6	19.3	.4	4.8	1.0	4.3
Persons - Previous Residence													
House, apt., mobile home in United States	43.1	10.8	2.9	.8	1.1	2.6	1.2	3.4	43.1	1.4	8.7	2.6	9.5
1 person	4.0	1.0	—	—	.2	.2	—	.8	4.0	.2	1.1	—	1.4
2 persons	11.8	3.5	.6	.2	.4	.6	.2	1.9	11.8	—	2.1	.5	2.6
3 persons	11.7	2.7	1.0	.2	.2	.9	.4	.5	11.7	.1	2.7	1.1	2.3
4 persons	6.2	1.5	.4	—	.4	.2	.2	—	6.2	—	1.0	—	1.6
5 persons	4.9	1.4	.6	.4	—	.4	.2	—	4.9	.6	1.0	.5	.8
6 persons	1.6	.3	.3	—	—	.4	.2	—	1.6	.2	.4	.2	.5
7 persons or more .....	.4	—	—	—	—	—	—	—	.4	—	—	—	.2
Not reported	2.5	.4	—	—	—	—	—	.2	2.5	.2	.4	.2	.2
Median	2.9	2.8	...	...	...	...	...	...	2.9	...	2.8	...	2.8
Previous Home Owned or Rented by Someone Who Moved Here													
House, apt., mobile home in United States	43.1	10.8	2.9	.8	1.1	2.6	1.2	3.4	43.1	1.4	8.7	2.6	9.5
Owned or rented by a mover	35.9	10.0	2.3	.8	1.1	1.9	1.2	3.0	35.9	.7	7.1	1.7	7.7
Owned or rented by other	4.7	.4	.6	—	—	.7	—	.2	4.7	.5	1.2	.7	1.6
By a relative	4.0	.4	.3	—	—	.7	—	.4	4.0	.2	1.2	.7	1.4
By a nonrelative .....	.4	—	—	—	—	—	—	.2	.4	—	—	—	.2
Not reported .....	.3	—	.3	—	—	—	—	—	.3	.3	—	—	—
Not reported	2.5	.4	—	—	—	—	—	.2	2.5	.2	.4	.2	.2
Change in Housing Costs													
House, apt., mobile home in United States	43.1	10.8	2.9	.8	1.1	2.6	1.2	3.4	43.1	1.4	8.7	2.6	9.5
Increased with move	28.0	7.6	1.3	.4	.5	2.1	1.0	1.2	28.0	.4	5.8	1.3	6.8
Stayed about the same	8.3	2.3	1.0	.4	.6	.5	.2	1.2	8.3	.6	1.3	1.1	1.7
Decreased	3.9	.6	.7	—	—	—	—	.8	3.9	.2	1.0	—	.8
Don't know .....	.4	—	—	—	—	—	—	—	.4	—	.2	—	—
Not reported	2.5	.4	—	—	—	—	—	.2	2.5	.2	.4	.2	.2

¹See back cover for details.

Table 3-11. Reasons for Move and Choice of Current Residence - 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 occupied units	Housing unit characteristics				Household characteristics					Selected subareas ¹		
		New construction 4 yrs	Mobile homes	Physical problems		Black	Hispanic	Elderly (65+)	Moved in past year	Below poverty level	Area one	Area two	Area three
				Severe	Mod-erate								
RESPONDENT MOVED DURING PAST YEAR													
Total	44.7	11.2	3.2	1.0	1.1	2.6	1.2	3.4	44.4	1.4	8.7	3.1	9.7
Reasons for Leaving Previous Unit²													
Private displacement	1.3	.1	—	—	—	.2	—	—	1.3	—	.4	.1	.2
Owner to move into unit	—	—	—	—	—	—	—	—	—	—	—	—	—
To be converted to condominium or cooperative	—	—	—	—	—	—	—	—	—	—	—	—	—
Closed for repairs	—	—	—	—	—	—	—	—	—	—	—	—	—
Other .....	.8	—	—	—	—	.2	—	—	.8	—	.4	—	—
Not reported .....	.5	.1	—	—	—	—	—	—	.5	—	—	.1	.2
Government displacement .....	.6	.2	—	—	—	—	—	—	.6	—	—	—	.2
Government wanted building or land	—	—	—	—	—	—	—	—	—	—	—	—	—
Unit unfit for occupancy .....	.2	.2	—	—	—	—	—	—	.2	—	—	—	—
Other .....	.2	—	—	—	—	—	—	—	.2	—	—	—	.2
Not reported .....	.2	—	—	—	—	—	—	—	.2	—	—	—	—
Disaster loss (fire, flood, etc.)	—	—	—	—	—	—	—	—	—	—	—	—	—
New job or job transfer	6.5	2.5	.7	.4	.4	—	.4	—	6.5	.3	1.2	.3	1.0
To be closer to work/school/other	2.7	.8	.3	—	.2	—	.4	—	2.7	.1	.6	.2	.2
Other, financial/employment related	1.5	.2	—	—	—	—	—	—	1.5	—	.6	—	.4
To establish own household	5.6	.6	.6	—	—	—	.7	—	5.6	.5	1.1	1.1	1.0
Needed larger house or apartment	9.4	2.6	.4	—	.2	—	1.3	.4	9.4	.2	2.3	1.1	2.3
Married	1.2	.2	—	—	.2	—	.2	—	1.2	—	.2	—	.2
Widowed, divorced or separated	1.2	.2	—	—	—	—	—	.2	1.2	—	.2	—	.6
Other, family/person related	3.9	1.0	.3	.2	.2	—	.2	1.8	3.9	.2	.8	—	1.0
Wanted better home	5.5	1.9	—	—	—	—	.4	.2	5.5	—	1.2	.2	1.4
Change from owner to renter	—	—	—	—	—	—	—	—	—	—	—	—	—
Change from renter to owner	10.3	2.2	1.0	.2	.2	.6	.6	.2	10.3	.1	2.7	.6	2.5
Wanted lower rent or maintenance .....	.6	—	—	—	—	—	—	—	.6	—	—	—	.4
Other housing related reasons	2.2	.8	—	—	—	—	—	.4	2.2	—	.2	—	.8
Other	6.9	1.5	.3	.2	.2	.2	.2	.8	6.6	—	1.3	.2	1.7
Not reported	1.7	.6	—	—	—	—	—	.2	1.7	—	.2	—	—
Choice of Present Neighborhood²													
Convenient to job	8.0	2.0	.7	.2	.4	.6	.4	.4	8.0	.3	1.5	.5	2.0
Convenient to friends or relatives	7.3	1.6	.3	.2	—	—	.4	1.1	7.1	.2	.8	.2	1.8
Convenient to leisure activities	2.9	.7	—	.2	—	—	—	.4	2.9	—	.2	—	.6
Convenient to public transportation .....	.2	—	—	—	—	—	—	—	.2	—	—	—	—
Good schools	7.4	2.4	—	.2	.2	.2	.4	—	7.4	.1	1.0	.2	1.8
Other public services	1.3	.4	—	.2	.2	.2	.2	—	1.3	—	.2	—	.4
Looks/design of neighborhood	14.2	4.4	—	.2	.4	.6	.2	1.1	14.2	.2	2.5	.4	3.9
House was most important consideration	18.7	4.8	.6	.4	.4	1.9	.8	1.5	18.5	—	5.1	1.6	4.3
Other	10.9	3.3	1.9	.2	.2	.4	.2	.2	10.9	.5	2.3	.5	1.7
Not reported	2.4	.6	—	—	—	—	—	.4	2.4	.2	.2	.2	—
Neighborhood Search													
Looked at just this neighborhood	13.2	1.7	2.0	.4	.2	.6	.4	2.0	13.0	.8	3.9	1.2	2.8
Looked at other neighborhood(s)	29.7	8.9	1.3	.6	.9	2.1	.8	1.1	29.5	.6	4.6	1.7	6.9
Not reported	1.9	.6	—	—	—	—	—	.2	1.9	—	.2	.2	—
Choice of Present Home²													
Financial reasons	17.9	3.1	2.0	.4	.2	1.4	.6	.6	17.7	.6	3.9	1.7	3.3
Room layout/design	16.5	6.5	.6	.2	.4	.9	.6	.8	16.5	.1	2.9	.2	5.1
Kitchen	1.8	.8	—	.2	—	.2	—	.2	1.8	.1	.4	—	.6
Size	10.2	2.5	—	.6	.2	.5	.2	.2	10.2	.3	2.3	.3	2.0
Exterior appearance	7.0	1.5	—	.2	.4	.6	—	.7	7.0	—	1.8	.7	1.4
Yard/trees/view	6.6	1.4	—	.4	.2	.2	.2	.4	6.6	—	1.3	—	1.8
Quality of construction	5.5	2.2	—	.2	.2	.2	.2	.4	5.5	—	1.0	—	2.0
Only one available	2.6	.4	.3	.2	—	—	—	.9	2.6	—	—	—	.2
Other	10.3	2.2	.7	—	.4	.8	.2	.6	10.2	.9	2.5	1.1	1.6
Home Search													
Now in house	39.2	10.7	—	1.0	1.1	2.6	1.0	2.1	38.9	.5	7.7	2.4	9.5
Looked at only this unit	1.7	.4	—	.2	—	—	—	.2	1.7	—	.2	—	.6
Looked at houses or mobile homes only	29.4	7.6	—	.6	1.1	1.9	1.0	1.1	29.0	.3	6.4	2.0	6.9
Looked at apartments too	6.2	1.9	—	.2	—	.8	—	.8	6.2	.2	1.0	.2	2.0
Search not reported	1.9	.8	—	—	—	—	—	—	1.9	—	.2	—	—
Now in mobile home	3.2	.3	3.2	—	—	—	—	.3	3.2	.6	—	.7	—
Looked at only this unit	—	—	—	—	—	—	—	—	—	—	—	—	—
Looked at houses or mobile homes only	1.6	.3	1.6	—	—	—	—	.3	1.6	.3	—	.3	—
Looked at apartments too	1.6	—	1.6	—	—	—	—	—	1.6	.3	—	.3	—
Search not reported	—	—	—	—	—	—	—	—	—	—	—	—	—
Now in apartment	2.3	.2	—	—	—	—	.2	1.0	2.3	.2	1.0	—	.2
Looked at only this unit .....	.2	—	—	—	—	—	—	—	.2	—	.2	—	—
Looked at apartments only	1.3	—	—	—	—	—	.2	.4	1.3	—	.8	—	—
Looked at houses or mobile homes too .....	.6	.2	—	—	—	—	—	.4	.6	.2	—	—	.2
Search not reported .....	.2	—	—	—	—	—	—	.2	.2	—	—	—	—
Recent Mover Comparison to Previous Home													
Better home	29.8	8.7	2.0	.6	.9	1.9	.8	1.2	29.6	.1	5.9	1.8	6.7
Worse home	5.4	.2	.3	.2	.2	—	—	.9	5.4	.4	1.6	—	1.4
About the same	7.4	1.7	.9	.2	—	.8	.4	1.1	7.2	.6	1.0	1.1	1.6
Not reported	2.1	.6	—	—	—	—	—	.2	2.1	.2	.2	.2	—
Recent Mover Comparison to Previous Neighborhood													
Better neighborhood	23.7	7.1	1.9	.4	.8	.9	.8	.7	23.5	.8	3.3	1.8	6.4
Worse neighborhood	4.9	.4	.7	.2	—	.2	—	.9	4.9	—	1.5	.4	1.2
About the same	12.6	2.7	.7	.4	.4	1.1	.4	1.6	12.5	.4	3.1	.5	2.1
Same neighborhood	1.4	.4	—	—	—	.4	—	—	1.4	—	.6	.2	—
Not reported	2.1	.6	—	—	—	—	—	.2	2.1	.2	.2	.2	—

¹See back cover for details.

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

Table 3-12. 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 occupied units	Housing unit characteristics				Household characteristics					Selected subareas ¹		
		New construction 4 yrs	Mobile homes	Physical problems		Black	Hispanic	Elderly (65+)	Moved in past year	Below poverty level	Area one	Area two	Area three
				Severe	Mod-erate								
Total	443.2	34.0	15.7	3.5	10.6	30.9	9.6	102.3	44.6	20.4	102.4	35.1	89.2
Household Income													
Less than \$5,000	6.5	.2	.3	-	.6	1.7	-	2.0	-	6.5	2.9	1.0	.6
\$5,000 to \$9,999	18.7	.2	1.3	.2	.8	2.7	-	12.3	.4	10.7	8.0	3.1	1.7
\$10,000 to \$14,999	22.8	.6	1.7	.2	.6	2.9	1.1	14.2	1.2	1.9	6.6	3.4	2.7
\$15,000 to \$19,999	25.4	.3	2.5	.4	1.4	2.1	1.0	13.0	2.6	1.1	5.6	3.9	5.9
\$20,000 to \$24,999	34.7	.2	2.4	-	.6	3.7	1.1	15.0	3.7	.2	10.5	4.9	6.6
\$25,000 to \$29,999	38.2	1.2	1.7	-	1.2	4.0	1.1	14.9	3.2	-	12.9	3.6	7.3
\$30,000 to \$34,999	27.3	1.5	1.6	.2	1.1	2.3	.4	6.4	2.9	-	4.8	2.0	7.2
\$35,000 to \$39,999	24.1	1.6	.3	.2	-	1.9	.8	4.1	3.8	-	7.1	1.5	5.5
\$40,000 to \$49,999	55.2	3.7	1.9	-	.9	2.1	.4	7.6	4.9	-	12.8	4.5	13.7
\$50,000 to \$59,999	48.2	3.5	.7	.8	.9	3.2	1.3	3.7	5.5	-	9.5	2.2	10.2
\$60,000 to \$79,999	70.7	8.6	1.0	.4	.9	2.4	1.0	4.9	8.0	-	10.1	3.3	14.8
\$80,000 to \$99,999	35.9	5.1	.3	.4	.8	1.3	.4	1.9	2.5	-	6.4	1.0	6.9
\$100,000 to \$119,999	14.3	3.3	-	.4	.4	.2	.9	.8	2.3	-	2.5	.4	3.1
\$120,000 or more	21.3	4.0	-	.4	.3	.4	.2	1.5	3.4	-	2.7	.4	3.0
Median	44 332	69 591	24 239	...	30 660	27 990	35 547	23 226	49 002	6 730	34 913	26 921	45 121
As percent of poverty level:													
Less than 50 percent	6.3	.2	.3	-	.4	1.5	-	1.2	-	6.3	2.7	1.0	.6
50 to 99	14.1	.2	1.7	.4	.8	2.1	.6	7.0	1.4	14.1	4.8	3.0	1.3
100 to 149	29.5	.7	1.7	-	1.2	4.4	1.3	14.6	2.0	...	10.8	4.6	4.1
150 to 199	31.2	.6	1.3	.4	1.4	2.9	1.6	11.6	2.8	...	8.4	3.9	6.0
200 percent or more	362.1	32.2	10.8	2.7	6.8	19.9	6.1	67.8	38.4	...	75.7	22.6	77.2
Income of Families and Primary Individuals													
Less than \$5,000	7.3	.2	.3	-	.6	1.7	-	2.0	.4	6.9	3.1	1.0	.8
\$5,000 to \$9,999	18.8	.2	1.3	.2	.8	2.7	-	12.3	.6	10.7	7.8	3.3	1.7
\$10,000 to \$14,999	24.1	.6	2.0	.2	.6	2.9	1.1	14.4	1.3	1.5	7.2	3.5	2.8
\$15,000 to \$19,999	26.3	.3	2.9	.4	1.4	2.1	1.0	13.1	2.9	1.1	5.6	4.2	6.1
\$20,000 to \$24,999	35.2	.2	2.1	-	.8	3.9	1.1	14.8	3.7	.2	10.7	5.0	6.4
\$25,000 to \$29,999	39.1	1.2	1.4	-	1.2	4.0	1.1	15.1	3.4	-	13.1	3.2	7.7
\$30,000 to \$34,999	28.5	1.5	1.6	.2	1.1	2.7	.4	6.4	3.3	-	5.2	2.2	7.2
\$35,000 to \$39,999	24.6	1.6	.3	.2	-	2.1	.8	4.1	3.3	-	6.9	1.5	5.9
\$40,000 to \$49,999	54.3	3.9	1.9	-	.7	1.9	.4	7.6	4.5	-	12.5	3.9	14.1
\$50,000 to \$59,999	46.2	3.5	.7	.8	.9	2.7	1.3	3.5	5.0	-	8.8	2.1	10.0
\$60,000 to \$79,999	68.4	8.4	1.0	.4	.9	2.4	1.0	4.9	7.9	-	10.1	3.3	14.0
\$80,000 to \$99,999	34.9	5.1	.3	.4	.8	1.3	.4	1.7	2.5	-	6.2	1.0	6.3
\$100,000 to \$119,999	14.7	3.5	-	.4	.4	.2	.9	.8	2.3	-	2.5	.4	3.1
\$120,000 or more	20.9	3.8	-	.4	.3	.4	.2	1.5	3.4	-	2.7	.4	3.0
Median	43 259	69 347	23 333	...	29 862	27 762	35 547	23 142	47 280	6 538	33 605	25 770	44 175
Income Sources of Families and Primary Individuals													
Wages and salaries	344.8	31.4	11.7	2.9	7.5	23.6	8.4	27.5	40.3	5.5	74.5	25.5	69.4
Wages and salaries were majority of income 2 or more people each earned over 20% of wages and salaries	309.3	30.5	11.0	2.9	6.9	22.3	7.3	12.7	39.2	4.3	68.5	22.9	62.2
Business, farm, or ranch	146.4	18.0	3.8	.6	3.0	7.8	3.3	3.6	16.6	.6	28.4	9.3	30.4
Social security or pensions	62.8	5.2	.6	.8	1.0	.9	.6	11.2	5.2	2.7	11.7	2.2	10.9
Interest	143.0	3.3	5.1	.8	3.9	11.9	3.2	100.0	6.1	10.7	36.1	15.5	28.3
Stock dividend(s)	239.8	19.8	2.0	1.7	4.9	7.5	4.3	68.3	20.6	6.3	48.5	12.5	49.1
Rental income	121.4	11.2	1.3	1.2	1.9	3.0	1.6	30.3	10.2	2.2	24.9	4.8	23.6
With lodger(s)	44.0	3.0	.9	.6	.6	1.3	.4	11.9	5.9	1.2	9.8	1.8	9.3
Welfare or SSI .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Alimony or child support	10.4	.2	1.6	-	.6	2.3	.2	1.7	1.9	3.7	4.0	.8	.7
Other	19.3	2.4	.3	.2	.2	1.6	1.1	.2	3.4	.8	5.2	1.5	3.1
Total	33.5	4.0	1.3	-	.4	1.5	.8	5.0	3.1	1.0	4.7	2.9	5.9
Amount of Savings and Investments													
Income of \$25,000 or less	118.3	1.5	9.2	.8	4.3	14.2	3.7	59.0	9.5	20.4	37.3	17.6	18.7
No savings or investments	51.2	.2	4.8	.6	1.9	10.2	1.9	21.0	4.5	11.6	19.4	10.3	6.5
\$25,000 or less	35.3	.9	2.4	-	1.4	2.8	1.1	20.6	2.8	4.0	10.0	4.7	7.8
More than \$25,000	16.3	.2	.3	.2	.6	.2	.2	9.8	1.1	1.4	3.5	1.3	2.7
Not reported	15.4	.2	1.7	-	.4	1.0	.4	7.6	1.1	3.5	4.4	1.3	1.7
Food Stamps													
Income of \$25,000 or less	118.3	1.5	9.2	.8	4.3	14.2	3.7	59.0	9.5	20.4	37.3	17.6	18.7
Family members received food stamps	6.7	-	.9	-	.8	1.9	.2	1.9	1.0	3.9	3.3	1.0	.2
Did not receive food stamps	103.6	1.3	8.0	.8	2.7	11.3	3.3	54.6	7.6	14.0	31.7	15.2	17.5
Not reported	7.9	.2	.3	-	.8	1.0	.2	2.5	.9	2.5	2.3	1.5	.9

¹See back cover for details.

Table 3-13. 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 occupied units	Housing unit characteristics				Household characteristics					Selected subareas ¹		
		New construction 4 yrs	Mobile homes	Physical problems		Black	Hispanic	Elderly (65+)	Moved in past year	Below poverty level	Area one	Area two	Area three
				Severe	Mod-erate								
Monthly Costs Paid for Selected Utilities and Fuels													
Water paid separately	370.0	28.7	7.6	2.9	8.8	21.3	7.2	83.1	34.1	14.9	90.3	14.8	83.2
Median	26	38	37	...	27	22	28	21	29	21	22	18	29
Trash paid separately	225.4	19.8	2.9	2.1	3.6	3.3	4.0	47.5	22.2	6.3	15.2	12.1	76.4
Median	14	...	...	...	...	...	...	11	15	11	10	10	13
Bottled gas paid separately	23.2	1.6	2.9	.6	.6	.2	.2	4.7	1.8	1.5	.2	.6	3.1
Median	54	...	...	...	...	...	...	58	...	...	...	...	...
Other fuel paid separately	41.3	5.1	.3	.2	.5	1.9	1.5	5.5	4.3	1.5	6.4	1.7	7.0
Median	10-	10-	...	...	...	...	...	10-	...	...	10-	...	10-
Cost and Ownership Sharing													
Ownership shared by person not living here	17.8	.8	.7	.2	1.0	1.7	.4	6.5	2.4	2.5	5.7	2.1	2.1
Costs shared by person not living here	2.5	—	—	—	.2	.2	—	.6	—	.6	1.3	.4	—
Costs not shared	15.1	.8	.7	.2	.8	1.5	.4	5.9	2.4	1.9	4.1	1.7	2.1
Cost sharing not reported .....	.2	—	—	—	—	—	—	—	—	—	.2	—	—
Ownership not shared	417.4	33.2	15.0	3.1	9.4	27.7	9.0	93.2	40.2	17.1	92.9	32.4	86.6
Costs shared by person not living here	1.1	.2	—	.2	—	—	.2	.2	.6	.2	.4	—	—
Costs not shared	415.6	33.0	15.0	2.9	9.4	27.7	8.8	93.0	39.7	16.9	92.5	32.2	86.6
Cost sharing not reported .....	.6	—	—	—	—	—	—	—	—	—	—	.2	—
Ownership sharing not reported	8.1	—	—	.2	.2	1.5	.2	2.5	1.9	.8	3.8	.6	.6
Monthly Payment for Principal and Interest													
Less than \$100	10.0	.4	.3	—	—	2.3	.2	1.9	.8	.8	3.5	1.5	1.9
\$100 to \$199	20.2	.2	1.9	—	1.0	2.1	.2	2.8	2.1	.9	5.7	2.4	2.4
\$200 to \$249	11.8	.2	1.0	—	—	1.2	.3	1.4	.6	—	2.9	.9	2.4
\$250 to \$299	18.7	.5	1.7	—	.7	2.2	.7	1.3	2.6	.6	4.6	1.9	5.2
\$300 to \$349	23.9	.7	1.0	—	.4	2.1	.4	2.3	2.4	.2	7.0	2.5	5.3
\$350 to \$399	20.3	.9	.3	.6	.4	.9	.6	.7	2.3	.6	5.2	2.6	4.2
\$400 to \$449	24.9	1.3	.4	—	.5	1.1	.4	.8	1.8	.2	5.8	1.3	6.8
\$450 to \$499	18.9	.8	—	—	.7	.5	.5	1.9	1.7	—	3.7	.5	4.8
\$500 to \$599	38.2	5.1	—	.4	.2	1.5	.5	.6	5.9	.2	6.4	.9	9.7
\$600 to \$699	28.0	3.3	—	.2	.2	1.5	.4	.4	2.7	.5	4.0	.8	6.0
\$700 to \$799	19.2	2.4	—	.4	.4	.9	.4	.4	3.0	.2	4.2	.8	2.9
\$800 to \$999	21.0	4.6	—	.4	.4	.4	.6	.2	2.7	.2	3.8	.1	2.3
\$1,000 to \$1,249	15.1	5.2	—	.2	—	.6	—	.6	2.9	.8	2.6	—	2.4
\$1,250 to \$1,499	5.8	1.6	—	.4	.4	—	.2	.2	1.6	—	.6	—	.8
\$1,500 or more	9.1	3.5	—	.3	.2	—	.2	.2	1.7	.2	.7	.1	2.7
Not reported	1.7	—	—	—	—	—	—	—	.2	.2	.2	.2	.2
Median	484	782	251	...	427	321	448	310	554	365	413	330	468
Average Monthly Cost Paid for Real Estate Taxes													
Less than \$25	40.3	2.4	11.8	.2	1.2	8.4	1.1	11.5	6.1	4.5	15.9	3.2	4.5
\$25 to \$49	88.9	.9	2.0	.8	3.3	10.0	2.3	24.8	8.1	7.7	31.9	7.6	23.3
\$50 to \$74	101.3	2.9	1.3	.6	2.0	6.5	2.0	23.4	8.7	2.3	25.2	9.1	27.3
\$75 to \$99	73.7	5.9	.3	.8	1.3	3.3	1.1	18.6	7.1	2.8	13.4	6.4	16.7
\$100 to \$149	81.0	8.0	.3	.5	1.8	2.3	2.4	15.6	6.1	1.2	10.3	7.2	12.7
\$150 to \$199	29.5	6.6	—	.2	.8	.2	.4	3.6	3.5	.7	2.7	1.1	2.6
\$200 or more	28.6	7.3	—	.4	.2	.2	.2	4.7	5.0	1.2	3.0	.6	2.2
Median	73	131	25-	...	60	43	67	66	73	43	53	69	65
Annual Taxes Paid Per \$1,000 Value													
Less than \$5	20.1	3.1	1.7	.4	.9	2.5	.6	5.6	3.3	.8	8.5	.2	2.6
\$5 to \$9	122.9	9.4	2.6	1.8	2.4	8.4	1.8	24.5	13.0	4.3	32.7	1.5	33.3
\$10 to \$14	189.3	13.9	3.2	.6	4.1	12.3	4.7	44.3	18.6	6.6	47.9	4.7	44.0
\$15 to \$19	69.6	5.8	2.3	.4	2.1	4.2	.7	16.1	5.9	4.2	5.0	13.1	6.4
\$20 to \$24	19.5	.9	1.4	.1	.2	1.9	.9	5.1	1.7	1.1	2.2	9.6	.8
\$25 or more	21.9	.9	4.6	.2	.8	1.5	.8	6.8	2.1	3.3	6.0	5.9	2.0
Median	12	12	16	...	12	12	12	12	12	14	11	19	11
Routine Maintenance in Last Year													
Less than \$25 per month	190.1	17.7	9.8	1.5	4.3	12.0	5.4	54.7	14.4	8.7	38.8	15.7	40.8
\$25 to \$49	104.4	5.2	3.3	.6	1.9	7.0	.7	15.5	8.5	3.2	24.4	6.5	20.6
\$50 to \$74	17.9	.9	—	.2	.2	1.4	.2	3.4	1.3	1.1	3.6	.5	5.0
\$75 to \$99	30.9	1.5	.7	.6	.6	1.7	.4	3.8	3.7	.9	8.3	2.4	4.9
\$100 to \$149	11.2	.6	.3	—	.4	.2	.2	1.5	.8	—	2.1	.6	1.0
\$150 to \$199	12.0	.9	.3	.2	.2	.8	.4	2.1	1.3	.4	3.1	.6	1.3
\$200 or more per month	10.1	.7	—	—	.2	.6	.6	1.5	.9	.4	4.2	.1	.7
Not reported	66.7	6.3	1.2	.4	2.9	7.3	1.7	19.7	13.6	5.8	18.0	8.7	14.9
Median	25-	25-	25-	...	25-	25-	25-	25-	28	25-	29	25-	25-
Condominium and Cooperative Fee													
Fee paid	8.0	.6	—	—	—	.6	.2	4.0	1.0	.2	1.9	.4	1.0
Less than \$25 per month .....	.2	—	—	—	—	—	—	—	—	—	—	—	—
\$25 to \$49 .....	.8	.2	—	—	—	—	—	.4	.2	—	—	—	.2
\$50 to \$74	1.1	—	—	—	—	.2	.6	—	—	—	.2	.2	—
\$75 to \$99 .....	.6	.2	—	—	—	.2	.4	.2	—	—	.4	—	.2
\$100 to \$149	2.7	.2	—	—	—	.2	—	1.1	.2	.2	.6	.2	.4
\$150 to \$199 .....	.7	—	—	—	—	.2	—	.2	—	—	.2	—	.2
\$200 or more per month	1.9	—	—	—	—	—	—	1.3	.4	—	.6	—	—
Not reported	—	—	—	—	—	—	—	—	—	—	—	—	—
Median	125	...	...	...	...	...	...	...	...	...	...	...	...
Other Housing Costs Per Month													
Homeowner association fee paid	83.8	15.0	...	1.2	1.1	2.3	1.2	13.9	10.8	2.3	21.8	.3	10.4
Median	12	22	...	...	...	...	...	10-	15	...	10-	...	21
Mobile home park fee paid	1.0	—	1.0	—	—	—	.3	.3	—	—	—	—	—
Median .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Land rent fee paid .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Median .....	...	...	...	...	...	...	...	...	...	...	...	...	...

¹See back cover for details.

²Beginning with 1989 this item uses current income in its calculation. See appendix A.

³May reflect a temporary situation, living off savings, or response error.

Table 3-15. 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 occupied units	Housing unit characteristics				Household characteristics						Selected subareas ¹		
		New construction 4 yrs	Mobile homes	Physical problems		Black	Hispanic	Elderly (65+)	Moved in past year	Below poverty level	Area one	Area two	Area three	
				Severe	Moderate									
Total	443.2	34.0	15.7	3.5	10.6	30.9	9.6	102.3	44.6	20.4	102.4	35.1	89.2	
Mortgages Currently on Property														
None, owned free and clear	156.3	3.2	9.2	.6	5.2	13.4	4.0	86.5	9.7	14.8	41.5	18.5	29.4	
With mortgage or land contract	286.9	30.8	6.5	2.9	5.3	17.5	5.6	15.8	34.9	5.6	60.9	16.6	59.8	
One mortgage or land contract	259.3	28.5	6.5	2.5	4.8	14.8	4.8	15.0	34.0	5.4	56.6	15.6	53.8	
Two mortgages	27.4	2.3	—	.4	.6	2.5	.8	.8	1.0	.2	4.1	1.0	6.0	
Three or more mortgages .....	.2	—	—	—	—	.2	—	—	—	—	.2	—	—
Number of mortgages not reported	—	—	—	—	—	—	—	—	—	—	—	—	—	
OWNERS WITH ONE OR MORE MORTGAGES														
Total	286.9	30.8	6.5	2.9	5.3	17.5	5.6	15.8	34.9	5.6	60.9	16.6	59.8	
Type of Primary Mortgage														
FHA.....	43.7	3.6	—	.2	.9	4.7	.5	.5	5.0	.4	11.4	2.4	14.0	
VA.....	19.7	.4	.3	—	.4	1.4	.9	1.7	1.5	.6	5.1	2.2	4.6	
Farmers Home Administration	2.1	.8	—	—	.3	—	—	—	.1	—	—	—	—	
Other types	204.1	24.6	5.6	2.5	3.6	9.5	4.1	11.4	25.7	3.9	40.0	10.3	38.3	
Don't know	7.6	.8	.3	—	—	.6	—	.6	1.2	.2	1.2	.9	1.5	
Not reported	9.7	.6	.3	.2	.2	1.3	—	1.6	1.5	.6	3.3	.7	1.4	
Home Equity Loan														
With a home equity loan	42.0	2.9	1.0	.6	.4	3.8	1.0	3.5	1.7	.4	8.9	2.6	7.6	
No home equity loan	235.6	26.9	5.2	2.1	4.7	12.5	4.5	10.8	31.8	4.6	48.5	13.4	51.1	
Home equity loan not reported	9.3	1.0	.3	.2	.2	1.2	.2	1.5	1.4	.6	3.4	.6	1.2	
Lower Cost State and Local Mortgages														
State or local program used	21.7	1.4	—	.2	.6	2.3	.2	1.0	3.1	.6	6.1	2.4	3.5	
Not used	257.0	28.4	6.5	2.5	4.5	13.8	5.1	13.5	30.3	4.5	51.1	13.4	55.9	
Not reported	8.2	1.0	—	.2	.2	1.4	.3	1.3	1.5	.6	3.7	.7	.4	
Mortgage Origination														
Placed new mortgage(s)	251.3	29.3	6.2	2.5	4.4	14.8	4.5	14.6	32.6	5.0	52.7	15.1	53.0	
Primary obtained when property acquired	193.8	26.7	4.9	2.1	3.4	11.9	3.9	10.9	32.1	4.6	42.7	12.3	38.3	
Obtained later	57.5	2.6	1.3	.4	1.0	2.9	.6	3.7	.6	.4	9.9	2.8	14.7	
Date not reported	—	—	—	—	—	—	—	—	—	—	—	—	—	
Assumed	12.2	.1	.3	—	.4	.6	.4	.6	2.1	.6	4.4	.7	2.4	
Wrap-around .....	.2	—	—	—	—	—	—	—	—	—	.2	—	—
Combination of the above	22.8	1.3	—	.4	.6	2.1	.8	.4	.2	—	3.7	.7	4.0	
Origin not reported .....	.4	—	—	—	—	—	—	.2	—	—	—	—	.4
Payment Plan of Primary Mortgage														
Fixed payment, self amortizing	227.1	23.9	4.6	2.1	5.1	13.3	4.2	11.1	24.4	3.8	48.3	14.6	48.4	
Adjustable rate mortgage	34.0	5.1	—	.6	—	1.9	.9	2.0	7.4	.6	5.8	1.1	5.9	
Adjustable term mortgage	—	—	—	—	—	—	—	—	—	—	—	—	—	
Graduated payment mortgage	1.8	.2	.3	—	—	.2	—	.2	.4	—	—	—	.7	
Balloon	3.2	.4	—	—	—	.2	.2	—	.2	.4	1.1	—	.8	
Other	2.5	.4	—	—	—	.4	—	.2	.2	—	.4	.2	.6	
Combination of the above	1.1	—	—	—	—	—	—	.2	—	—	.2	—	.2	
Not reported	17.2	.8	1.6	.2	.2	1.7	.4	2.1	2.4	.7	5.0	.7	3.3	
Payment Plan of Secondary Mortgage														
Units with two or more mortgages	27.6	2.3	—	.4	.6	2.7	.8	.8	1.0	.2	4.3	1.0	6.0	
Fixed payment, self amortizing	18.5	.8	—	.6	.6	2.3	.2	.4	.4	.2	3.6	.7	4.7	
Adjustable rate mortgage	5.0	.6	—	—	—	.2	.2	.2	.2	—	.2	—	.6	
Adjustable term mortgage	—	—	—	—	—	—	—	—	—	—	—	—	—	
Graduated payment mortgage	—	—	—	—	—	—	—	—	—	—	—	—	—	
Balloon	1.9	.5	—	.4	—	.2	.2	—	.2	—	.4	—	.4	
Other .....	.2	—	—	—	—	—	—	—	—	—	—	—	—
Combination of the above .....	.6	.4	—	—	—	—	—	—	—	—	—	—	.2
Not reported	1.4	—	—	—	—	—	.2	.2	.2	—	.2	.2	.2	
Lenders of Primary and Secondary Mortgages														
Only borrowed from firm(s)	252.9	29.1	4.7	2.1	4.3	14.4	4.5	12.9	31.1	3.9	51.1	13.9	52.5	
Only borrowed from seller	9.2	.2	1.6	.2	.4	.4	1.0	.4	1.2	.6	3.1	1.1	1.6	
Only borrowed from other individual(s)	3.9	.2	—	.4	—	.2	—	.2	.8	.4	1.0	.2	1.0	
Borrowed from a firm and seller .....	.6	—	—	—	—	—	—	—	—	—	—	—	.2
Borrowed from a firm and other individual .....	.6	—	—	—	—	—	—	—	—	—	—	—	.4
Borrowed from seller and other individual .....	.2	—	—	—	—	—	—	—	—	—	—	—	—
One or both sources not reported	19.6	1.3	.3	.2	.6	2.5	.2	2.4	1.8	.8	5.8	1.3	4.1	
Items Included in Primary Mortgage Payment²														
Principal and interest only	80.5	8.3	6.2	1.6	1.2	5.8	1.3	8.1	10.3	2.6	16.8	5.0	14.0	
Property taxes	198.8	21.4	—	1.3	4.1	10.4	3.9	7.3	24.2	2.9	41.9	10.8	43.9	
Property insurance	190.8	20.9	—	1.3	3.9	9.9	4.1	7.1	23.6	2.6	41.0	10.2	43.7	
Other	15.0	2.7	.4	.2	.2	1.0	.6	.6	2.0	—	2.1	.2	3.4	
Not reported	3.1	.6	—	—	—	.4	—	—	.2	—	.6	—	.8	
Year Primary Mortgage Originated														
1995 to 1999	18.7	5.1	1.2	.2	.5	.9	.6	.8	15.8	.1	4.1	.7	4.4	
1990 to 1994	152.3	25.6	3.0	2.3	1.6	6.6	2.8	4.1	18.2	2.1	26.8	7.3	33.8	
1985 to 1989	53.5	...	1.6	.2	1.1	2.6	1.1	2.7	.6	1.2	11.9	3.0	10.1	
1980 to 1984	23.1	...	.7	.2	.6	1.9	.2	2.0	—	.6	7.2	1.7	4.2
1975 to 1979	20.8	...	—	—	1.1	2.1	.6	1.1	.2	.4	5.1	2.1	4.2	
1970 to 1974	10.7	...	—	—	.2	1.3	.2	2.0	.2	.4	3.2	.9	2.4	
1960 to 1969	5.0	...	—	—	.2	1.2	—	1.3	—	.4	1.4	.6	.4	
1950 to 1959	1.0	...	—	—	—	.2	—	1.0	—	—	.4	.4	—	
1949 or earlier .....	.4	...	—	—	—	.2	.2	.4	—	—	.2	—	—
Not reported	1.5	...	—	—	—	.4	—	.4	—	.4	.6	—	.2	
Median	1991	...	1992	...	1988	1988	1991	1985	1995	1989	1990	1989	1991	

Table 3-15. 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 occupied units	Housing unit characteristics				Household characteristics					Selected subareas ¹		
		New construction 4 yrs	Mobile homes	Physical problems		Black	Hispanic	Elderly (65+)	Moved in past year	Below poverty level	Area one	Area two	Area three
				Severe	Moderate								
OWNERS WITH ONE OR MORE MORTGAGES—Con.													
Term of Primary Mortgage at Origination or Assumption													
Less than 8 years	8.5	1.0	1.6	.3	.2	—	.4	.2	2.1	.8	2.2	.5	1.0
8 to 12 years	7.4	.4	1.7	.2	.2	.4	.6	.4	.6	.2	1.1	.9	1.4
13 to 17 years	23.1	3.0	1.0	.2	.2	1.5	.5	1.0	2.9	.4	4.8	1.5	4.5
18 to 22 years	15.3	1.0	.6	.4	.4	1.3	—	.8	1.6	.2	4.5	—	2.7
23 to 27 years	10.0	.4	—	.2	—	.6	—	.8	1.5	.4	3.0	.8	.9
28 to 32 years	156.7	22.0	.3	1.1	3.2	9.9	3.4	8.0	25.4	3.3	34.3	9.5	33.6
33 years or more	2.8	.5	—	—	.3	.2	—	.6	.2	—	.2	.4	.2
Variable	—	—	—	—	—	—	—	—	—	—	—	—	—
Not reported	63.2	2.6	1.3	.4	1.0	3.6	.7	4.1	.6	.4	10.9	3.0	15.5
Median	30	30	11	...	30	30	29	30	30	29	29	30	30
Remaining Years Mortgaged													
Less than 8 years	45.4	1.3	4.2	.8	1.2	4.6	.7	6.3	2.8	2.1	11.7	4.1	7.8
8 to 12	35.9	1.6	1.1	—	.7	2.5	.5	1.9	.6	.2	8.7	1.3	9.1
13 to 17	42.5	2.7	1.0	.6	.8	2.6	.6	1.4	2.9	.6	6.7	2.4	9.1
18 to 22	33.3	.8	—	.2	.4	1.5	.5	2.0	2.0	.6	8.4	2.4	6.4
23 to 27	54.4	5.6	—	.4	.6	2.0	1.1	1.3	1.9	.7	11.2	2.7	10.9
28 to 32	68.1	18.5	.3	1.0	1.4	3.2	1.6	1.4	24.4	.7	11.8	3.1	16.2
33 years or more	.4	—	—	—	—	—	—	—	.2	—	—	—	—
Variable	—	—	—	—	—	—	—	—	—	—	—	—	—
Not reported	6.8	.2	—	—	.4	1.0	.6	1.5	—	.6	2.4	.6	.2
Median	20	29	8-	...	17	15	24	10	29	14	19	18	21
Current Interest Rate													
Less than 6 percent	11.0	2.5	.6	—	—	.8	—	1.6	2.1	.2	2.0	.4	2.3
6 to 7.9	73.4	14.4	.4	.6	1.7	3.7	1.1	4.0	13.1	2.1	14.4	2.5	13.2
8 to 9.9	99.8	9.4	2.2	1.0	1.7	5.1	2.5	4.6	18.2	1.9	25.0	6.6	21.8
10 to 11.9	17.6	.5	1.0	.4	.4	1.8	.4	.4	.8	.4	4.0	3.1	3.3
12 to 13.9	3.0	—	.7	.2	—	—	—	.4	—	.2	.7	.4	.3
14 to 15.9	1.3	—	.3	—	—	.8	—	.4	—	.4	.8	—	.2
16 to 17.9	.2	—	—	—	—	—	.2	—	—	—	.2	—	—
18 to 19.9	—	—	—	—	—	—	—	—	—	—	—	—	—
20 percent or more	—	—	—	—	—	—	—	—	—	—	—	—	—
Not reported	80.7	3.9	1.3	.8	1.5	5.2	1.5	4.4	.8	.4	13.8	3.5	18.7
Median	8.3	7.5	9.4	...	8.2	8.6	8.8	8.0	8.2	8.3	8.5	9.0	8.4
Total Outstanding Principal Amount													
Less than \$10,000	26.9	.2	3.6	.4	.8	3.4	.8	3.8	1.5	1.7	7.6	3.2	3.5
\$10,000 to \$19,999	16.5	.6	.7	.1	.6	1.5	.2	1.9	1.2	.4	5.5	1.5	2.7
\$20,000 to \$29,999	19.1	.3	1.0	.2	.4	1.5	.7	1.6	2.4	.8	4.5	2.8	4.7
\$30,000 to \$39,999	18.8	.4	—	.2	.2	1.5	.2	.8	2.5	.4	4.7	.7	4.7
\$40,000 to \$49,999	25.1	1.5	—	.2	.2	1.3	.4	1.2	3.2	.4	5.5	3.6	6.4
\$50,000 to \$59,999	20.0	1.6	—	.2	.2	.7	.6	1.0	3.8	—	3.3	.9	5.1
\$60,000 to \$69,999	18.9	2.6	—	—	—	.5	.2	.4	3.5	.2	4.1	—	4.8
\$70,000 to \$79,999	15.8	3.2	—	—	.6	.6	.6	.2	3.2	—	3.8	—	2.3
\$80,000 to \$99,999	17.7	4.0	—	.6	.4	.6	.2	.2	4.6	1.1	3.0	.2	2.2
\$100,000 to \$119,999	12.4	4.0	—	.2	.2	.2	—	.2	3.0	—	3.1	—	1.2
\$120,000 to \$149,999	7.5	3.6	—	—	—	.4	.2	—	1.9	.2	1.2	.1	2.0
\$150,000 to \$199,999	4.1	3.0	—	.2	.4	—	—	.2	1.6	—	.6	—	.2
\$200,000 to \$249,999	1.9	.8	—	—	—	—	—	—	1.0	—	.2	—	.6
\$250,000 to \$299,999	.4	.4	—	—	—	—	.2	—	.4	—	—	—	—
\$300,000 or more	1.1	.7	—	—	—	—	—	—	.5	—	—	—	.7
Not reported	80.7	3.9	1.3	.8	1.5	5.2	1.5	4.4	.8	.4	13.8	3.5	18.7
Median	48 713	95 189	10000-	...	42 330	27 879	46 534	19 897	67 318	26 038	42 106	26 645	47 775
Current Total Loan as Percent of Value													
Less than 20 percent	27.9	1.0	1.3	.6	.8	2.9	1.0	4.7	1.4	1.5	6.6	3.2	3.2
20 to 39	26.2	1.4	.3	.3	.8	2.1	.5	2.5	1.6	.6	8.2	1.1	4.8
40 to 59	34.6	3.5	1.0	.4	.5	1.5	.7	2.5	4.4	1.5	7.9	2.2	7.3
60 to 79	67.2	13.7	1.3	.6	.8	3.2	.9	1.0	12.2	.5	13.1	3.2	13.2
80 to 89	29.6	5.1	.3	.2	.6	2.1	.4	.6	7.4	.6	6.4	1.8	7.4
90 to 99	17.3	1.9	1.0	—	.2	.6	.6	—	6.2	.2	3.8	1.3	4.8
100 percent or more	3.3	.3	—	—	.2	—	—	—	1.0	.2	1.1	.2	.5
Not reported	80.7	3.9	1.3	.8	1.5	5.2	1.5	4.4	.8	.4	13.8	3.5	18.7
Median	64.3	71.0	60.2	...	54.3	56.1	55.3	27.4	76.1	45.8	61.3	60.4	68.0

¹See back cover for details.

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

Note: Table 16, "Repairs, Improvements, and Alterations" has been moved to the *Supplement to the American Housing Survey for Selected Metropolitan Areas in 1995*.

Table 3-17. Rooms in Unit by Household and Unit Size, Income, and 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	Occupied units												
	Total	Rooms					Median	Bedrooms					Median
		1 and 2 rooms	3 and 4 rooms	5 and 6 rooms	7 rooms or more	No rooms		1 room	2 rooms	3 rooms	4 rooms or more		
Total	443.2	.4	34.6	196.1	212.1	6.4	.4	7.3	87.8	228.8	118.9	3.1	
Persons													
1 person	86.5	.2	13.4	50.2	22.7	5.7	.2	3.6	31.9	40.9	9.9	2.7	
2 persons	164.1	.2	13.9	78.1	72.0	6.2	.2	3.3	38.9	89.8	32.0	2.9	
3 persons	72.8	-	4.1	30.6	38.2	6.5+	-	.2	9.1	43.9	19.6	3.1	
4 persons	73.2	-	2.4	23.9	46.9	6.5+	-	2	5.2	36.2	31.5	3.4	
5 persons	31.6	-	.9	7.6	23.1	6.5+	-	-	2.3	13.3	16.0	3.5+	
6 persons	10.3	-	-	3.8	6.5	6.5+	-	-	.4	2.9	7.0	3.5+	
7 persons or more	4.8	-	-	1.9	2.9	6.5+	-	-	-	1.9	2.9	3.5+	
Median	2.3	...	1.8	2.1	2.8	...	...	1.5	1.8	2.3	3.4	...
Rooms													
1 room .....	.2	...	...	...	...	...	.2	-	-	-	-	...
2 rooms .....	.2	...	...	...	...	...	.2	-	-	-	-	...
3 rooms	2.5	...	...	...	...	...	-	2.5	-	-	-	...
4 rooms	32.1	...	...	...	...	...	-	2.6	29.5	-	-	2.0
5 rooms	88.7	...	...	...	...	...	-	1.1	39.0	48.5	-	2.6
6 rooms	107.5	...	...	...	...	...	-	.8	15.0	86.5	5.2	2.9
7 rooms	99.6	...	...	...	...	...	-	-	2.8	70.1	26.7	3.2
8 rooms	64.4	...	...	...	...	...	-	-	1.2	17.8	45.4	3.5+
9 rooms	28.4	...	...	...	...	...	-	.3	.2	4.2	23.7	3.5+
10 rooms or more	19.7	...	...	...	...	...	-	-	-	1.7	18.0	3.5+
Median	6.4	...	...	...	...	...	...	4.0	4.9	6.3	8.1	...
Bedrooms													
None .....	.4	.4	-	-	-	-	...	...	...	...	...	...
1	7.3	-	5.1	1.9	.3	3.9	...	...	...	...	...	...
2	87.8	-	29.5	54.0	4.2	5.0	...	...	...	...	...	...
3	228.8	-	-	135.0	93.8	6.2	...	...	...	...	...	...
4 or more	118.9	-	-	5.2	113.8	6.5+	...	...	...	...	...	...
Median	3.1	...	1.9	2.8	3.5+	...	...	...	...	...	...	...
Complete Bathrooms													
None .....	.7	-	.2	-	.5	...	-	.2	.2	-	.3	...
1	114.4	.4	26.4	70.1	17.5	5.4	.4	5.1	55.4	47.7	5.9	2.4	
1 and one-half	92.0	-	5.3	53.1	33.5	6.0	-	1.3	17.3	63.3	10.0	2.9	
2 or more	236.1	-	2.7	72.9	160.6	6.5+	-	.7	14.9	117.8	102.7	3.4	
Lot Size													
Less than one-eighth acre	21.2	-	2.6	11.7	6.9	5.9	-	.9	5.6	10.8	3.9	2.9	
One-eighth up to one-quarter acre	76.1	-	4.2	34.2	37.6	6.5	-	.8	14.3	39.9	21.1	3.1	
One-quarter up to one-half acre	73.3	-	2.6	26.4	44.3	6.5+	-	.2	11.1	36.1	26.0	3.2	
One-half up to one acre	35.3	-	2.4	10.8	22.2	6.5+	-	.2	5.0	16.4	13.7	3.3	
1 to 4 acres	30.9	-	2.3	13.3	15.3	6.5	-	.4	4.8	16.5	9.2	3.1	
5 to 9 acres	10.5	-	.5	4.4	5.7	6.5+	-	-	1.7	6.0	2.9	3.1	
10 acres or more	20.4	-	1.1	9.3	10.1	6.5	-	.5	3.1	11.8	5.0	3.1	
Don't know	155.5	-	13.2	75.8	66.5	6.2	-	2.2	33.4	83.7	36.2	3.0	
Not reported	10.5	-	2.0	5.6	2.9	5.7	-	-	4.5	5.2	.8	2.6	
Median .....	.37	...	.35	.34	.40	...	...	.22	.31	.37	.40	...
Income of Families and Primary Individuals													
Less than \$5,000	7.3	-	1.1	4.5	1.7	5.6	-	.5	2.5	3.5	.8	2.7	
\$5,000 to \$9,999	18.8	-	4.0	10.4	4.4	5.5	-	1.0	7.1	8.3	2.4	2.7	
\$10,000 to \$14,999	24.1	-	4.1	13.4	6.5	5.7	-	.6	9.7	10.0	3.8	2.7	
\$15,000 to \$19,999	26.3	-	5.7	13.5	7.1	5.6	-	.5	9.7	13.5	2.5	2.7	
\$20,000 to \$24,999	35.2	.2	4.8	21.3	8.9	5.7	.2	1.0	12.3	17.1	4.6	2.7	
\$25,000 to \$29,999	39.1	.2	4.1	20.6	14.2	6.0	.2	1.4	10.3	20.8	6.4	2.9	
\$30,000 to \$34,999	28.5	-	3.5	15.0	9.9	5.9	-	.6	8.8	15.4	3.8	2.8	
\$35,000 to \$39,999	24.6	-	2.0	13.0	9.6	6.1	-	-	5.6	14.0	5.0	3.0	
\$40,000 to \$49,999	54.3	-	2.2	27.0	25.0	6.3	-	.7	8.5	33.8	11.3	3.0	
\$50,000 to \$59,999	46.2	-	.8	20.8	24.7	6.5+	-	.2	4.6	29.6	11.8	3.1	
\$60,000 to \$79,999	68.4	-	1.4	23.3	43.6	6.5+	-	.7	5.7	34.0	27.9	3.3	
\$80,000 to \$99,999	34.9	-	.2	7.7	27.0	6.5+	-	-	1.5	16.4	17.0	3.5	
\$100,000 to \$119,999	14.7	-	-	3.3	11.4	6.5+	-	.2	.4	5.1	9.0	3.5+	
\$120,000 or more	20.9	-	.6	2.3	18.0	6.5+	-	-	1.0	7.4	12.5	3.5+	
Median	43 259	...	22 457	34 766	57 569	...	...	25 223	26 196	43 510	65 005	...
Monthly Housing Costs													
Less than \$100	2.0	-	1.1	1.0	-	...	-	.4	1.1	.6	-	...	
\$100 to \$199	49.9	.2	10.8	30.9	8.1	5.4	.2	2.8	23.1	20.1	3.9	2.5	
\$200 to \$249	42.1	-	3.1	25.0	14.1	5.9	-	1.2	10.1	25.8	5.0	2.9	
\$250 to \$299	30.2	-	4.1	14.8	11.3	6.0	-	.4	9.1	15.1	5.6	2.9	
\$300 to \$349	22.6	-	1.4	11.3	9.9	6.3	-	.2	4.6	12.8	5.0	3.0	
\$350 to \$399	17.0	-	2.5	6.3	8.3	6.4	-	.2	4.0	6.6	6.3	3.2	
\$400 to \$449	15.0	-	1.9	7.0	6.1	6.1	-	.4	4.1	8.1	2.5	2.9	
\$450 to \$499	17.5	-	2.7	10.7	4.1	5.6	-	.4	6.7	8.5	2.0	2.7	
\$500 to \$599	38.4	.2	3.2	18.3	16.7	6.2	.2	.9	8.5	21.6	7.2	2.9	
\$600 to \$699	39.1	-	1.9	21.6	15.7	6.1	-	.2	6.1	26.4	6.5	3.0	
\$700 to \$799	39.1	-	1.3	20.8	17.0	6.3	-	.2	4.9	25.9	8.1	3.1	
\$800 to \$999	51.7	-	.2	17.8	33.7	6.5+	-	-	3.0	32.2	16.5	3.2	
\$1,000 to \$1,249	36.6	-	.2	7.1	29.3	6.5+	-	-	.8	15.6	20.2	3.5+	
\$1,250 to \$1,499	16.9	-	.2	2.4	14.3	6.5+	-	.2	.6	5.2	10.9	3.5+	
\$1,500 or more	24.9	-	.2	1.3	23.4	6.5+	-	-	1.1	4.5	19.3	3.5+	
No cash rent .....	...	...	...	...	...	...	...	...	...	...	...	...
Median (excludes no cash rent)	565	...	280	459	768	...	...	222	306	578	891	...
Median Monthly Housing Costs For Owners													
Monthly costs including all mortgages plus maintenance costs	597	...	297	488	800	...	...	236	336	606	931	...
Monthly costs excluding 2nd and subsequent mortgages and maintenance costs	552	...	280	445	738	...	...	222	304	565	857	...

Table 3-17. Rooms in Unit by Household and Unit Size, Income, and 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	Occupied units											
	Total	Rooms					Bedrooms					
		1 and 2 rooms	3 and 4 rooms	5 and 6 rooms	7 rooms or more	Median	No rooms	1 room	2 rooms	3 rooms	4 rooms or more	Median
Value												
Less than \$10,000	9.8	-	5.4	3.8	.6	4.3	-	.8	6.6	1.9	.4	2.1
\$10,000 to \$19,999	14.6	.2	6.5	5.7	2.3	4.7	.2	.6	8.3	4.4	1.2	2.3
\$20,000 to \$29,999	13.9	-	3.5	9.4	1.0	5.2	-	1.0	7.7	4.2	1.0	2.3
\$30,000 to \$39,999	24.6	-	3.7	15.0	5.9	5.7	-	1.0	9.5	11.6	2.5	2.7
\$40,000 to \$49,999	33.5	-	4.8	21.6	7.1	5.6	-	.4	14.1	16.2	2.8	2.6
\$50,000 to \$59,999	35.2	-	2.4	22.6	10.2	5.8	-	.7	7.7	21.8	5.0	2.9
\$60,000 to \$69,999	53.6	-	3.1	32.9	17.6	5.9	-	1.1	12.2	32.0	8.2	2.9
\$70,000 to \$79,999	42.6	.2	1.8	24.0	16.6	6.1	.2	.4	6.7	29.0	6.3	3.0
\$80,000 to \$99,999	80.1	-	2.3	34.7	43.2	6.5+	-	.6	8.7	55.0	15.9	3.1
\$100,000 to \$119,999	35.4	-	.2	12.1	23.2	6.5+	-	.2	2.1	20.6	12.6	3.3
\$120,000 to \$149,999	37.9	-	.2	7.2	30.5	6.5+	-	-	1.6	14.5	21.8	3.5+
\$150,000 to \$199,999	35.7	-	.2	4.6	30.9	6.5+	-	-	1.6	11.0	23.1	3.5+
\$200,000 to \$249,999	12.3	-	-	1.0	11.3	6.5+	-	-	.4	3.6	8.4	3.5+
\$250,000 to \$299,999	5.3	-	.4	.2	4.7	6.5+	-	.2	.2	.9	4.1	3.5+
\$300,000 or more	8.6	-	.2	1.4	7.0	6.5+	-	.4	.4	2.2	5.6	3.5+
Median	78 542	...	35 360	66 085	101 316	...	...	46 115	48 353	77 657	124 815	...

Table 3-18. **Square Footage by Household and Unit Size, Income, and 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	Size of occupied detached 1-family homes and 1-family mobile homes								
	Total	Less than 500 square feet	500 to 999 square feet	1000 to 1499 square feet	1500 to 1999 square feet	2000 to 2499 square feet	2500 square feet or more	Not reported	Median
Total	421.6	1.2	23.3	71.2	73.1	54.3	80.4	118.2	1 884
Persons									
1 person	75.7	.4	6.8	12.9	7.7	7.4	4.8	35.5	1 494
2 persons	156.0	.6	10.4	32.9	27.0	18.7	27.7	38.7	1 774
3 persons	71.9	—	2.9	11.7	16.3	11.7	13.5	15.8	1 912
4 persons	72.4	—	2.3	8.7	15.5	10.5	20.8	14.5	2 114
5 persons	31.0	.2	—	3.9	3.9	4.2	9.8	8.9	2 354
6 persons	10.1	—	.2	.8	2.3	1.2	2.3	3.4	2 048
7 persons or more	4.6	—	.6	.2	.4	.6	1.5	1.3	...
Median	2.4	...	2.0	2.2	2.6	2.6	3.1	2.1	...
Rooms									
1 room	—	—	—	—	—	—	—	—	...
2 rooms	—	—	—	—	—	—	—	—	...
3 rooms	1.1	.3	—	—	—	—	—	.8	...
4 rooms	28.1	.3	11.4	5.0	1.0	.2	.2	10.0	883
5 rooms	81.5	.3	9.0	21.5	12.4	5.1	3.7	29.5	1 388
6 rooms	101.9	—	2.3	24.5	23.1	10.9	6.8	34.3	1 653
7 rooms	97.3	.2	.6	15.1	23.4	18.4	15.9	23.8	1 947
8 rooms	63.9	—	—	2.9	9.4	14.1	25.3	12.2	2 482
9 rooms	28.3	—	—	1.8	2.6	3.8	15.3	4.7	2500+
10 rooms or more	19.5	—	—	.4	1.2	1.8	13.1	3.0	2500+
Median	6.5	...	4.5	5.9	6.5	7.1	8.0	6.1	...
Bedrooms									
None	—	—	—	—	—	—	—	—	...
1	5.0	.3	.8	1.1	.2	—	.6	2.0	1 162
2	78.1	.3	17.8	15.9	5.3	4.3	3.3	31.2	1 166
3	220.1	.3	4.5	47.1	54.8	27.5	23.3	62.8	1 745
4 or more	118.4	.2	.2	7.1	12.9	22.6	53.3	22.2	2500+
Median	3.1	...	2.1	2.9	3.1	3.3	3.5+	2.9	...
Complete Bathrooms									
None .....	.7	—	—	—	—	.2	.1	.4	...
1	109.0	.7	17.5	25.7	10.2	4.9	3.2	46.7	1 252
1 and one-half	86.6	.2	4.4	20.2	16.5	9.9	7.4	28.0	1 637
2 or more	225.3	.3	1.4	25.2	46.4	39.3	69.6	43.1	2 226
Lot Size									
Less than one-eighth acre	20.5	.3	2.4	3.8	4.0	2.1	2.0	5.9	1 591
One-eighth up to one-quarter acre	75.3	.4	5.8	17.7	16.9	13.4	11.6	9.5	1 765
One-quarter up to one-half acre	72.8	—	2.1	13.3	16.1	12.3	20.4	8.5	2 022
One-half up to one acre	35.3	—	1.2	5.1	7.4	6.4	9.3	5.9	2 081
1 to 4 acres	30.7	—	1.3	5.5	5.1	5.2	10.4	3.3	2 184
5 to 9 acres	10.5	—	.7	2.5	2.5	1.4	2.8	.7	1 851
10 acres or more	20.4	—	.7	3.6	3.5	2.9	5.4	4.2	2 044
Don't know	151.1	.4	8.1	19.5	16.7	10.4	17.8	78.2	1 754
Not reported	4.9	—	.9	.2	1.0	.2	.6	2.0	1 658
Median .....	.38	...	.23	.33	.36	.38	.46	.35	...
Income of Families and Primary Individuals									
Less than \$5,000	6.7	—	—	.6	1.0	.8	.6	3.8	1 956
\$5,000 to \$9,999	17.3	—	1.7	1.9	.6	1.3	1.6	10.2	1 480
\$10,000 to \$14,999	22.4	.3	2.5	2.6	1.6	1.9	2.7	10.6	1 614
\$15,000 to \$19,999	25.2	.3	3.6	6.1	1.7	1.3	1.3	10.8	1 267
\$20,000 to \$24,999	33.2	—	4.2	7.5	4.4	3.8	2.5	10.9	1 465
\$25,000 to \$29,999	35.8	.3	2.2	6.1	8.8	2.5	2.5	13.4	1 647
\$30,000 to \$34,999	26.5	—	2.3	6.8	4.3	3.3	2.1	7.8	1 534
\$35,000 to \$39,999	23.7	—	1.1	3.9	4.9	2.0	3.3	8.3	1 763
\$40,000 to \$49,999	51.2	—	3.2	12.9	9.5	4.8	8.5	12.2	1 677
\$50,000 to \$59,999	44.1	—	1.5	6.4	10.3	8.5	7.2	10.3	1 940
\$60,000 to \$79,999	67.3	.2	.8	10.7	14.8	11.9	18.0	11.0	2 072
\$80,000 to \$99,999	34.4	—	.2	4.3	5.2	6.7	13.3	4.7	2 384
\$100,000 to \$119,999	14.1	—	—	.5	3.4	2.7	6.0	1.5	2 433
\$120,000 or more	19.9	—	—	.8	2.6	2.7	11.0	2.9	2500+
Median	43 944	...	24 547	39 980	49 813	56 284	68 893	29 817	...
Monthly Housing Costs									
Less than \$100	1.2	.3	—	.2	—	—	—	.7	...
\$100 to \$199	47.4	.6	6.9	9.7	4.0	2.9	1.3	22.1	1 272
\$200 to \$249	40.0	—	1.3	10.0	6.0	2.8	3.0	16.9	1 522
\$250 to \$299	28.2	—	3.0	4.1	5.0	3.6	3.1	9.2	1 730
\$300 to \$349	21.3	—	2.1	2.7	3.4	1.7	3.5	7.9	1 781
\$350 to \$399	16.1	.2	1.5	1.3	2.7	2.3	2.6	5.5	1 926
\$400 to \$449	14.2	—	.6	3.2	1.2	1.9	3.2	4.1	2 018
\$450 to \$499	16.6	—	1.7	5.5	1.4	2.2	1.1	4.8	1 387
\$500 to \$599	35.7	—	2.0	9.0	6.4	3.9	3.9	10.5	1 624
\$600 to \$699	37.4	.1	2.6	8.1	9.7	4.2	3.1	9.6	1 659
\$700 to \$799	36.6	—	1.2	7.2	8.9	5.7	4.8	8.8	1 808
\$800 to \$999	50.2	—	.4	6.4	15.6	9.8	9.6	8.5	1 954
\$1,000 to \$1,249	35.8	—	—	2.3	5.8	7.8	15.2	4.7	2 478
\$1,250 to \$1,499	16.0	—	—	.6	1.8	3.3	9.2	1.2	2500+
\$1,500 or more	24.7	—	—	1.0	1.3	2.1	16.7	3.5	2500+
No cash rent .....	...	...	...	...	...	...	...	...	...
Median (excludes no cash rent)	572	...	311	490	668	728	1 015	370	...
Median Monthly Housing Costs For Owners									
Monthly costs including all mortgages plus maintenance costs	604	...	359	516	698	760	1 062	399	...
Monthly costs excluding 2nd and subsequent mortgages and maintenance costs	557	...	311	482	650	704	972	365	...

Table 3-18. Square Footage by Household and Unit Size, Income, and 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	Size of occupied detached 1-family homes and 1-family mobile homes								
	Total	Less than 500 square feet	500 to 999 square feet	1000 to 1499 square feet	1500 to 1999 square feet	2000 to 2499 square feet	2500 square feet or more	Not reported	Median
Value									
Less than \$10,000 -----	9.0	.7	5.0	—	.6	.2	.2	2.4	764
\$10,000 to \$19,999 -----	14.1	.2	5.0	1.8	.2	.4	.8	5.6	899
\$20,000 to \$29,999 -----	13.1	—	2.1	1.9	1.4	.2	.3	7.2	1 215
\$30,000 to \$39,999 -----	24.1	—	1.9	4.4	1.1	1.3	1.8	13.6	1 384
\$40,000 to \$49,999 -----	32.5	—	4.1	7.5	2.6	2.6	.8	15.0	1 314
\$50,000 to \$59,999 -----	33.3	—	2.1	9.4	4.7	2.8	2.1	12.4	1 449
\$60,000 to \$69,999 -----	50.0	—	1.7	17.1	8.4	4.3	2.0	16.4	1 440
\$70,000 to \$79,999 -----	39.5	.1	.5	10.3	9.8	5.3	2.5	11.0	1 673
\$80,000 to \$99,999 -----	75.4	—	.6	14.5	22.0	12.0	9.5	16.8	1 823
\$100,000 to \$119,999 -----	34.3	—	—	2.7	12.4	6.2	6.9	6.2	1 959
\$120,000 to \$149,999 -----	37.1	.2	.2	.6	5.5	11.5	13.8	5.2	2 409
\$150,000 to \$199,999 -----	34.6	—	.2	.2	3.9	6.3	20.7	3.3	2500+
\$200,000 to \$249,999 -----	11.9	—	—	.2	.3	.4	9.8	1.2	2500+
\$250,000 to \$299,999 -----	4.7	—	—	.2	—	.4	3.5	.6	2500+
\$300,000 or more -----	8.0	—	—	.4	.2	.4	5.6	1.4	2500+
Median -----	78 802	...	27 636	66 198	87 158	96 649	149 034	61 780	...

Table 3-19. Detailed Tenure by 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	Owner occupied								Renter occupied			
	With mortgage				With no mortgage				All renters		Unsubsidized renters ¹	
	Total	Specified ²	Not specified		Total	Specified ²	Not specified		Specified ³	Other	Specified ³	Other
			Condo or Coop	Other			Condo or Coop	Other				
Total	286.9	262.4	5.2	19.3	156.3	131.6	5.1	19.6	...	...	...	...
Income of Families and Primary Individuals												
Less than \$5,000.....	1.8	1.6	.2	—	5.5	4.4	—	1.1	...	...	...	...
\$5,000 to \$9,999.....	4.6	4.1	.2	.4	14.2	11.9	.4	1.9	...	...	...	...
\$10,000 to \$14,999.....	5.9	5.3	—	.6	18.2	14.5	.4	3.3	...	...	...	...
\$15,000 to \$19,999.....	7.1	5.5	—	1.6	19.5	15.6	.6	3.1	...	...	...	...
\$20,000 to \$24,999.....	15.5	13.3	.6	1.6	19.7	17.1	.8	1.8	...	...	...	...
\$25,000 to \$29,999.....	19.8	18.1	.2	1.4	19.4	16.1	.9	2.4	...	...	...	...
\$30,000 to \$34,999.....	18.5	16.1	.7	1.7	10.0	8.2	.2	1.6	...	...	...	...
\$35,000 to \$39,999.....	17.1	15.2	.4	1.5	7.5	7.0	—	.6	...	...	...	...
\$40,000 to \$49,999.....	41.5	37.3	1.3	2.9	12.7	10.7	.6	1.4	...	...	...	...
\$50,000 to \$59,999.....	36.9	35.3	.4	1.3	9.3	7.6	.6	1.1	...	...	...	...
\$60,000 to \$79,999.....	58.4	54.9	.4	3.0	10.0	9.5	.2	.3	...	...	...	...
\$80,000 to \$99,999.....	29.5	28.3	.2	1.0	5.4	4.8	.2	.5	...	...	...	...
\$100,000 to \$119,999.....	13.0	12.2	.2	.6	1.7	1.3	.4	—	...	...	...	...
\$120,000 or more.....	17.4	15.4	.4	1.6	3.5	2.9	—	.5	...	...	...	...
Median	53 170	54 212	42 031	42 895	25 348	25 710	27 548	21 077	...	...	...	...
Monthly Housing Costs												
Less than \$100.....	—	—	—	—	2.0	.9	.4	.7	...	...	...	...
\$100 to \$199.....	.4	.4	—	—	49.6	44.4	1.2	4.0	...	...	...	...
\$200 to \$249.....	2.2	2.0	—	.2	39.8	36.9	.4	2.6	...	...	...	...
\$250 to \$299.....	3.8	3.3	—	.5	26.4	19.6	.2	6.6	...	...	...	...
\$300 to \$349.....	6.8	6.4	.2	.2	15.8	12.5	.7	2.5	...	...	...	...
\$350 to \$399.....	7.9	6.4	.2	1.3	9.2	7.3	.4	1.5	...	...	...	...
\$400 to \$449.....	11.4	10.5	.2	.7	3.6	2.7	.6	.3	...	...	...	...
\$450 to \$499.....	15.2	13.9	.2	1.1	2.3	2.0	.2	.2	...	...	...	...
\$500 to \$599.....	35.5	31.6	1.0	2.8	3.0	2.0	.4	.6	...	...	...	...
\$600 to \$699.....	37.8	34.1	.2	3.5	1.4	1.2	.2	—	...	...	...	...
\$700 to \$799.....	37.7	34.0	1.3	2.4	1.4	1.0	.2	.2	...	...	...	...
\$800 to \$999.....	51.2	47.7	.8	2.7	.5	.2	—	.4	...	...	...	...
\$1,000 to \$1,249.....	35.8	33.9	.6	1.3	.8	.6	.2	—	...	...	...	...
\$1,250 to \$1,499.....	16.5	15.4	.4	.7	.4	.2	—	—	...	...	...	...
\$1,500 or more.....	24.7	22.7	.2	1.8	.2	.2	—	—	...	...	...	...
No cash rent.....	...	...	...	...	...	...	...	...	...	...	...	...
Median (excludes no cash rent)	760	766	747	682	233	228	329	269	...	...	...	...
Median Monthly Housing Costs For Owners												
Monthly costs including all mortgages plus maintenance costs.....	790	797	747	722	249	243	342	279	...	...	...	...
Monthly costs excluding 2nd and subsequent mortgages and maintenance costs.....	739	745	747	677	233	228	329	269	...	...	...	...
Monthly Housing Costs as Percent of Current Income⁴												
Less than 5 percent.....	2.5	2.5	—	—	12.9	11.3	.4	1.2	...	...	...	...
5 to 9 percent.....	20.7	19.1	.2	1.4	49.7	43.6	1.5	4.5	...	...	...	...
10 to 14 percent.....	62.0	56.0	1.0	5.0	37.7	33.5	1.0	3.3	...	...	...	...
15 to 19 percent.....	72.5	68.3	1.2	3.0	18.1	13.8	.6	3.8	...	...	...	...
20 to 24 percent.....	52.8	48.0	1.0	3.8	11.7	8.7	.5	2.4	...	...	...	...
25 to 29 percent.....	30.2	28.1	.4	1.8	6.8	5.9	.4	.5	...	...	...	...
30 to 34 percent.....	16.9	15.3	.2	1.4	3.8	2.4	.4	1.0	...	...	...	...
35 to 39 percent.....	9.1	7.4	.5	1.2	3.7	3.2	—	.5	...	...	...	...
40 to 49 percent.....	7.3	6.1	.2	1.0	3.2	2.7	.2	.4	...	...	...	...
50 to 59 percent.....	2.8	2.5	.2	.2	2.2	1.5	.2	.4	...	...	...	...
60 to 69 percent.....	2.3	1.9	—	.4	1.0	1.0	—	—	...	...	...	...
70 to 99 percent.....	3.6	3.3	.2	.2	2.0	1.1	—	.9	...	...	...	...
100 percent or more ⁵	3.4	3.2	.2	—	2.5	2.2	—	.3	...	...	...	...
Zero or negative income.....	.8	.8	—	—	.9	.6	—	.4	...	...	...	...
No cash rent.....	...	...	...	...	...	...	...	...	...	...	...	...
Median (excludes 2 previous lines)	19	19	22	20	12	12	13	16	...	...	...	...
Median (excludes 3 lines before medians)	19	19	21	20	12	11	13	16	...	...	...	...
Value												
Less than \$10,000.....	3.0	1.4	—	1.6	6.8	.7	.6	5.5	...	...	...	...
\$10,000 to \$19,999.....	5.6	2.8	.2	2.7	9.0	5.5	.2	3.3	...	...	...	...
\$20,000 to \$29,999.....	4.4	3.1	.2	1.1	9.5	8.8	.2	.5	...	...	...	...
\$30,000 to \$39,999.....	10.6	8.7	—	1.9	14.0	13.1	.2	.7	...	...	...	...
\$40,000 to \$49,999.....	17.9	17.7	—	.2	15.6	14.7	—	.9	...	...	...	...
\$50,000 to \$59,999.....	22.0	20.1	.4	1.5	13.2	11.5	.7	1.0	...	...	...	...
\$60,000 to \$69,999.....	35.2	33.0	1.2	1.1	18.4	17.4	.4	.6	...	...	...	...
\$70,000 to \$79,999.....	29.5	26.6	1.2	1.7	13.2	12.2	.2	.7	...	...	...	...
\$80,000 to \$99,999.....	56.1	52.9	.6	2.6	24.1	19.8	.9	3.3	...	...	...	...
\$100,000 to \$119,999.....	27.2	25.4	.4	1.5	8.2	7.2	.4	.6	...	...	...	...
\$120,000 to \$149,999.....	27.9	26.7	.4	.8	10.0	8.7	.2	1.1	...	...	...	...
\$150,000 to \$199,999.....	28.4	26.6	.4	1.4	7.3	6.0	.6	.7	...	...	...	...
\$200,000 to \$249,999.....	8.8	8.2	.2	.3	3.6	3.4	—	.2	...	...	...	...
\$250,000 to \$299,999.....	3.9	3.7	—	.2	1.4	.8	—	.4	...	...	...	...
\$300,000 or more.....	6.5	5.6	.2	.7	2.1	1.5	.4	.2	...	...	...	...
Median	85 446	86 754	75 842	66 727	65 462	66 542	82 648	37 780	...	...	...	...
Ratio of Value to Current Income⁴												
Less than 1.5.....	118.6	105.5	1.4	11.7	47.0	34.4	1.9	10.7	...	...	...	...
1.5 to 1.9.....	65.1	61.4	1.0	2.7	17.3	16.0	.2	1.2	...	...	...	...
2.0 to 2.4.....	40.3	38.4	.7	1.1	17.2	16.1	.4	.8	...	...	...	...
2.5 to 2.9.....	24.2	22.0	.9	1.4	13.5	12.4	—	1.1	...	...	...	...
3.0 to 3.9.....	20.6	19.6	.6	.4	19.9	16.4	1.2	2.4	...	...	...	...
4.0 to 4.9.....	5.3	4.6	—	.7	11.0	10.2	.6	.2	...	...	...	...
5.0 or more.....	12.0	10.2	.6	1.2	29.3	25.5	.9	2.8	...	...	...	...
Zero or negative income.....	.8	.8	—	—	1.1	.6	—	.6	...	...	...	...
Median	1.7	1.7	2.2	1.5	2.4	2.5	3.1	1.5	...	...	...	...

Table 3-19. Detailed Tenure by Financial 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	Owner occupied								Renter occupied			
	With mortgage				With no mortgage				All renters		Unsubsidized renters ¹	
	Total	Specified ²	Not specified		Total	Specified ²	Not specified		Specified ³	Other	Specified ³	Other
			Condo or Coop	Other			Condo or Coop	Other				
Average Monthly Cost Paid for Real Estate Taxes												
Less than \$25	16.8	11.9	.2	4.8	23.5	14.5	.8	8.3	...	...	...	...
\$25 to \$49	48.7	44.7	.6	3.4	40.2	35.5	.4	4.4	...	...	...	...
\$50 to \$74	65.6	59.9	1.7	4.0	35.7	33.4	.9	1.3	...	...	...	...
\$75 to \$99	48.4	45.0	1.2	2.2	25.2	20.7	1.1	3.4	...	...	...	...
\$100 to \$149	61.6	57.8	.7	3.1	19.4	16.4	1.0	2.1	...	...	...	...
\$150 to \$199	24.3	23.5	.4	.4	5.2	5.0	.2	—	...	...	...	...
\$200 or more	21.5	19.6	.4	1.5	7.1	6.1	.8	.2	...	...	...	...
Median	81	83	77	59	60	62	85	34	...	...	...	...
OWNERS WITH ONE OR MORE MORTGAGES												
Total	286.9	262.4	5.2	19.3	...	...	...	...	...	...	...	...
Monthly Payment for Principal and Interest												
Less than \$100	10.0	8.9	.2	.9	...	...	...	...	...	...	...	...
\$100 to \$199	20.2	17.1	.6	2.5	...	...	...	...	...	...	...	...
\$200 to \$249	11.8	10.4	—	1.4	...	...	...	...	...	...	...	...
\$250 to \$299	18.7	15.8	.4	2.4	...	...	...	...	...	...	...	...
\$300 to \$349	23.9	21.0	1.0	1.9	...	...	...	...	...	...	...	...
\$350 to \$399	20.3	19.0	.2	1.1	...	...	...	...	...	...	...	...
\$400 to \$449	24.9	22.6	.7	1.5	...	...	...	...	...	...	...	...
\$450 to \$499	18.9	17.8	.4	.8	...	...	...	...	...	...	...	...
\$500 to \$599	38.2	36.2	.8	1.3	...	...	...	...	...	...	...	...
\$600 to \$699	28.0	26.6	—	1.4	...	...	...	...	...	...	...	...
\$700 to \$799	19.2	17.9	—	1.3	...	...	...	...	...	...	...	...
\$800 to \$999	21.0	20.2	.2	.6	...	...	...	...	...	...	...	...
\$1,000 to \$1,249	15.1	14.1	.6	.4	...	...	...	...	...	...	...	...
\$1,250 to \$1,499	5.8	4.7	—	1.1	...	...	...	...	...	...	...	...
\$1,500 or more	9.1	8.4	—	.7	...	...	...	...	...	...	...	...
Not reported	1.7	1.5	.2	—	...	...	...	...	...	...	...	...
Median	484	494	411	373	...	...	...	...	...	...	...	...
Type of Primary Mortgage												
FHA	43.7	41.7	1.0	.9	...	...	...	...	...	...	...	...
VA	19.7	19.2	—	.5	...	...	...	...	...	...	...	...
Farmers Home Administration	2.1	1.9	—	.2	...	...	...	...	...	...	...	...
Other types	204.1	185.4	3.6	15.1	...	...	...	...	...	...	...	...
Don't know	7.6	6.7	.2	.7	...	...	...	...	...	...	...	...
Not reported	9.7	7.5	.4	1.8	...	...	...	...	...	...	...	...
Mortgage Origination												
Placed new mortgage(s)	251.3	228.6	5.0	17.7	...	...	...	...	...	...	...	...
Primary obtained when property acquired	193.8	175.6	4.3	13.9	...	...	...	...	...	...	...	...
Obtained later	57.5	52.9	.8	3.8	...	...	...	...	...	...	...	...
Date not reported .....	—	—	—	—	...	...	...	...	...	...	...	...
Assumed	12.2	11.5	.2	.5	...	...	...	...	...	...	...	...
Wrap-around .....	.2	.2	—	—	...	...	...	...	...	...	...	...
Combination of the above	22.8	21.8	—	1.0	...	...	...	...	...	...	...	...
Origin not reported .....	.4	.4	—	—	...	...	...	...	...	...	...	...
Payment Plan of Primary Mortgage												
Fixed payment, self amortizing	227.1	210.4	4.0	12.7	...	...	...	...	...	...	...	...
Adjustable rate mortgage	34.0	31.6	.4	2.1	...	...	...	...	...	...	...	...
Adjustable term mortgage .....	—	—	—	—	...	...	...	...	...	...	...	...
Graduated payment mortgage	1.8	1.5	—	.3	...	...	...	...	...	...	...	...
Balloon	3.2	2.6	—	.6	...	...	...	...	...	...	...	...
Other	2.5	2.3	.2	—	...	...	...	...	...	...	...	...
Combination of the above	1.1	.8	—	.4	...	...	...	...	...	...	...	...
Not reported	17.2	13.3	.6	3.3	...	...	...	...	...	...	...	...
Payment Plan of Secondary Mortgage												
Units with two or more mortgages	27.6	25.8	—	1.7	...	...	...	...	...	...	...	...
Fixed payment, self amortizing	18.5	17.0	—	1.5	...	...	...	...	...	...	...	...
Adjustable rate mortgage	5.0	4.8	—	.2	...	...	...	...	...	...	...	...
Adjustable term mortgage .....	—	—	—	—	...	...	...	...	...	...	...	...
Graduated payment mortgage .....	—	—	—	—	...	...	...	...	...	...	...	...
Balloon	1.9	1.9	—	—	...	...	...	...	...	...	...	...
Other .....	.2	.2	—	—	...	...	...	...	...	...	...	...
Combination of the above .....	.6	.6	—	—	...	...	...	...	...	...	...	...
Not reported	1.4	1.4	—	—	...	...	...	...	...	...	...	...
Lenders of Primary and Secondary Mortgages												
Only borrowed from firm(s)	252.9	233.9	4.8	14.2	...	...	...	...	...	...	...	...
Only borrowed from seller	9.2	6.7	—	2.5	...	...	...	...	...	...	...	...
Only borrowed from other individual(s)	3.9	3.7	—	.2	...	...	...	...	...	...	...	...
Borrowed from a firm and seller .....	.6	.4	—	.2	...	...	...	...	...	...	...	...
Borrowed from a firm and other individual .....	.6	.4	—	.2	...	...	...	...	...	...	...	...
Borrowed from seller and other individual .....	.2	—	—	.2	...	...	...	...	...	...	...	...
One or both sources not reported	19.6	17.4	.4	1.8	...	...	...	...	...	...	...	...

¹Excludes units in public housing projects, and housing units with government rent subsidies.
²Limited to one-unit structures on less than 10 acres and no business on property.
³Excludes one-unit structures on 10 acres or more.
⁴Beginning with 1989 this item uses current income in its calculation. See appendix A.
⁵May reflect a temporary situation, living off savings, or response error.

Table 3-20. **Income of Families and Primary Individuals by Selected 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	Zero to negative	\$1 to \$4,999	\$5,000 to \$9,999	\$10,000 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$29,999	\$30,000 to \$39,999	\$40,000 to \$59,999	\$60,000 to \$79,999	\$80,000 to \$99,999	\$100,000 to \$119,999	\$120,000 or more	Median
Total	443.2	1.7	5.6	18.8	24.1	26.3	74.3	53.1	100.5	68.4	34.9	14.7	20.9	43 520
Units in Structure														
1, detached	405.9	1.7	4.6	16.0	20.4	22.3	65.6	48.3	92.7	66.3	34.0	14.1	19.9	45 208
1, attached	12.1	-	-	.8	.8	.4	2.3	1.5	4.2	.9	.4	.2	.8	41 726
2 to 4	5.4	-	.2	.8	.5	.4	1.9	.6	.6	-	.2	.2	.2	24 291
5 to 9	1.9	-	.4	-	.4	.2	.4	.4	-	.2	-	-	-	...
10 to 19 .....	.6	-	-	-	-	.2	-	.2	.2	-	-	-	-	...
20 to 49 .....	.2	-	-	-	-	-	-	.2	-	-	-	-	-	...
50 or more	1.4	-	-	-	-	-	.8	.2	.2	-	-	.2	-	...
Mobile home or trailer	15.7	-	.3	1.3	2.0	2.9	3.4	1.9	2.7	1.0	.3	-	-	23 997
Year Structure Built¹														
1995 to 1999	4.3	-	-	-	.2	-	.2	.4	1.1	1.0	.4	.4	.5	...
1990 to 1994	39.5	.2	-	.6	.6	.6	1.8	3.5	8.8	9.2	6.0	3.3	4.9	68 069
1985 to 1989	44.5	.2	-	.8	1.2	2.2	4.4	3.4	9.3	11.1	5.4	2.4	4.2	61 612
1980 to 1984	26.0	-	-	1.1	.9	.7	2.6	3.1	6.7	5.8	2.5	1.5	.9	53 469
1975 to 1979	52.4	-	1.2	.9	1.5	2.1	7.0	4.7	14.4	9.8	5.2	2.5	3.1	52 155
1970 to 1974	39.4	-	.4	.9	2.3	2.8	5.1	4.1	9.8	7.8	3.7	.9	1.7	48 558
1960 to 1969	75.9	.4	.7	3.8	2.2	4.4	16.9	11.1	17.1	9.5	5.9	1.2	2.6	38 498
1950 to 1959	66.7	.2	1.2	3.2	4.7	5.0	17.7	8.9	14.6	6.4	2.2	.9	1.7	31 540
1940 to 1949	32.3	.4	.6	2.6	3.4	2.2	7.1	4.2	7.1	2.1	1.7	.6	.2	29 680
1930 to 1939	17.6	.2	.5	.8	2.7	1.5	3.1	3.4	2.4	2.6	.4	-	.2	30 154
1920 to 1929	18.7	-	.4	1.3	2.4	1.7	3.0	2.7	3.7	1.4	1.1	.4	.6	31 956
1919 or earlier	26.0	.2	.6	2.9	1.9	3.1	5.4	3.7	5.5	1.7	.4	.5	.2	28 173
Median	1968	...	1956	1956	1953	1959	1961	1963	1970	1976	1977	1981	1981	...
Rooms														
1 room .....	.2	-	-	-	-	-	.2	-	-	-	-	-	-	...
2 rooms .....	.2	-	-	-	-	-	.2	-	-	-	-	-	-	...
3 rooms	2.5	-	.2	.6	.2	.5	1.0	-	-	-	-	-	-	...
4 rooms	32.1	.2	.7	3.4	3.9	5.2	7.9	5.6	3.0	1.4	.2	-	.6	23 308
5 rooms	88.7	.6	1.5	5.0	7.7	7.1	22.5	13.2	20.5	6.2	2.4	.9	1.1	29 955
6 rooms	107.5	.6	1.8	5.4	5.7	6.4	19.4	14.9	27.3	17.2	5.3	2.3	1.3	39 695
7 rooms	99.6	.2	.9	2.7	4.0	5.7	13.1	11.1	24.9	18.9	9.8	2.6	5.6	49 671
8 rooms	64.4	.2	.2	1.1	1.5	.7	6.9	5.0	16.3	13.8	8.9	4.2	5.4	60 300
9 rooms	28.4	-	-	.2	.4	.5	1.9	1.9	5.5	6.9	4.9	2.5	3.7	71 102
10 rooms or more	19.7	-	.2	.4	.6	.2	1.2	1.5	3.0	3.9	3.5	2.0	3.2	74 330
Median	6.4	...	5.7	5.6	5.5	5.6	5.8	6.0	6.5	7.0	7.5	7.8	7.9	...
Bedrooms														
None .....	.4	-	-	-	-	-	.4	-	-	-	-	-	-	...
1	7.3	-	.5	1.0	.6	.5	2.4	.6	.9	.7	-	.2	-	24 499
2	87.8	.6	1.9	7.1	9.7	9.7	22.6	14.4	13.1	5.7	1.5	.4	1.0	26 528
3	228.8	1.0	2.5	8.3	10.0	13.5	37.9	29.4	63.4	34.0	16.4	5.1	7.4	43 741
4 or more	118.9	.2	.6	2.4	3.8	2.5	11.0	8.8	23.1	27.9	17.0	9.0	12.5	65 005
Median	3.1	...	2.6	2.7	2.7	2.7	2.8	2.9	3.1	3.3	3.5	3.5+	3.5+	...
Complete Bathrooms														
None .....	.7	-	-	.2	-	-	-	-	.4	.1	-	-	-	...
1	114.4	.6	3.0	8.4	11.8	14.3	30.6	17.6	18.8	6.1	2.0	.6	.8	26 262
1 and one-half	92.0	-	1.4	3.5	5.5	5.2	19.7	14.7	22.5	10.1	6.6	1.7	1.1	37 273
2 or more	236.1	1.2	1.2	6.6	6.8	6.8	24.1	20.9	58.7	52.1	26.4	12.4	19.0	57 211
Main Heating Equipment														
Warm-air furnace	399.9	1.4	5.4	16.5	20.5	23.8	67.5	50.2	91.9	60.9	30.4	13.1	18.4	43 208
Steam or hot water system	8.5	.2	.2	.8	1.0	.4	.8	.4	1.9	1.5	1.1	.2	.2	46 467
Electric heat pump	18.3	-	-	-	.9	.6	1.7	1.2	4.3	4.5	2.3	.8	2.1	61 840
Built-in electric units	3.9	-	-	.4	-	.2	1.0	.4	.8	.4	.6	.2	-	...
Floor, wall, or other built-in hot air units without ducts	4.7	-	-	.6	.9	-	1.5	.4	.8	.4	-	.2	-	25 534
Room heaters with flue .....	.9	-	-	-	.8	-	.2	-	-	-	-	-	-	...
Room heaters without flue	-	-	-	-	-	-	-	-	-	-	-	-	-	...
Portable electric heaters	-	-	-	-	-	-	-	-	-	-	-	-	-	...
Stoves	4.0	-	-	.6	-	.6	.7	.6	.9	.4	.2	-	-	...
Fireplaces with inserts	1.3	.2	-	-	-	.2	.2	-	-	.3	.2	.2	-	...
Fireplaces without inserts .....	.8	-	-	-	-	.2	.2	-	-	-	.2	-	.2	...
Other .....	.8	-	-	-	-	.2	.6	-	-	-	-	-	-	...
None .....	.2	-	-	-	-	.2	-	-	-	-	-	-	-	...
Primary Source of Water														
Public system or private company	439.0	1.6	5.6	18.6	23.8	25.9	73.5	52.5	99.2	67.8	34.9	14.7	20.9	43 624
Well serving 1 to 5 units	2.8	.2	-	.2	.2	.2	.3	-	1.1	.6	-	-	-	...
Drilled	1.8	-	-	-	-	.2	.3	-	.7	.6	-	-	-	...
Dug .....	.7	.2	-	-	.2	-	-	-	.4	-	-	-	-	...
Not reported .....	.2	-	-	.2	-	-	-	-	-	-	-	-	-	...
Other	1.5	-	-	-	-	.2	.5	.6	.2	-	-	-	-	...
Means of Sewage Disposal														
Public sewer	381.2	1.2	5.4	17.5	21.5	20.4	65.1	47.4	85.0	58.2	29.1	13.0	17.5	42 882
Septic tank, cesspool, chemical toilet	62.1	.6	.2	1.4	2.6	5.9	9.3	5.7	15.4	10.2	5.8	1.7	3.3	47 041
Other	-	-	-	-	-	-	-	-	-	-	-	-	-	...
Main House Heating Fuel														
Housing units with heating fuel	443.1	1.7	5.6	18.8	24.1	26.1	74.3	53.1	100.5	68.4	34.9	14.7	20.9	43 538
Electricity	34.5	-	-	.6	1.5	1.4	4.3	3.0	7.8	7.2	3.7	2.1	2.9	56 402
Piped gas	378.1	1.3	5.3	17.3	20.2	21.4	65.9	46.7	85.0	57.4	29.4	11.4	16.9	42 571
Bottled gas	18.2	.2	.3	-	1.9	1.6	2.4	2.1	4.7	2.4	1.3	.7	.6	42 231
Fuel oil	2.9	-	-	.4	.4	.2	.3	.6	.6	.2	-	-	.2	...
Kerosene or other liquid fuel .....	.5	-	-	-	-	-	-	-	.4	-	-	-	.2	...
Coal or coke	-	-	-	-	-	-	-	-	-	-	-	-	-	...
Wood	7.0	.2	-	.6	-	1.1	1.3	.8	1.3	.8	.6	.2	.2	33 929
Solar energy	-	-	-	-	-	-	-	-	-	-	-	-	-	...
Other	1.9	-	-	-	-	.4	-	-	.8	.6	-	.2	-	...

Table 3-20. Income of Families and Primary Individuals by Selected 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	Zero to negative	\$1 to \$4,999	\$5,000 to \$9,999	\$10,000 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$29,999	\$30,000 to \$39,999	\$40,000 to \$59,999	\$60,000 to \$79,999	\$80,000 to \$99,999	\$100,000 to \$119,999	\$120,000 or more	Median
Cooking Fuel														
With cooking fuel -----	443.0	1.7	5.6	18.8	24.1	26.3	74.3	53.1	100.5	68.2	34.9	14.7	20.9	43 501
Electricity -----	309.0	1.1	3.2	8.0	10.0	13.2	46.2	33.5	76.6	56.6	30.6	12.2	17.6	50 223
Piped gas -----	124.7	.4	2.1	10.6	12.1	11.9	26.8	18.7	22.4	10.8	3.6	2.5	2.9	29 461
Bottled gas -----	8.6	.2	.3	.2	1.8	.9	1.3	.9	1.4	.6	.7	—	.4	27 426
Kerosene or other liquid fuel -----	.2	—	—	—	—	.2	—	—	—	—	—	—	—	...
Coal or coke -----	—	—	—	—	—	—	—	—	—	—	—	—	—	...
Wood -----	—	—	—	—	—	—	—	—	—	—	—	—	—	...
Other -----	.6	—	—	—	.2	.2	—	—	—	.2	—	—	—	...
Persons														
1 person -----	86.5	.4	2.9	13.0	12.1	12.4	20.6	8.6	10.6	3.0	1.5	.8	.8	21 225
2 persons -----	164.1	4.0	2.2	2.7	9.8	9.7	32.9	23.1	37.4	25.3	9.4	3.6	7.7	40 694
3 persons -----	72.8	.4	.4	1.3	1.0	1.9	10.2	8.1	20.1	14.6	7.4	2.9	4.6	53 106
4 persons -----	73.2	—	.2	1.1	.6	1.3	5.9	8.3	20.3	15.4	10.0	5.5	4.8	59 096
5 persons -----	31.6	.6	—	.2	.2	.9	3.0	3.0	7.8	7.5	5.0	1.4	2.1	60 334
6 persons -----	10.3	—	—	.2	—	.2	1.1	1.3	3.2	2.1	1.0	.6	.5	54 322
7 persons or more -----	4.8	—	—	.4	.4	—	.6	.8	1.1	.4	.7	—	.3	44 335
Median -----	2.3	...	1.5-	1.5-	1.5-	1.6	2.0	2.3	2.6	2.9	3.4	3.5	2.9	...
Household Composition by Age of Householder														
2-or-more person households -----	356.7	1.3	2.7	5.8	11.9	13.9	53.8	44.6	89.9	65.4	33.4	13.9	20.1	49 853
Married-couple families, no nonrelatives -----	294.8	.6	1.2	2.7	8.2	9.4	39.3	33.2	78.0	59.6	31.3	13.0	18.3	53 545
Under 25 years -----	3.1	—	—	—	—	.3	1.0	1.0	.6	.2	—	—	—	...
25 to 29 years -----	17.2	—	—	—	—	—	1.7	4.0	5.8	3.6	1.0	.8	.4	50 069
30 to 34 years -----	30.8	—	—	—	.2	.2	2.5	4.4	9.4	8.5	2.9	1.1	1.5	57 195
35 to 44 years -----	78.9	.4	.2	.4	.8	1.0	4.9	6.6	24.0	20.0	11.9	3.7	5.3	61 335
45 to 64 years -----	111.6	.2	.4	.6	3.5	2.5	10.7	9.2	30.1	23.5	14.3	6.8	10.0	59 153
65 years and over -----	53.2	—	.6	1.7	3.8	5.5	18.5	8.0	8.3	3.8	1.3	.6	1.2	28 151
Other male householder -----	21.5	.4	.2	.2	.6	1.2	4.2	4.7	4.5	2.5	1.2	.7	1.0	38 354
Under 45 years -----	13.1	.2	.2	.4	.7	.7	3.2	2.9	2.7	1.4	.6	.7	—	35 954
45 to 64 years -----	6.2	.2	—	—	.2	.4	.7	1.2	1.5	.6	.6	—	.8	44 687
65 years and over -----	2.2	—	—	—	—	.2	.3	.5	.4	.6	—	—	.2	...
Other female householder -----	40.4	.4	1.4	3.0	3.1	3.3	10.3	6.7	7.3	3.3	.9	.2	.8	28 876
Under 45 years -----	21.5	.4	.6	1.6	1.1	1.6	5.7	3.4	4.0	1.6	.7	.2	.6	29 458
45 to 64 years -----	12.2	—	.6	.6	.7	1.5	2.5	2.5	2.4	1.3	.2	—	—	31 147
65 years and over -----	6.7	—	.2	.8	1.3	.2	2.1	.8	.9	.4	—	—	.2	24 542
1-person households -----	86.5	.4	2.9	13.0	12.1	12.4	20.6	8.6	10.6	3.0	1.5	.8	.8	21 225
Male householder -----	28.1	.4	.7	1.9	2.3	3.2	6.7	4.1	4.7	2.4	.7	.2	.6	28 189
Under 45 years -----	9.9	—	.2	.5	.2	.7	3.2	1.9	1.9	.8	.2	—	.4	31 005
45 to 64 years -----	11.6	.4	.5	.6	—	1.3	1.9	2.2	2.4	1.7	.4	—	.2	35 002
65 years and over -----	6.6	—	—	.8	2.2	1.1	1.7	—	.4	—	.2	—	—	16 355
Female householder -----	58.4	—	2.2	11.1	9.8	9.2	13.8	4.4	5.9	.6	.7	.6	.2	18 366
Under 45 years -----	7.3	—	.2	.8	.2	1.0	1.5	1.2	1.7	.2	.2	.2	.2	29 834
45 to 64 years -----	17.6	—	.7	1.3	2.4	2.0	5.0	2.1	3.0	.2	.4	.4	.4	24 637
65 years and over -----	33.6	—	1.2	9.0	7.1	6.2	7.3	1.1	1.2	.2	.2	—	—	14 588
Own Never Married Children Under 18 Years Old														
No own children under 18 years -----	289.7	.6	4.8	16.6	22.4	22.3	57.7	33.0	58.3	37.3	16.3	7.6	12.7	36 214
With own children under 18 years -----	153.6	1.1	.8	2.2	1.7	4.0	16.6	20.1	42.1	31.1	18.6	7.0	8.1	54 321
Under 6 years only -----	32.7	.4	.4	—	.6	1.2	4.5	5.2	8.5	5.6	3.5	1.5	1.1	49 456
1 -----	19.4	.2	—	—	.4	.2	2.5	2.9	5.9	3.2	2.0	.9	1.0	51 310
2 -----	11.8	.2	—	—	—	1.0	1.5	2.1	2.7	2.0	1.4	.6	.2	46 782
3 or more -----	1.5	—	—	—	.2	—	.5	.2	—	.4	.2	—	—	...
6 to 17 years only -----	92.5	.6	.4	1.5	1.1	2.2	8.7	10.8	26.1	19.4	11.8	4.3	5.7	56 103
1 -----	41.3	.4	.2	.4	.4	1.7	4.2	6.3	10.9	7.9	4.7	1.8	2.5	53 194
2 -----	35.7	—	.2	.7	.4	.6	2.2	3.2	11.0	8.4	4.8	1.9	2.3	59 189
3 or more -----	15.5	.2	—	.4	.4	—	2.3	1.3	4.2	3.1	2.3	.5	.9	55 533
Both age groups -----	28.4	.2	—	.7	—	.6	3.5	4.1	7.5	6.0	3.3	1.2	1.3	53 665
2 -----	10.8	.2	—	.2	—	.2	1.3	1.1	2.7	2.4	1.5	.6	.6	57 996
3 or more -----	17.6	—	—	.5	—	.4	2.2	2.9	4.9	3.6	1.7	.6	.7	51 314
Monthly Housing Costs														
Less than \$100 -----	2.0	—	.2	.4	.5	.2	.6	—	.2	—	—	—	—	...
\$100 to \$199 -----	49.9	.2	1.6	5.3	7.9	9.7	14.4	4.7	4.2	1.4	.2	.2	.2	20 239
\$200 to \$249 -----	42.1	—	1.4	4.2	4.6	4.8	11.2	5.7	6.9	1.7	1.1	.4	.2	25 385
\$250 to \$299 -----	30.2	.4	1.0	2.7	3.8	3.3	5.3	4.2	5.7	1.6	1.4	.2	.6	27 354
\$300 to \$349 -----	22.6	.4	—	1.6	2.0	1.3	5.9	3.0	2.8	3.3	1.5	.2	.6	30 398
\$350 to \$399 -----	17.0	—	.4	1.6	.5	1.0	3.6	2.3	4.3	1.3	1.1	.2	.7	36 344
\$400 to \$449 -----	15.0	—	—	.8	1.3	1.5	2.4	1.7	3.5	2.4	.9	.2	.2	38 832
\$450 to \$499 -----	17.5	—	—	—	.4	.6	5.3	2.9	5.0	2.0	.8	—	.6	38 869
\$500 to \$599 -----	38.4	—	.2	.4	.6	1.5	9.2	8.7	10.5	4.4	2.1	.2	.6	38 407
\$600 to \$699 -----	39.1	—	.2	.4	.8	.9	8.3	6.9	11.9	6.3	2.3	.7	.6	43 682
\$700 to \$799 -----	39.1	.4	.4	—	—	1.0	4.1	6.7	14.3	7.9	1.8	1.5	.9	49 834
\$800 to \$999 -----	51.7	—	.2	.2	.2	.2	3.1	4.7	18.8	15.8	5.0	1.9	1.7	58 406
\$1,000 to \$1,249 -----	36.6	.2	—	.7	.8	.4	.6	1.3	7.5	10.9	6.6	3.2	4.4	72 481
\$1,250 to \$1,499 -----	16.9	.2	—	.2	.2	—	.2	.4	2.3	4.5	5.9	1.8	1.5	82 421
\$1,500 or more -----	24.9	—	—	.6	.6	—	.2	—	2.5	4.7	4.2	4.1	8.1	98 603
No cash rent -----	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Median (excludes no cash rent) -----	565	...	236	245	239	234	349	524	659	822	966	1 133	1 204	...
Median Monthly Housing Costs For Owners														
Monthly costs including all mortgages plus maintenance costs -----	597	...	265	270	248	250	378	549	686	852	1 013	1 231	1 237	...
Monthly costs excluding 2nd and subsequent mortgages and maintenance costs -----	552	...	236	245	239	233	347	515	639	808	886	1 083	1 189	...

Table 3-20. **Income of Families and Primary Individuals by Selected 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	Zero to negative	\$1 to \$4,999	\$5,000 to \$9,999	\$10,000 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$29,999	\$30,000 to \$39,999	\$40,000 to \$59,999	\$60,000 to \$79,999	\$80,000 to \$99,999	\$100,000 to \$119,999	\$120,000 or more	Median
Monthly Housing Costs as Percent of Current Income²														
Less than 5 percent	15.4	-	-	-	-	-	.6	.4	2.3	3.0	3.7	1.1	4.2	87 338
5 to 9 percent	70.4	-	-	-	.9	.8	12.1	11.4	19.1	11.7	7.2	2.3	4.9	50 488
10 to 14 percent	99.7	-	-	.2	2.0	10.2	18.8	8.5	20.1	18.9	8.8	5.1	7.2	50 187
15 to 19 percent	90.6	-	-	.6	5.2	5.2	9.7	7.6	26.7	19.9	9.4	3.5	2.9	52 826
20 to 24 percent	64.5	-	-	2.6	4.7	3.2	10.3	11.7	18.6	7.7	3.1	1.6	.9	39 750
25 to 29 percent	37.0	-	-	2.5	3.8	1.9	8.6	7.6	7.4	3.2	1.7	.7	.5	33 561
30 to 34 percent	20.7	.2	-	1.3	2.2	1.9	6.5	3.7	2.7	2.1	-	.2	.7	27 443
35 to 39 percent	12.8	-	.2	2.7	1.2	1.2	4.4	1.2	.9	.5	.4	-	.2	22 625
40 to 49 percent	10.5	-	-	3.5	.9	1.5	2.3	.8	1.4	.1	-	-	-	17 903
50 to 59 percent	5.0	-	.6	1.6	1.1	.8	.4	.2	.3	-	-	-	-	11 380
60 to 69 percent	3.3	-	.2	1.1	.8	.4	.2	.4	.2	.4	.4	-	-	-
70 to 99 percent	5.7	-	1.2	1.8	.6	.2	.4	.2	.4	.4	.4	.2	-	9 533
100 percent or more ³	5.9	-	3.3	.9	.8	-	.2	-	.2	.4	.2	-	-	4 527
Zero or negative income	1.7	1.7	-	-	-	-	-	-	-	-	-	-	-	...
No cash rent	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Median (excludes 2 previous lines)	17	...	100+	39	24	17	18	19	17	15	14	14	11	...
Median (excludes 3 lines before medians)	17	...	70	38	24	17	18	19	17	15	14	14	11	...
Value														
Less than \$10,000	9.8	-	.3	1.2	2.0	2.2	1.8	1.1	.9	.3	-	-	-	18 172
\$10,000 to \$19,999	14.6	.2	.4	1.5	1.4	1.4	4.2	2.8	1.9	.2	.6	-	-	25 556
\$20,000 to \$29,999	13.9	-	.2	1.2	2.7	2.1	3.9	2.6	1.1	.2	-	-	-	22 017
\$30,000 to \$39,999	24.6	.2	.9	3.2	3.1	3.0	5.1	3.1	4.1	1.3	.3	.2	.2	23 784
\$40,000 to \$49,999	33.5	-	.9	2.3	3.4	3.2	11.2	3.8	6.6	1.1	.7	.2	-	26 154
\$50,000 to \$59,999	35.2	.2	.4	2.1	1.7	2.6	8.5	6.5	7.9	3.8	1.3	-	.2	33 145
\$60,000 to \$69,999	53.6	.2	.4	1.7	1.9	4.1	12.7	8.3	15.2	5.8	1.9	.6	.7	36 983
\$70,000 to \$79,999	42.6	.2	.4	.5	2.1	2.1	6.9	7.0	13.5	7.0	1.7	.6	.8	43 217
\$80,000 to \$99,999	80.1	.2	.8	1.3	2.3	2.8	10.0	9.9	25.9	15.4	7.8	1.4	2.3	49 890
\$100,000 to \$119,999	35.4	-	.4	.9	.7	1.0	3.7	3.6	8.8	10.0	3.2	1.7	1.3	56 526
\$120,000 to \$149,999	37.9	.2	.2	1.0	1.0	1.0	2.3	2.5	6.9	10.3	7.0	2.1	3.4	67 453
\$150,000 to \$199,999	35.7	.2	-	1.1	1.0	.2	1.7	1.2	5.6	8.4	6.6	5.3	4.4	76 261
\$200,000 to \$249,999	12.3	-	-	.4	.8	.2	1.4	.2	1.5	2.5	2.0	1.0	2.4	74 008
\$250,000 to \$299,999	5.3	-	-	.2	.2	.4	.4	-	-	.5	.4	.4	2.8	120K+
\$300,000 or more	8.6	.2	.2	-	-	-	.4	.6	.6	1.6	1.4	1.2	2.4	91 036
Median	78 542	...	50 506	49 810	48 590	54 600	61 912	68 123	79 288	98 821	119 419	155 505	168 291	...
Ratio of Value to Current Income²														
Less than 1.5	165.6	-	.3	1.7	4.2	5.0	14.5	14.0	43.6	36.9	19.7	8.9	16.7	59 742
1.5 to 1.9	82.4	-	-	.8	.8	2.2	10.3	13.1	28.0	14.3	8.6	2.9	1.5	50 016
2.0 to 2.4	57.5	-	-	1.0	1.5	2.5	13.4	11.4	12.9	8.7	2.9	1.2	2.0	39 064
2.5 to 2.9	37.7	-	-	.6	2.2	3.0	11.0	6.1	7.7	4.1	1.9	.7	.3	33 336
3.0 to 3.9	40.6	-	-	.6	3.4	5.2	14.6	5.7	5.6	2.9	1.2	.9	.4	27 533
4.0 to 4.9	16.3	-	-	1.1	3.1	3.7	5.0	1.5	1.3	.2	.4	-	-	20 455
5.0 or more	41.3	-	5.3	13.0	8.9	4.6	5.3	1.3	1.3	1.4	.2	-	-	11 328
Zero or negative income	1.9	1.7	-	-	-	-	.2	-	-	-	-	-	-	...
Median	1.8	...	5.0+	5.0+	4.0	3.1	2.5	2.0	1.6	1.5-	1.5-	1.5-	1.5-	...
Monthly Payment for Principal and Interest														
Less than \$100	10.0	.2	-	.8	.6	.9	1.5	2.1	1.9	1.3	.7	-	-	34 956
\$100 to \$199	20.2	-	-	1.4	1.3	1.6	4.1	2.7	5.0	2.5	.7	.2	.6	36 060
\$200 to \$249	11.8	-	-	.4	.4	.8	2.6	2.2	2.6	1.2	1.4	.4	.4	39 863
\$250 to \$299	18.7	-	-	.8	1.1	1.0	4.8	2.9	4.5	2.6	.6	.2	.2	35 696
\$300 to \$349	23.9	-	.2	.2	.2	.8	5.4	4.8	8.9	2.3	.9	-	.4	41 409
\$350 to \$399	20.3	-	.2	.4	.2	.8	3.6	3.6	6.7	3.1	.9	.6	.4	44 394
\$400 to \$449	24.9	-	.2	.4	.4	-	3.9	5.5	8.1	4.7	1.3	.6	.2	46 139
\$450 to \$499	18.9	-	-	.2	.2	.4	3.9	2.6	6.0	3.4	1.3	.8	.4	48 016
\$500 to \$599	38.2	.2	-	.2	-	.2	3.4	5.9	13.7	10.2	3.0	.9	.6	53 542
\$600 to \$699	28.0	-	.2	.1	.4	.6	1.0	1.9	9.6	8.3	2.7	1.7	1.5	60 451
\$700 to \$799	19.2	-	-	.2	.2	.2	.6	1.3	4.2	6.3	3.3	1.1	2.1	70 186
\$800 to \$999	21.0	.2	-	.2	.2	-	-	-	3.5	6.4	5.9	2.0	2.5	79 886
\$1,000 to \$1,249	15.1	.2	-	.4	.6	-	.2	.2	1.7	2.5	4.3	1.8	3.3	88 375
\$1,250 to \$1,499	5.8	-	-	-	-	-	.2	-	.3	1.4	.8	1.4	1.8	103 348
\$1,500 or more	9.1	-	-	.2	.2	-	-	-	1.3	1.8	1.2	1.2	3.2	97 328
Not reported	1.7	-	.2	-	-	-	.2	.4	.4	.4	.2	.2	-	...
Median	484	...	...	...	280	262	343	394	461	577	728	798	964	...
Average Monthly Cost Paid for Real Estate Taxes														
Less than \$25	40.3	.2	1.5	3.4	5.4	4.8	9.9	6.3	5.3	2.0	1.0	.4	.1	24 919
\$25 to \$49	88.9	.6	1.5	5.8	6.9	9.1	21.1	12.8	20.2	6.9	3.0	.6	.4	29 777
\$50 to \$74	101.3	.2	.6	4.0	4.8	6.9	21.1	14.4	28.2	12.0	5.5	1.6	1.9	39 047
\$75 to \$99	73.7	.2	1.2	2.7	3.4	3.0	11.7	10.3	19.9	12.0	4.5	1.7	3.0	44 326
\$100 to \$149	81.0	.2	.2	1.8	2.8	1.7	8.0	6.8	18.4	21.2	11.4	3.6	4.9	60 596
\$150 to \$199	29.5	-	.4	.7	.2	.2	1.1	1.0	5.2	7.7	5.0	3.7	4.3	75 507
\$200 or more	28.6	.4	.2	.4	.6	.6	1.4	1.6	3.2	6.4	4.5	3.1	6.3	78 684
Median	73	...	47	51	49	48	57	63	72	103	115	142	152	...

Table 3-20. **Income of Families and Primary Individuals by Selected 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	Zero to negative	\$1 to \$4,999	\$5,000 to \$9,999	\$10,000 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$29,999	\$30,000 to \$39,999	\$40,000 to \$59,999	\$60,000 to \$79,999	\$80,000 to \$99,999	\$100,000 to \$119,999	\$120,000 or more	Median
Purchase Price														
Home purchased or built.....	435.1	1.5	5.2	18.2	22.5	25.4	72.6	51.8	99.1	68.4	34.9	14.7	20.7	44 079
Less than \$10,000.....	28.5	.2	.9	3.3	4.7	5.3	6.3	3.0	2.9	1.3	.7	—	—	19 948
\$10,000 to \$19,999.....	53.6	.2	.8	4.6	5.5	6.5	14.2	8.0	9.0	2.5	1.3	.5	.6	26 539
\$20,000 to \$29,999.....	33.4	—	.4	1.7	2.3	3.7	7.2	4.5	6.0	4.4	2.5	—	.6	32 865
\$30,000 to \$39,999.....	32.8	—	.4	1.2	.7	1.9	8.2	5.7	8.8	3.6	1.8	—	.6	37 090
\$40,000 to \$49,999.....	30.7	.4	.8	.4	.2	1.9	7.6	5.3	8.6	2.8	1.3	.4	1.0	37 687
\$50,000 to \$59,999.....	35.4	.2	.2	.2	1.1	.8	6.5	6.0	10.4	6.1	2.8	1.0	.4	45 503
\$60,000 to \$69,999.....	30.1	—	—	.2	.2	.2	2.9	6.0	12.9	5.3	1.0	.9	.6	48 681
\$70,000 to \$79,999.....	28.0	—	.2	.2	.6	.6	2.1	3.2	9.6	7.6	2.7	.9	.4	54 960
\$80,000 to \$99,999.....	44.6	.2	.2	.4	.6	.8	4.6	3.8	12.9	11.5	5.6	1.5	2.7	58 294
\$100,000 to \$119,999.....	18.3	—	—	.2	.2	.2	.8	.6	4.1	6.5	1.9	2.1	1.7	69 475
\$120,000 to \$149,999.....	22.9	—	—	.8	.4	.2	—	1.1	4.3	6.4	6.1	1.9	1.8	74 649
\$150,000 to \$199,999.....	17.5	.2	—	.3	.2	.2	.8	.4	1.2	3.8	3.0	3.0	4.4	91 023
\$200,000 to \$249,999.....	5.6	—	—	—	.2	—	—	—	.2	1.1	1.4	1.0	1.8	99 241
\$250,000 to \$299,999.....	2.8	—	—	—	.2	—	—	.2	—	—	.4	.6	1.4	...
\$300,000 or more.....	3.5	—	—	—	—	—	—	—	1.0	.6	.4	.3	1.1	...
Not reported.....	47.5	.2	1.4	4.8	5.5	3.2	11.5	3.8	7.4	5.0	2.1	.6	1.9	27 554
Median	54 198	...	26 992	17 385	17 017	19 046	33 492	45 141	60 175	77 504	88 288	117 551	137 362	...
Received as inheritance or gift.....	6.2	—	.4	.6	1.3	.7	1.1	1.1	.8	—	—	—	.2	21 097
Not reported.....	1.9	.2	—	—	.2	.2	.5	.2	.6	—	—	—	—	...

¹For mobile home, oldest category is 1939 or earlier.
²Beginning with 1989 this item uses current income in its calculation. See appendix A.
³May reflect a temporary situation, living off savings, or response error.

Table 3-21. Housing Costs by Selected 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	Less than \$100	\$100 to \$199	\$200 to \$299	\$300 to \$399	\$400 to \$499	\$500 to \$599	\$600 to \$699	\$700 to \$799	\$800 to \$999	\$1,000 to \$1,499	\$1,500 or more	No cash rent	Mortgage payment not reported	Median excluding no cash rent
Total	443.2	2.0	49.9	72.3	39.7	32.6	38.4	39.1	39.1	51.7	53.5	24.9	...	-	565
Units in Structure															
1, detached	405.9	.9	45.2	63.9	34.8	29.3	34.0	35.5	36.0	49.9	51.7	24.7	...	-	585
1, attached	12.1	.2	1.0	2.1	1.3	1.0	1.5	.9	1.7	1.1	1.2	.2	...	-	537
2 to 4	5.4	.4	.7	1.5	.4	...	.8	.7	.4	.4	.2	...	...	-	323
5 to 9	1.9	...	.4	.4	.4	.6	...	...	.2	...	...	...	...	-	...
10 to 19 .....	.6	...	...	.2	...	...	.2	...	...	...	.2	...	...	-	...
20 to 49 .....	.2	...	.2	...	...	...	...	...	...	...	...	...	...	-	...
50 or more	1.4	.2	.2	...	.2	.2	.2	...	.2	...	.2	...	...	-	...
Mobile home or trailer	15.7	.3	2.2	4.2	2.7	1.6	1.7	1.9	.7	.4	...	...	...	-	339
Year Structure Built¹															
1995 to 1999	4.3	...	.2	.2	.2	.2	.2	.3	.2	.6	.8	1.4	...	-	...
1990 to 1994	39.5	...	.3	2.0	1.8	.4	1.7	2.7	3.1	7.5	11.3	8.8	...	-	1 016
1985 to 1989	44.5	...	.8	3.8	3.7	1.5	3.7	2.6	3.9	7.1	12.1	5.4	...	-	867
1980 to 1984	26.0	...	1.1	1.8	3.3	1.5	.7	2.9	2.6	5.8	4.6	1.6	...	-	759
1975 to 1979	52.4	.6	1.6	5.5	2.6	4.1	4.5	5.8	6.3	10.3	8.0	3.0	...	-	724
1970 to 1974	39.4	.4	1.6	5.6	4.2	2.9	4.0	3.5	6.0	4.9	5.2	1.0	...	-	628
1960 to 1969	75.9	...	8.9	16.7	7.8	6.3	9.0	7.6	7.8	7.5	3.4	.9	...	-	472
1950 to 1959	66.7	.7	13.1	14.0	7.1	7.2	5.7	6.3	4.5	3.6	3.6	.9	...	-	377
1940 to 1949	32.3	.2	6.3	7.4	3.2	3.6	4.2	2.2	1.7	.9	2.0	.6	...	-	369
1930 to 1939	17.6	...	5.4	3.7	2.1	1.5	1.1	.9	.6	1.2	.8	.4	...	-	293
1920 to 1929	18.7	...	5.4	3.7	1.0	1.7	1.3	1.9	1.3	.8	.7	.8	...	-	319
1919 or earlier	26.0	.2	5.3	7.8	2.6	1.7	2.3	2.5	1.1	1.4	.9	.2	...	-	297
Median	1968	...	1952	1960	1965	1961	1965	1968	1972	1978	1982	1988	...	...	...
Rooms															
1 room .....	.2	...	...	...	...	...	.2	...	...	...	...	...	...	-	...
2 rooms .....	.2	...	.2	...	...	...	...	...	...	...	...	...	...	-	...
3 rooms	2.5	.2	.9	.8	.4	...	...	...	.2	...	...	...	...	-	...
4 rooms	32.1	.9	9.8	6.4	3.5	4.7	3.2	1.9	1.0	.2	.4	.2	...	-	284
5 rooms	88.7	.4	19.1	18.2	8.2	8.0	9.8	9.9	8.0	5.2	1.7	.2	...	-	381
6 rooms	107.5	.6	11.8	21.6	9.4	9.6	8.5	11.7	12.8	12.6	7.8	1.1	...	-	509
7 rooms	99.6	...	6.0	16.3	8.3	5.9	9.8	9.4	9.1	17.1	13.6	4.0	...	-	637
8 rooms	64.4	...	1.6	6.5	5.9	2.3	4.4	3.9	4.6	10.3	17.1	8.0	...	-	860
9 rooms	28.4	...	...	2.0	2.7	1.6	1.2	1.3	2.2	4.0	6.5	6.7	...	-	950
10 rooms or more	19.7	...	.6	.6	1.3	.4	1.3	1.0	1.1	2.3	6.3	4.7	...	-	1 098
Median	6.4	...	5.2	6.0	6.3	5.9	6.2	6.2	6.3	7.0	7.7	8.4	...	...	...
Bedrooms															
None .....	.4	...	.2	...	...	...	.2	...	...	...	...	...	...	-	...
1	7.3	.4	2.8	1.6	.4	.8	.9	.2	.2	...	.2	...	...	-	233
2	87.8	1.1	23.1	19.2	8.6	10.8	8.5	6.1	4.9	3.0	1.4	1.1	...	-	307
3	228.8	.6	20.1	40.9	19.4	16.6	21.6	26.4	25.9	32.2	20.8	4.5	...	-	578
4 or more	118.9	...	3.9	10.7	11.3	4.4	7.2	6.5	8.1	16.5	31.1	19.3	...	-	891
Median	3.1	...	2.5	2.9	3.1	2.8	2.9	3.0	3.1	3.2	3.5+	3.5+	...	...	...
Complete Bathrooms															
None .....	.7	...	...	...	.2	...	...	...	...	.2	...	.3	...	-	...
1	114.4	1.6	32.0	26.3	8.5	13.5	12.4	10.9	6.4	1.5	.6	.6	...	-	290
1 and one-half	92.0	.4	9.6	19.1	9.7	8.3	9.3	11.0	11.3	8.1	4.6	.6	...	-	487
2 or more	236.1	...	8.4	26.9	21.2	10.8	16.7	17.2	21.3	41.9	48.3	23.4	...	-	779
Main Heating Equipment															
Warm-air furnace	399.9	1.8	45.6	66.0	35.1	30.1	34.8	35.9	35.5	48.5	45.6	20.9	...	-	561
Steam or hot water system	8.5	...	.6	1.5	.8	.3	.2	.9	1.1	.9	1.5	.6	...	-	687
Electric heat pump	18.3	...	.6	1.6	2.5	.4	1.1	1.4	1.3	1.9	4.8	2.8	...	-	836
Built-in electric units	3.9	...	.6	.6	.4	.4	.6	.2	.2	...	.7	.2	...	-	...
Floor, wall, or other built-in hot air units without ducts	4.7	.2	1.0	.9	.4	1.0	.6	.2	.4	...	.2	...	...	-	384
Room heaters with flue .....	.9	...	.4	.4	...	...	...	...	.2	...	...	...	...	-	...
Room heaters without flue .....	...	...	...	...	...	...	...	...	...	...	...	...	...	-	...
Portable electric heaters .....	...	...	...	...	...	...	...	...	...	...	...	...	...	-	...
Stoves	4.0	...	.4	1.2	.4	.4	.9	.4	.4	.1	...	...	...	-	...
Fireplaces with inserts	1.3	...	.2	.2	...	...	...	...	.2	.2	.3	.2	...	-	...
Fireplaces without inserts .....	.8	...	...	...	.2	...	...	...	...	...	.2	.2	...	-	...
Other .....	.8	...	.6	...	...	...	...	...	...	.2	...	...	...	-	...
None .....	.2	...	.2	...	...	...	...	...	...	...	...	...	...	-	...
Primary Source of Water															
Public system or private company	439.0	2.0	49.2	71.8	39.5	32.2	37.5	38.4	39.1	51.5	52.9	24.9	...	-	566
Well serving 1 to 5 units	2.8	...	.5	.6	...	.4	.4	.4	...	.2	.4	...	...	-	...
Drilled	1.8	...	.3	...	...	.4	.4	...	...	.2	.2	...	...	-	...
Dug .....	.7	...	.2	.4	...	...	...	...	...	...	.2	...	...	-	...
Not reported .....	.2	...	...	.2	...	...	...	...	...	...	...	...	...	-	...
Other	1.5	...	.2	...	.2	...	.5	.4	...	...	.2	...	...	-	...
Means of Sewage Disposal															
Public sewer	381.2	1.7	45.6	59.6	34.6	28.8	33.4	33.2	32.3	45.6	44.5	21.9	...	-	561
Septic tank, cesspool, chemical toilet	62.1	.3	4.3	12.7	5.1	3.7	5.1	5.9	6.7	6.1	9.0	3.0	...	-	594
Other .....	...	...	...	...	...	...	...	...	...	...	...	...	...	-	...
Main House Heating Fuel															
Housing units with heating fuel	443.1	2.0	49.8	72.3	39.7	32.6	38.4	39.1	39.1	51.7	53.5	24.9	...	-	566
Electricity	34.5	...	2.5	2.7	4.4	2.2	3.0	2.0	2.6	4.0	7.0	4.0	...	-	712
Piped gas	378.1	1.7	44.5	61.7	33.1	28.5	32.1	34.7	33.4	45.0	43.6	19.8	...	-	561
Bottled gas	18.2	.3	1.9	5.1	1.1	1.3	2.0	1.6	1.3	2.1	.9	.6	...	-	457
Fuel oil	2.9	...	.3	.4	.4	.2	...	.4	.2	.2	.6	.2	...	-	...
Kerosene or other liquid fuel .....	.5	...	.2	.2	.2	...	.2	...	...	...	...	...	...	-	...
Coal or coke .....	...	...	...	...	...	...	...	...	...	...	...	...	...	-	...
Wood	7.0	...	.6	1.7	.6	.4	1.1	.4	.9	.4	.5	.4	...	-	527
Solar energy .....	...	...	...	...	...	...	...	...	...	...	...	...	...	-	...
Other	1.9	...	...	.6	...	...	...	...	.6	...	.8	...	...	-	...

Table 3-21. Housing Costs by Selected 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	Less than \$100	\$100 to \$199	\$200 to \$299	\$300 to \$399	\$400 to \$499	\$500 to \$599	\$600 to \$699	\$700 to \$799	\$800 to \$999	\$1,000 to \$1,499	\$1,500 or more	No cash rent	Mortgage payment not reported	Median excluding no cash rent
Cooking Fuel															
With cooking fuel -----	443.0	2.0	49.9	72.3	39.7	32.6	38.4	39.1	38.9	51.7	53.5	24.9	...	...	565
Electricity -----	309.0	.8	21.1	43.4	26.7	20.9	25.6	26.3	31.0	43.8	47.9	21.6	...	...	661
Piped gas -----	124.7	.9	27.6	25.4	12.4	11.1	11.9	11.8	7.6	7.6	5.2	3.1	...	...	368
Bottled gas -----	8.6	.3	1.3	3.3	.6	.5	.9	.9	.2	.3	.2	.2	...	...	282
Kerosene or other liquid fuel -----	.2	—	—	—	—	—	—	—	.2	—	—	—	...	...	...
Coal or coke -----	—	—	—	—	—	—	—	—	—	—	—	—	...	...	...
Wood -----	—	—	—	—	—	—	—	—	—	—	—	—	...	...	...
Other -----	.6	—	—	.2	—	—	—	.2	—	—	.2	—	...	...	...
Persons															
1 person -----	86.5	1.4	23.6	21.6	8.5	5.7	6.0	5.2	5.6	4.8	2.9	1.2	...	...	284
2 persons -----	164.1	.2	18.3	36.6	17.5	15.5	14.7	13.6	11.3	14.3	15.7	6.6	...	...	462
3 persons -----	72.8	—	4.5	7.1	5.1	4.7	6.2	8.7	9.5	12.3	9.6	5.0	...	...	701
4 persons -----	73.2	—	2.2	4.3	5.2	4.5	5.5	7.7	8.8	11.7	15.9	7.3	...	...	781
5 persons -----	31.6	.2	.9	1.9	1.7	1.3	4.1	2.7	2.4	5.6	6.9	3.8	...	...	819
6 persons -----	10.3	.2	—	.9	.8	.4	1.1	.9	.8	2.1	2.3	.7	...	...	796
7 persons or more -----	4.8	—	.4	—	1.1	.4	.8	.3	.6	.9	.2	.2	...	...	568
Median -----	2.3	...	1.6	1.9	2.2	2.2	2.4	2.6	2.8	3.1	3.3	3.4	...	...	...
Household Composition by Age of Householder															
2-or-more person households -----	356.7	.6	26.4	50.7	31.2	26.8	32.5	33.9	33.5	46.9	50.6	23.7	...	...	630
Married-couple families, no nonrelatives -----	294.8	.6	19.5	41.5	25.5	21.4	24.8	26.9	26.8	40.3	45.8	21.8	...	...	652
Under 25 years -----	3.1	—	.2	.2	.2	.2	.5	1.0	.4	.2	.2	—	...	...	...
25 to 29 years -----	17.2	—	.2	1.2	.6	.6	1.7	3.0	3.3	3.5	2.2	1.3	...	...	753
30 to 34 years -----	30.8	—	1.0	.9	1.5	1.1	3.9	3.1	3.8	6.5	7.1	1.7	...	...	800
35 to 44 years -----	78.9	.2	1.3	3.3	6.1	4.0	5.9	8.0	7.1	16.5	18.5	8.0	...	...	843
45 to 64 years -----	111.6	.4	5.2	17.3	8.6	11.1	9.9	10.0	10.7	12.0	16.2	10.3	...	...	633
65 years and over -----	53.2	—	11.6	19.5	8.0	4.4	2.9	1.8	1.5	1.5	1.5	.4	...	...	277
Other male householder -----	21.5	—	2.5	2.2	1.6	1.8	1.9	1.8	3.0	3.0	2.8	.8	...	...	636
Under 45 years -----	13.1	—	1.3	1.7	.9	1.2	.9	1.4	2.1	2.1	1.2	.4	...	...	643
45 to 64 years -----	6.2	—	.5	.4	—	.6	1.0	.2	.8	.8	1.6	.4	...	...	749
65 years and over -----	2.2	—	.7	.2	.7	—	.2	.2	.2	.2	—	—	...	...	...
Other female householder -----	40.4	—	4.3	7.0	4.1	3.6	5.7	5.3	3.6	3.6	2.0	1.2	...	...	520
Under 45 years -----	21.5	—	1.7	1.7	1.2	1.9	3.8	4.2	2.5	2.3	1.3	1.0	...	...	611
45 to 64 years -----	12.2	—	.6	2.7	2.0	1.7	1.4	1.1	1.1	1.1	.6	—	...	...	450
65 years and over -----	6.7	—	2.0	2.6	.9	—	.6	—	—	.2	.2	.2	...	...	251
1-person households -----	86.5	1.4	23.6	21.6	8.5	5.7	6.0	5.2	5.6	4.8	2.9	1.2	...	...	284
Male householder -----	28.1	.3	7.4	3.9	2.2	2.0	2.4	1.9	3.2	2.5	1.3	.8	...	...	407
Under 45 years -----	9.9	—	1.4	.9	.5	.9	1.4	.4	2.5	1.3	.2	.4	...	...	588
45 to 64 years -----	11.6	—	2.6	1.5	1.2	.9	1.0	1.5	.7	1.0	.8	.4	...	...	452
65 years and over -----	6.6	.3	3.4	1.4	.6	.2	—	—	—	.2	.4	—	...	...	186
Female householder -----	58.4	1.1	16.2	17.7	6.2	3.7	3.5	3.3	2.5	2.3	1.5	.4	...	...	268
Under 45 years -----	7.3	—	.9	.2	.3	1.1	.8	1.5	.7	.9	.6	.2	...	...	622
45 to 64 years -----	17.6	.4	2.5	4.6	2.1	2.0	1.5	1.2	1.1	1.2	.7	.2	...	...	363
65 years and over -----	33.6	.7	12.8	12.9	3.8	.6	1.2	.6	.6	.2	.2	—	...	...	225
Own Never Married Children Under 18 Years Old															
No own children under 18 years -----	289.7	1.6	44.6	64.7	30.8	23.2	23.9	21.4	21.6	24.1	23.7	10.0	...	...	414
With own children under 18 years -----	153.6	.4	5.4	7.6	8.9	9.3	14.6	17.7	17.5	27.6	29.7	14.9	...	...	774
Under 6 years only -----	32.7	—	1.5	1.5	1.1	1.2	3.1	4.8	4.1	6.1	6.5	2.8	...	...	777
1 -----	19.4	—	.8	1.0	.7	.8	1.5	1.9	3.1	4.3	3.7	1.5	...	...	793
2 -----	11.8	—	.7	.5	.4	.4	1.1	2.7	1.0	1.7	2.5	.9	...	...	720
3 or more -----	1.5	—	—	—	—	—	.5	.2	—	.2	.2	.4	...	...	...
6 to 17 years only -----	92.5	.2	2.8	4.6	6.1	7.4	8.3	10.4	10.9	15.9	16.8	9.2	...	...	759
1 -----	41.3	—	1.8	2.2	2.9	3.6	4.1	5.8	5.8	7.7	6.1	3.3	...	...	703
2 -----	35.7	.2	.6	1.8	2.5	2.8	2.3	2.7	4.0	7.1	7.7	4.0	...	...	829
3 or more -----	15.5	—	.4	.6	.7	1.0	1.9	1.9	1.1	3.0	3.1	1.8	...	...	810
Both age groups -----	28.4	.2	1.1	1.5	1.6	.8	3.2	2.5	2.5	5.7	6.4	2.9	...	...	830
2 -----	10.8	—	.2	.7	.4	.4	.9	.9	1.0	2.1	2.8	1.3	...	...	882
3 or more -----	17.6	.2	.9	.7	1.3	.4	2.2	1.6	1.5	3.6	3.6	1.6	...	...	798
Income of Families and Primary Individuals															
Less than \$5,000 -----	7.3	.2	1.8	2.8	.8	—	.2	.2	.8	.2	.4	—	...	...	261
\$5,000 to \$9,999 -----	18.8	.4	5.3	6.9	3.2	.8	.4	.4	—	.2	.7	.6	...	...	254
\$10,000 to \$14,999 -----	24.1	.5	7.9	8.4	2.5	1.7	.6	.8	—	.2	1.0	.6	...	...	243
\$15,000 to \$19,999 -----	26.3	.2	9.7	8.2	2.3	2.0	1.5	.9	1.0	.2	.4	—	...	...	240
\$20,000 to \$24,999 -----	35.2	—	8.1	7.9	5.1	3.8	3.4	4.0	1.7	.8	.4	—	...	...	330
\$25,000 to \$29,999 -----	39.1	.6	6.2	8.5	4.4	3.9	5.8	4.3	2.4	2.4	.4	.2	...	...	396
\$30,000 to \$34,999 -----	28.5	—	2.7	5.9	2.4	3.4	4.8	3.6	2.5	1.9	1.1	—	...	...	492
\$35,000 to \$39,999 -----	24.6	—	2.0	4.0	2.9	1.1	3.9	3.2	4.2	2.8	.5	—	...	...	559
\$40,000 to \$49,999 -----	54.3	—	3.3	7.0	3.8	4.9	7.6	6.5	8.4	8.3	3.6	.9	...	...	608
\$50,000 to \$59,999 -----	46.2	.2	.9	5.5	3.4	3.7	2.9	5.4	6.0	10.5	6.2	1.5	...	...	719
\$60,000 to \$79,999 -----	68.4	—	1.4	3.3	4.7	4.5	4.4	6.3	7.9	15.8	15.4	4.7	...	...	822
\$80,000 to \$99,999 -----	34.9	—	2.2	2.6	2.6	1.7	2.1	2.3	1.8	5.0	12.4	4.2	...	...	966
\$100,000 to \$119,999 -----	14.7	—	.2	.5	.4	.2	.2	.7	1.5	1.9	4.9	4.1	...	...	1 170
\$120,000 or more -----	20.9	—	.2	.8	1.3	.8	.6	.6	.9	1.7	6.0	8.1	...	...	1 303
Median -----	43 259	...	20 211	26 159	33 220	37 669	38 230	43 357	48 432	58 578	75 593	98 603	...	...	...
Value															
Less than \$10,000 -----	9.8	.7	1.4	3.4	1.7	1.3	.2	.7	—	.4	—	—	...	...	281
\$10,000 to \$19,999 -----	14.6	.2	4.7	2.9	1.9	1.5	1.2	.8	.4	.6	.4	—	...	...	283
\$20,000 to \$29,999 -----	13.9	—	7.1	3.5	1.3	1.2	.4	—	.5	—	—	—	...	...	198
\$30,000 to \$39,999 -----	24.6	.2	8.3	5.5	3.8	2.9	2.0	1.4	.4	—	.2	—	...	...	270
\$40,000 to \$49,999 -----	33.5	.2	8.3	7.5	2.9	4.6	7.4	1.4	.9	.4	—	—	...	...	326
\$50,000 to \$59,999 -----	35.2	.2	6.4	6.4	2.2	4.5	6.2	5.6	2.4	1.0	.2	.2	...	...	453
\$60,000 to \$69,999 -----	53.6	—	7.4	9.6	4.3	4.3	7.1	10.6	7.7	1.2	1.4	—	...	...	516
\$70,000 to \$79,999 -----	42.6	—	3.0	9.2	1.5	3.1	3.7	4.4	8.8	7.0	1.7	.2	...	...	617
\$80,000 to \$99,999 -----	80.1	.6	2.6	15.0	5.8	4.8	5.1	8.2	11.3	20.1	6.5	.1	...	...	675
\$100,000 to \$119,999 -----	35.4	—	—	3.5	4.4	1.1	1.3	2.9	3.8	10.7	6.1	1.7	...	...	813
\$120,000 to \$149,999 -----	37.9	—	.4	3.1	6.4	1.0	.6	1.1	.9	6.3	16.1	2.1	...	...	975
\$150,000 to \$199,999 -----	35.7	—	.2	1.7	2.7	1.3	1.9	.7	.4	3.3	15.6	7.8	...	...	1 179
\$200,000 to \$249,999 -----	12.3	—	—	1.0	.4	.8	.6	.4	.4	.4	3.2	5.1	...	...	1 341

Table 3-21. Housing Costs by Selected 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	Less than \$100	\$100 to \$199	\$200 to \$299	\$300 to \$399	\$400 to \$499	\$500 to \$599	\$600 to \$699	\$700 to \$799	\$800 to \$999	\$1,000 to \$1,499	\$1,500 or more	No cash rent	Mortgage payment not reported	Median excluding no cash rent
Ratio of Value to Current Income²															
Less than 1.5 -----	165.6	.9	17.1	21.1	14.1	16.3	16.7	18.6	16.4	19.8	17.7	6.9	...	—	580
1.5 to 1.9 -----	82.4	—	6.3	8.9	6.3	4.7	8.6	6.9	9.2	13.6	13.7	4.3	...	—	694
2.0 to 2.4 -----	57.5	—	6.5	7.9	4.0	3.0	4.8	3.6	5.6	9.1	8.5	4.6	...	—	673
2.5 to 2.9 -----	37.7	.4	4.2	7.5	2.1	2.1	3.0	3.4	4.0	4.5	3.6	3.0	...	—	587
3.0 to 3.9 -----	40.6	.4	5.3	8.4	4.7	3.4	2.3	2.4	1.7	2.8	6.1	3.0	...	—	444
4.0 to 4.9 -----	16.3	—	2.9	4.8	2.1	1.5	1.1	1.4	.8	.6	.4	.8	...	—	324
5.0 or more -----	41.3	.4	7.5	13.5	5.9	1.5	1.9	2.9	1.0	1.4	3.1	2.4	...	—	295
Zero or negative income -----	1.9	—	.2	.4	.6	—	—	—	.4	—	.4	—	...	—	...
Median -----	1.8	...	2.1	2.4	1.9	1.5-	1.6	1.6	1.7	1.7	1.8	2.1	...	...	...
Monthly Payment for Principal and Interest															
Less than \$100 -----	10.0	—	.4	4.3	4.4	.8	.2	—	—	—	—	—	...	...	307
\$100 to \$199 -----	20.2	—	—	1.6	7.9	8.0	1.8	.4	.4	.2	—	—	...	...	407
\$200 to \$249 -----	11.8	—	—	—	1.8	6.3	2.4	.9	—	.4	—	—	...	...	464
\$250 to \$299 -----	18.7	—	—	—	.3	6.9	8.2	2.4	.8	—	—	—	...	...	525
\$300 to \$349 -----	23.9	—	—	—	—	4.5	13.7	4.7	.9	.2	—	—	...	...	555
\$350 to \$399 -----	20.3	—	—	—	—	.2	6.6	10.8	2.3	.4	.2	—	...	...	632
\$400 to \$449 -----	24.9	—	—	—	—	—	2.1	13.7	6.8	1.8	.4	—	...	...	675
\$450 to \$499 -----	18.9	—	—	—	—	—	.4	3.7	10.7	3.7	.4	—	...	...	750
\$500 to \$599 -----	38.2	—	—	—	—	—	—	.8	14.7	21.1	1.7	—	...	...	834
\$600 to \$699 -----	28.0	—	—	—	—	—	—	—	.8	19.9	7.1	.2	...	...	933
\$700 to \$799 -----	19.2	—	—	—	—	—	—	—	—	3.4	—	—	...	...	1 196
\$800 to \$999 -----	21.0	—	—	—	—	—	—	—	—	—	19.9	1.1	...	...	1 264
\$1,000 to \$1,249 -----	15.1	—	—	—	—	—	—	—	—	—	6.6	8.5	...	...	1500+
\$1,250 to \$1,499 -----	5.8	—	—	—	—	—	—	—	—	—	—	5.8	...	...	1500+
\$1,500 or more -----	9.1	—	—	—	—	—	—	—	—	—	—	9.1	...	...	1500+
Not reported -----	1.7	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Median -----	484	...	...	100-	136	236	319	398	485	590	804	1 361	...	...	...
Average Monthly Cost Paid for Real Estate Taxes															
Less than \$25 -----	40.3	1.2	13.1	7.4	4.5	5.1	2.5	3.5	1.2	.9	.6	.3	...	—	278
\$25 to \$49 -----	88.9	.6	22.9	18.3	5.5	9.5	12.6	8.8	4.8	4.0	1.9	—	...	—	349
\$50 to \$74 -----	101.3	—	12.0	22.5	6.6	7.0	12.5	11.5	14.5	9.8	4.1	.8	...	—	521
\$75 to \$99 -----	73.7	.2	1.9	18.0	7.1	4.7	4.2	6.3	9.6	12.8	8.1	.8	...	—	611
\$100 to \$149 -----	81.0	—	—	5.7	12.4	4.2	3.8	5.7	5.9	19.4	18.9	5.0	...	—	829
\$150 to \$199 -----	29.5	—	—	.2	3.6	1.0	.2	1.0	1.3	2.9	13.0	6.3	...	—	1 174
\$200 or more -----	28.6	—	—	.2	—	1.2	2.6	2.3	1.8	1.9	6.8	11.8	...	—	1 317
Median -----	73	...	38	62	87	56	58	66	73	97	132	195	...	...	...
Purchase Price															
Home purchased or built -----	435.1	2.0	46.9	69.3	39.1	32.2	38.2	38.7	38.9	51.5	53.5	24.7	...	—	573
Less than \$10,000 -----	28.5	1.1	12.2	8.9	3.5	1.6	—	.7	—	.5	—	—	...	—	211
\$10,000 to \$19,999 -----	53.6	.6	15.0	19.5	8.7	4.6	2.7	1.5	.7	.4	—	—	...	—	257
\$20,000 to \$29,999 -----	33.4	—	4.2	8.2	5.6	5.3	3.9	3.3	1.0	.9	—	—	...	—	376
\$30,000 to \$39,999 -----	32.8	—	2.1	5.3	3.6	8.3	6.7	2.6	2.6	1.0	.6	—	...	—	464
\$40,000 to \$49,999 -----	30.7	—	2.0	2.7	1.5	2.5	9.6	6.1	3.6	1.7	.9	—	...	—	569
\$50,000 to \$59,999 -----	35.4	—	1.2	2.9	1.5	2.3	4.7	10.4	7.0	4.0	1.5	—	...	—	650
\$60,000 to \$69,999 -----	30.1	—	.8	2.2	.6	1.3	2.4	5.5	10.0	4.7	2.3	.2	...	—	722
\$70,000 to \$79,999 -----	28.0	—	.6	1.5	.8	1.0	1.0	2.5	6.1	10.4	3.4	.8	...	—	812
\$80,000 to \$99,999 -----	44.6	—	.2	3.2	3.9	.2	1.7	3.1	4.3	16.3	10.3	1.4	...	—	869
\$100,000 to \$119,999 -----	18.3	—	—	.9	1.4	.4	.2	.4	.6	5.4	7.8	1.2	...	—	991
\$120,000 to \$149,999 -----	22.9	—	—	.6	1.2	.4	.2	—	—	2.3	14.4	3.9	...	—	1 238
\$150,000 to \$199,999 -----	17.5	—	—	.2	.8	.3	.8	.1	.8	1.2	6.9	6.6	...	—	1 341
\$200,000 to \$249,999 -----	5.6	—	—	.1	—	.2	.4	.2	—	.2	.4	4.1	...	—	1500+
\$250,000 to \$299,999 -----	2.8	—	—	—	—	—	—	—	—	—	.6	2.2	...	—	...
\$300,000 or more -----	3.5	—	—	—	—	—	—	.2	.4	—	.9	2.0	...	—	...
Not reported -----	47.5	.4	8.5	13.1	6.1	3.9	3.9	2.2	1.9	2.4	2.6	2.5	...	—	329
Median -----	54 198	...	14 634	19 882	27 783	33 242	43 967	53 985	63 653	81 011	114 177	178 211	...	...	...
Received as inheritance or gift -----	6.2	—	2.7	2.7	.4	.4	—	—	—	—	—	—	...	—	217
Not reported -----	1.9	—	.4	—	.2	—	.2	.4	.2	—	—	.2	...	—	...

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

²Beginning with 1989 this item uses current income calculation. See appendix A.

Table 3-22. Value by Selected 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	Less than \$30,000	\$30,000 to \$39,999	\$40,000 to \$49,999	\$50,000 to \$59,999	\$60,000 to \$79,999	\$80,000 to \$99,999	\$100,000 to \$149,999	\$150,000 to \$199,999	\$200,000 to \$249,999	\$250,000 to \$299,999	\$300,000 or more	Median
Total	443.2	38.3	24.6	33.5	35.2	96.2	80.1	73.4	35.7	12.3	5.3	8.6	78 708
Units in Structure													
1, detached	405.9	23.0	22.1	32.2	33.0	89.5	75.4	71.4	34.6	11.9	4.7	8.0	80 830
1, attached	12.1	1.0	.2	.9	.9	4.0	2.2	1.1	.9	.4	.2	.2	75 093
2 to 4	5.4	.8	.2	—	.6	1.6	1.3	.5	.2	—	.2	—	74 165
5 to 9	1.9	.4	.2	—	—	.5	.6	—	—	—	—	.2	...
10 to 19 .....	.6	—	—	—	—	.2	.2	—	—	—	.2	—	...
20 to 49 .....	.2	—	—	—	—	—	.2	—	—	—	—	—	...
50 or more	1.4	—	—	—	.4	.4	.2	.2	—	—	—	.2	...
Mobile home or trailer	15.7	13.1	2.0	.3	.3	—	—	—	—	—	—	—	30000-
Year Structure Built¹													
1995 to 1999	4.3	—	.3	—	—	.2	.6	1.6	.6	.2	.2	.5	...
1990 to 1994	39.5	3.8	—	.3	—	2.2	6.3	12.1	10.8	3.4	2.2	2.1	144 713
1985 to 1989	44.5	3.1	.7	.4	.2	5.4	7.4	14.2	6.7	3.5	1.0	1.3	115 449
1980 to 1984	26.0	2.3	—	.2	1.3	3.4	7.7	6.6	3.2	1.0	.2	.2	95 392
1975 to 1979	52.4	4.5	.9	1.9	1.7	11.6	15.7	9.5	3.8	1.4	.4	1.0	87 052
1970 to 1974	39.4	2.8	1.7	1.3	2.5	10.5	8.7	8.1	2.4	.8	.4	.2	82 134
1960 to 1969	75.9	4.2	1.5	4.6	8.8	26.4	15.5	9.8	3.6	.6	—	.8	74 215
1950 to 1959	66.7	5.1	5.4	9.9	9.3	19.3	9.2	4.9	1.7	.8	.4	.8	63 765
1940 to 1949	32.3	2.8	4.0	6.6	4.7	6.5	3.0	2.1	1.4	.4	.2	.6	55 786
1930 to 1939	17.6	4.5	2.5	2.6	2.0	2.4	2.1	1.4	—	—	—	.2	47 136
1920 to 1929	18.7	3.1	2.5	1.8	2.1	4.5	1.7	1.2	.6	—	.4	.8	58 989
1919 or earlier	26.0	5.3	4.9	3.8	2.6	3.7	2.4	1.9	.9	.2	—	.2	47 239
Median	1968	1957	1946	1952	1957	1964	1974	1979	1985	1986	1989	1979	...
Rooms													
1 room .....	.2	—	—	—	—	.2	—	—	—	—	—	—	...
2 rooms .....	.2	—	—	—	—	—	—	—	—	—	—	—	...
3 rooms	2.5	1.0	.4	—	.2	.2	.2	.2	.2	—	.2	.2	...
4 rooms	32.1	14.4	3.3	4.8	2.3	4.7	2.1	4.2	.2	—	.2	—	35 101
5 rooms	88.7	11.7	7.7	14.0	11.5	23.2	13.6	4.9	1.2	.2	—	.6	59 457
6 rooms	107.5	7.2	7.3	7.5	11.1	33.7	21.1	14.4	3.4	.8	.2	.8	72 259
7 rooms	99.6	1.7	4.4	5.4	6.3	21.1	24.8	22.3	8.6	3.1	.6	1.1	88 684
8 rooms	64.4	1.7	1.0	.7	2.7	8.6	11.2	19.4	11.7	4.4	1.6	1.6	116 459
9 rooms	28.4	.2	.2	.5	.7	2.5	4.7	8.5	5.5	2.3	1.8	1.5	131 482
10 rooms or more	19.7	.2	.4	.4	.6	2.0	2.5	3.5	5.1	1.6	.8	2.7	153 300
Median	6.4	4.8	5.6	5.3	5.8	6.1	6.6	7.3	7.9	8.0	8.5	8.5	...
Bedrooms													
None .....	.4	.2	—	—	—	.2	—	—	—	—	—	—	...
1	7.3	2.4	1.0	.4	.7	1.5	.6	—	—	—	.2	.4	46 115
2	87.8	22.6	9.5	14.1	7.7	18.9	8.7	3.7	1.6	.4	.2	.4	48 353
3	228.8	10.5	11.6	16.2	21.8	61.1	55.0	35.1	11.0	3.6	.9	2.2	77 772
4 or more	118.9	2.6	2.5	2.8	5.0	14.5	15.9	34.4	23.1	8.4	4.1	5.6	123 404
Median	3.1	2.2	2.7	2.6	2.9	3.0	3.1	3.4	3.5+	3.5+	3.5+	3.5+	...
Complete Bathrooms													
None .....	.7	—	.2	—	—	—	—	.4	—	—	.1	—	...
1	114.4	27.2	14.1	23.5	14.9	24.5	6.1	2.3	.8	—	.4	.6	46 748
1 and one-half	92.0	5.9	5.3	5.1	13.9	33.2	19.0	7.3	1.0	.4	.2	.6	69 448
2 or more	236.1	5.1	5.0	4.8	6.5	38.5	55.1	63.4	33.9	11.9	4.6	7.4	102 435
Main Heating Equipment													
Warm-air furnace	399.9	34.3	21.7	30.6	32.6	89.8	72.9	66.4	29.6	10.5	4.7	6.7	77 980
Steam or hot water system	8.5	.6	.6	.5	.6	2.4	1.1	.7	.8	.2	.4	.6	76 234
Electric heat pump	18.3	.4	.5	.4	.2	.9	4.5	4.9	4.0	1.3	.2	1.1	123 443
Built-in electric units	3.9	.6	.4	.2	.6	.4	.6	.4	.6	.2	—	—	...
Floor, wall, or other built-in hot air units without ducts	4.7	.8	1.1	1.3	.4	1.0	.2	—	—	—	—	—	43 421
Room heaters with flue .....	.9	.6	—	—	—	—	.2	—	.2	—	—	—	...
Room heaters without flue	—	—	—	—	—	—	—	—	—	—	—	—	...
Portable electric heaters	—	—	—	—	—	—	—	—	—	—	—	—	...
Stoves	4.0	.6	.2	.4	.8	1.3	.4	—	.2	.1	—	.2	...
Fireplaces with inserts	1.3	.2	—	—	—	.2	.4	.5	—	—	—	—	...
Fireplaces without inserts .....	.8	—	—	—	—	—	—	.4	.4	—	—	—	...
Other .....	.8	.2	.2	—	.2	.2	—	—	—	—	—	—	...
None .....	.2	.2	—	—	—	—	—	—	—	—	—	—	...
Primary Source of Water													
Public system or private company	439.0	37.8	24.3	33.1	34.8	95.5	79.4	72.8	35.5	12.1	5.3	8.4	78 748
Well serving 1 to 5 units	2.8	.3	—	.2	.2	.7	.7	.2	.2	.2	—	—	...
Drilled	1.8	.3	—	—	—	.7	.2	.2	.2	.2	—	—	...
Dug .....	.7	—	—	.2	—	—	.5	—	—	—	—	—	...
Not reported .....	.2	—	—	—	.2	—	—	—	—	—	—	—	...
Other	1.5	.2	.3	.2	.2	—	—	.4	—	—	—	.2	...
Means of Sewage Disposal													
Public sewer	381.2	33.4	21.6	30.0	30.7	85.2	67.4	61.8	28.5	10.3	4.7	7.5	77 577
Septic tank, cesspool, chemical toilet	62.1	4.9	3.0	3.4	4.6	11.1	12.8	11.5	7.2	2.0	.6	1.1	86 422
Other	—	—	—	—	—	—	—	—	—	—	—	—	...
Main House Heating Fuel													
Housing units with heating fuel	443.1	38.1	24.6	33.5	35.2	96.2	80.1	73.4	35.7	12.3	5.3	8.6	78 727
Electricity	34.5	2.0	1.8	.9	1.3	5.0	6.8	7.6	5.9	1.7	.4	1.1	98 664
Piped gas	378.1	31.6	21.3	30.7	31.4	85.6	67.9	61.0	26.3	10.3	4.7	7.1	77 284
Bottled gas	18.2	2.7	1.4	1.3	1.5	2.3	4.0	2.9	1.8	—	.2	.2	79 710
Fuel oil	2.9	.9	—	—	—	.6	.4	.6	.4	—	—	—	...
Kerosene or other liquid fuel .....	.5	—	—	—	—	.4	—	.2	—	—	—	—	...
Coal or coke	—	—	—	—	—	—	—	—	—	—	—	—	...
Wood	7.0	.8	.2	.5	1.0	2.1	.7	.9	.6	.1	—	.2	70 213
Solar energy	—	—	—	—	—	—	—	—	—	—	—	—	...
Other	1.9	.2	—	—	—	.4	.4	.2	.6	.2	—	—	...

Table 3-22. Value by Selected 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	Less than \$30,000	\$30,000 to \$39,999	\$40,000 to \$49,999	\$50,000 to \$59,999	\$60,000 to \$79,999	\$80,000 to \$99,999	\$100,000 to \$149,999	\$150,000 to \$199,999	\$200,000 to \$249,999	\$250,000 to \$299,999	\$300,000 or more	Median
Cooking Fuel													
With cooking fuel -----	443.0	38.3	24.6	33.5	35.2	96.2	79.9	73.4	35.7	12.3	5.3	8.6	78 688
Electricity -----	309.0	10.3	8.9	16.0	21.4	64.7	67.9	64.5	32.3	11.5	5.1	6.2	89 753
Piped gas -----	124.7	25.3	14.7	16.9	13.1	30.0	11.4	7.5	2.8	.8	.2	2.2	54 218
Bottled gas -----	8.6	2.3	1.0	.6	.8	1.3	.7	1.2	.6	—	—	.2	54 929
Kerosene or other liquid fuel -----	.2	—	—	—	—	.2	—	—	—	—	—	—	...
Coal or coke -----	—	—	—	—	—	—	—	—	—	—	—	—	...
Wood -----	—	—	—	—	—	—	—	—	—	—	—	—	...
Other -----	.6	.4	—	—	—	—	—	.2	—	—	—	—	...
Persons													
1 person -----	86.5	13.4	6.8	9.3	9.4	20.1	11.4	8.7	4.0	1.6	.2	1.6	64 263
2 persons -----	164.1	12.0	9.9	13.5	12.1	36.3	32.7	27.8	10.9	4.8	2.2	1.9	79 037
3 persons -----	72.8	4.7	3.2	5.6	5.3	17.0	15.1	12.6	5.1	1.8	1.2	1.2	80 743
4 persons -----	73.2	4.3	2.4	2.3	5.0	14.0	12.9	16.0	9.8	2.8	1.3	2.4	93 333
5 persons -----	31.6	2.3	1.9	2.1	1.7	4.9	5.6	6.0	4.6	1.0	.4	1.2	90 345
6 persons -----	10.3	.6	.4	.4	1.2	2.6	2.3	1.6	.8	.4	—	.1	80 183
7 persons or more -----	4.8	1.0	—	.4	.6	1.2	.2	.7	.6	—	—	.2	68 145
Median -----	2.3	2.0	2.1	2.1	2.2	2.3	2.4	2.5	3.1	2.5	2.7	3.1	...
Household Composition by Age of Householder													
2-or-more person households -----	356.7	24.9	17.8	24.2	25.8	76.1	68.7	64.7	31.7	10.8	5.1	7.0	82 804
Married-couple families, no nonrelatives -----	294.8	16.8	12.5	18.7	20.4	60.3	60.0	57.4	28.5	9.4	4.7	6.2	86 245
Under 25 years -----	3.1	.3	.2	.2	.2	1.2	.4	.2	.2	—	—	.2	...
25 to 29 years -----	17.2	.4	.6	2.3	4.9	4.2	2.7	1.6	—	—	.2	—	80 147
30 to 34 years -----	30.8	1.4	.8	2.1	2.2	6.4	6.5	7.2	2.4	1.0	.6	.2	87 715
35 to 44 years -----	78.9	3.5	4.6	4.4	4.7	12.2	15.0	18.3	10.3	2.9	1.0	1.9	93 240
45 to 64 years -----	111.6	6.4	3.5	7.3	7.2	22.2	24.0	20.7	11.0	4.1	1.9	3.3	87 669
65 years and over -----	53.2	4.8	3.0	4.1	3.7	13.4	9.9	8.3	3.0	1.4	1.0	.6	76 393
Other male householder -----	21.5	3.7	.7	1.0	1.1	4.7	4.0	3.8	1.6	.6	.1	.2	78 064
Under 45 years -----	13.1	2.1	.4	1.0	.8	2.7	2.7	2.5	.8	.2	—	—	77 274
45 to 64 years -----	6.2	1.1	—	—	.4	1.6	.8	1.1	.8	.4	.1	—	81 182
65 years and over -----	2.2	.5	.4	—	—	.4	.6	.2	—	—	—	.2	...
Other female householder -----	40.4	4.4	4.5	4.5	4.3	11.1	4.7	3.4	1.7	.8	.4	.6	64 408
Under 45 years -----	21.5	2.9	1.1	2.5	1.5	7.2	2.5	2.1	1.1	.2	—	.4	67 679
45 to 64 years -----	12.2	.9	2.2	1.2	1.5	2.8	1.7	1.1	.2	.4	.2	—	61 948
65 years and over -----	6.7	.6	1.1	.9	1.3	1.1	.5	.2	.4	.2	.2	.2	55 528
1-person households -----	86.5	13.4	6.8	9.3	9.4	20.1	11.4	8.7	4.0	1.6	.2	1.6	64 263
Male householder -----	28.1	5.2	1.3	3.6	2.6	7.5	3.0	2.5	1.6	.2	—	.6	63 567
Under 45 years -----	9.9	1.8	.2	1.1	.5	2.8	1.7	1.2	.4	—	—	.2	69 453
45 to 64 years -----	11.6	1.6	.7	1.4	1.5	3.2	.9	1.1	1.0	—	—	.2	63 999
65 years and over -----	6.6	1.8	.4	1.1	.6	1.5	.4	.2	.2	.2	—	.2	49 550
Female householder -----	58.4	8.2	5.6	5.7	6.8	12.6	8.4	6.2	2.4	1.4	.2	1.0	64 675
Under 45 years -----	7.3	.8	.2	.8	.6	1.4	1.8	1.1	.2	—	.2	.2	79 240
45 to 64 years -----	17.6	2.8	1.0	2.0	1.8	4.1	3.3	1.3	.6	.2	—	.4	65 684
65 years and over -----	33.6	4.6	4.4	2.9	4.4	7.2	3.2	3.7	1.6	1.2	—	.4	61 363
Own Never Married Children Under 18 Years Old													
No own children under 18 years -----	289.7	27.0	18.6	25.4	24.7	65.2	52.0	43.7	18.4	7.7	3.2	3.8	75 076
With own children under 18 years -----	153.6	11.3	6.0	8.1	10.5	31.0	28.1	29.6	17.3	4.6	2.1	4.8	86 992
Under 6 years only -----	32.7	2.6	.9	1.1	2.3	7.4	6.7	6.4	2.5	1.4	.6	.8	85 852
1 -----	19.4	.9	.6	1.0	1.5	4.3	3.9	4.2	1.6	.8	.2	.4	87 303
2 -----	11.8	1.8	.2	.2	.7	2.7	2.4	1.9	1.0	.2	.4	.4	82 709
3 or more -----	1.5	—	.2	—	—	.4	.4	.2	—	.4	—	—	...
6 to 17 years only -----	92.5	6.8	3.9	5.8	6.0	18.3	17.0	17.4	10.2	2.4	1.2	3.5	86 325
1 -----	41.3	3.4	2.1	3.2	3.0	9.9	6.6	6.8	3.1	.8	.4	1.9	78 037
2 -----	35.7	1.6	1.0	1.7	2.0	5.3	8.0	7.7	5.7	1.2	.6	.7	95 274
3 or more -----	15.5	1.9	.8	.9	.9	3.1	2.3	2.8	1.4	.4	.2	.9	81 769
Both age groups -----	28.4	1.8	1.2	1.1	2.3	5.3	4.5	5.9	4.6	.8	.3	.6	91 238
2 -----	10.8	.3	.4	.2	.6	2.5	1.7	2.3	1.7	.6	.1	.4	97 020
3 or more -----	17.6	1.5	.8	.9	1.7	2.8	2.7	3.6	2.9	.2	.2	.2	87 624
Income of Families and Primary Individuals													
Less than \$5,000 -----	7.3	1.1	1.1	.9	.6	1.1	1.0	.8	.2	—	—	.4	58 482
\$5,000 to \$9,999 -----	18.8	3.9	3.2	2.3	2.1	2.3	1.3	1.9	1.1	.4	.2	—	49 810
\$10,000 to \$14,999 -----	24.1	6.1	3.1	3.4	1.7	3.9	2.3	1.7	1.0	.8	.2	—	48 590
\$15,000 to \$19,999 -----	26.3	5.8	3.0	3.2	2.6	6.2	2.8	2.0	.2	.2	.4	—	54 600
\$20,000 to \$24,999 -----	35.2	6.0	2.1	6.4	4.4	8.0	4.6	2.1	1.0	.2	—	.4	56 985
\$25,000 to \$29,999 -----	39.1	3.9	3.0	4.8	4.1	11.6	5.4	3.9	.8	1.2	.4	—	66 482
\$30,000 to \$34,999 -----	28.5	3.6	2.1	2.7	3.7	8.0	5.1	2.6	.4	.2	—	.2	65 476
\$35,000 to \$39,999 -----	24.6	2.9	1.0	1.1	2.8	7.3	4.8	3.6	.8	—	—	.4	72 493
\$40,000 to \$49,999 -----	54.3	2.3	2.8	4.7	5.0	15.7	12.5	7.7	2.9	.7	—	—	75 766
\$50,000 to \$59,999 -----	46.2	1.6	1.3	1.9	2.9	13.1	13.4	8.0	2.7	.8	—	.6	83 513
\$60,000 to \$79,999 -----	68.4	.7	1.3	1.1	3.8	12.8	15.4	20.3	8.4	2.5	.5	1.6	98 821
\$80,000 to \$99,999 -----	34.9	.6	.3	.7	1.3	3.6	7.8	10.2	6.6	2.0	.4	1.4	115 186
\$100,000 to \$119,999 -----	14.7	—	.2	.2	—	1.1	1.4	3.8	5.3	1.0	.4	1.2	155 505
\$120,000 or more -----	20.9	—	.2	—	.2	1.5	2.3	4.7	4.4	2.4	2.8	2.4	168 291
Median -----	43 259	21 923	24 558	25 538	32 766	39 771	50 225	62 271	76 261	74 008	120K+	91 036	...
Monthly Housing Costs													
Less than \$100 -----	2.0	.9	.2	.2	.2	—	.6	—	—	—	—	—	...
\$100 to \$199 -----	49.9	13.2	8.3	8.3	6.4	10.4	2.6	.4	.2	—	—	—	44 169
\$200 to \$249 -----	42.1	3.7	3.4	5.7	4.4	12.8	7.7	3.1	.9	.4	—	—	66 073
\$250 to \$299 -----	30.2	6.0	2.2	1.7	2.1	6.0	7.3	3.4	.7	.6	.2	—	70 466
\$300 to \$349 -----	22.6	2.5	2.0	1.5	1.4	3.4	4.3	6.7	.4	.2	—	.2	82 431
\$350 to \$399 -----	17.0	2.5	1.9	1.3	.7	2.4	1.5	4.0	2.3	.2	—	.2	77 370
\$400 to \$449 -----	15.0	2.4	1.1	1.1	2.4	3.1	1.9	1.6	1.0	.2	—	.2	62 717
\$450 to \$499 -----	17.5	1.6	1.7	3.4	2.1	4.3	2.9	.6	.4	.6	.1	—	59 904
\$500 to \$599 -----	38.4	1.8	2.0	7.4	6.2	10.8	5.1	1.9	1.9	.6	.6	—	63 326
\$600 to \$699 -----	39.1	1.5	1.4	1.4	5.6	15.0	8.2	4.0	.7	.4	.4	.6	72 950
\$700 to \$799 -----	39.1	.9	.4	.9	2.4	16.5	11.3	4.7	.4	.4	.6	.6	78 159
\$800 to \$999 -----	51.7	.9	—	.4	1.0	8.2	20.1	17.0	3.3	.4	.2	.2	95 309
\$1,000 to \$1,249 -----	36.6	.4	.2	—	.2	2.3	5.8	17.2	8.6	.8	.2	.8	127 303
\$1,250 to \$1,499 -----	16.9	—	—	—	—	.7	.6	5.0	7.0	2.4	.4	.8	164 944
\$1,500 or more -----	24.9	—	—	—	.2	.2	.1	3.7	7.8	5.1	2.7	5.0	203 306
No cash rent -----	...	...	...	...	...	...	...	...	...	...	...	...	...
Median (excludes no cash rent) -----	565	261	262	325	450	552	675	873	1 162	1 394	1500+	1500+	...

Table 3-22. Value by Selected 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	Less than \$30,000	\$30,000 to \$39,999	\$40,000 to \$49,999	\$50,000 to \$59,999	\$60,000 to \$79,999	\$80,000 to \$99,999	\$100,000 to \$149,999	\$150,000 to \$199,999	\$200,000 to \$249,999	\$250,000 to \$299,999	\$300,000 or more	Median
Median Monthly Housing Costs For Owners													
Monthly costs including all mortgages plus maintenance costs	597	272	281	350	490	571	713	905	1 215	1 421	1500+	1500+	...
Monthly costs excluding 2nd and subsequent mortgages and maintenance costs	552	259	257	322	442	533	656	847	1 121	1 383	1500+	1500+	...
Monthly Housing Costs as Percent of Current Income²													
Less than 5 percent	15.4	1.0	1.4	1.7	1.3	3.8	2.1	2.5	.7	.2	.5	.2	71 744
5 to 9 percent	70.4	7.9	3.6	5.6	6.5	15.0	15.4	10.1	4.0	1.4	.6	.4	75 580
10 to 14 percent	99.7	9.4	6.1	7.2	9.6	24.2	16.5	14.4	7.5	2.2	1.0	1.4	74 408
15 to 19 percent	90.6	4.9	4.6	5.6	4.4	20.7	19.0	17.8	9.1	1.4	1.0	2.0	85 315
20 to 24 percent	64.5	6.4	3.0	5.3	5.2	11.2	13.0	11.3	4.8	2.2	.8	1.2	81 835
25 to 29 percent	37.0	2.1	2.3	2.1	2.6	8.4	6.4	6.9	3.1	1.6	.6	.9	83 092
30 to 34 percent	20.7	2.4	.4	1.7	2.0	5.4	2.8	2.3	2.3	1.0	.4	.2	74 626
35 to 39 percent	12.8	1.1	.4	.9	1.5	2.8	2.3	2.3	.8	.6	—	.2	77 408
40 to 49 percent	10.5	.7	1.1	1.0	.6	1.9	.9	2.5	1.2	.6	—	—	79 171
50 to 59 percent	5.0	.8	.2	.6	.6	.7	.4	.6	.4	.2	.2	.4	69 583
60 to 69 percent	3.3	.2	.6	.4	—	.8	—	.4	.6	—	—	.4	...
70 to 99 percent	5.7	.5	.4	.7	.6	.4	.6	1.1	.4	.4	.2	.4	88 533
100 or more percent ³	5.9	.7	.4	.6	.2	.6	.6	1.0	.6	.6	.2	.6	98 658
Zero or negative income	1.7	.2	.2	—	.2	.4	.2	.2	.2	—	—	.2	...
No cash rent	...	...	...	...	...	...	...	...	...	...	...	...	...
Median (excludes 2 previous lines)	17	16	16	17	15	16	17	18	18	22	18	21	...
Median (excludes 3 lines before medians)	17	15	16	17	15	16	16	18	18	21	18	20	...
Monthly Payment for Principal and Interest													
Less than \$100	10.0	1.4	1.7	.9	1.8	1.6	1.3	.8	.4	—	—	—	55 131
\$100 to \$199	20.2	4.8	2.1	2.9	1.1	5.3	2.6	1.0	.2	—	.2	—	52 691
\$200 to \$249	11.8	2.0	1.1	.9	1.3	1.7	3.2	.6	.8	—	—	.2	66 639
\$250 to \$299	18.7	1.4	2.4	3.8	2.9	5.2	1.2	1.8	—	—	—	—	55 988
\$300 to \$349	23.9	1.5	1.6	4.6	3.6	8.2	2.6	1.3	.2	—	.2	—	61 509
\$350 to \$399	20.3	.2	.5	2.9	3.7	6.0	5.2	1.3	.5	—	—	—	69 459
\$400 to \$449	24.9	.6	.4	.6	3.4	11.9	5.3	1.7	.4	.6	—	—	72 619
\$450 to \$499	18.9	—	.6	.5	1.9	7.5	4.2	3.0	.6	.4	—	.2	77 320
\$500 to \$599	38.2	.2	.2	.6	1.1	12.0	13.4	8.2	1.9	—	.2	.6	87 601
\$600 to \$699	28.0	.4	—	.2	.6	2.1	9.9	11.9	2.9	.1	—	—	103 736
\$700 to \$799	19.2	.4	—	—	.2	1.0	4.9	8.5	3.3	.6	.2	.2	118 779
\$800 to \$999	21.0	.2	—	—	—	.9	1.1	9.6	6.7	1.2	.4	.9	142 856
\$1,000 to \$1,249	15.1	—	—	—	.2	.6	.6	2.7	6.3	3.8	.6	.4	177 763
\$1,250 to \$1,499	5.8	—	—	—	.2	—	—	.6	2.5	1.8	.6	.2	192 964
\$1,500 or more	9.1	—	—	—	—	.2	.1	1.8	1.4	.4	1.5	3.6	269 654
Not reported	1.7	—	—	—	—	.4	.4	.4	.4	—	—	.2	...
Median	484	206	258	305	353	417	517	665	886	1 104	...	1500+	...
Average Monthly Cost Paid for Real Estate Taxes													
Less than \$25	40.3	20.9	6.3	3.8	2.1	3.4	1.8	1.4	—	.2	—	.5	30000-
\$25 to \$49	88.9	12.3	11.1	16.8	14.8	22.1	7.3	3.1	.8	.2	—	.4	52 844
\$50 to \$74	101.3	3.0	5.5	8.8	14.7	38.8	21.8	5.9	1.9	.6	.2	.1	69 617
\$75 to \$99	73.7	.8	1.2	3.5	2.5	19.9	26.3	15.8	3.2	.6	—	—	86 832
\$100 to \$149	81.0	1.1	.4	.6	.6	10.4	20.6	34.4	10.1	1.9	.6	.4	110 010
\$150 to \$199	29.5	.2	—	—	.2	.8	1.1	10.5	12.2	2.4	1.2	1.0	158 173
\$200 or more	28.6	—	.2	—	.4	.8	1.3	2.3	7.6	6.5	3.3	6.2	213 271
Median	73	25-	39	44	51	65	84	115	158	200+	200+	200+	...
Purchase Price													
Home purchased or built	435.1	36.5	22.6	33.3	34.8	94.7	79.0	72.4	35.5	12.3	5.3	8.6	79 078
Less than \$10,000	28.5	13.3	3.1	5.1	2.3	2.9	1.1	.6	.2	—	—	—	33 013
\$10,000 to \$19,999	53.6	11.9	6.2	7.5	8.9	12.8	4.7	1.6	—	—	—	—	51 322
\$20,000 to \$29,999	33.4	4.1	4.2	3.2	3.5	9.3	5.5	2.1	1.2	—	.2	.2	63 678
\$30,000 to \$39,999	32.8	.9	3.2	6.6	4.1	7.4	5.6	3.8	.6	.4	—	.2	64 476
\$40,000 to \$49,999	30.7	.2	.6	5.8	5.4	9.2	4.8	3.4	.8	—	.2	.4	67 320
\$50,000 to \$59,999	35.4	.4	.2	—	7.6	17.9	4.5	3.2	.4	.6	—	.6	70 660
\$60,000 to \$69,999	30.1	.4	—	—	.2	17.3	8.8	2.3	.8	.4	—	—	76 713
\$70,000 to \$79,999	28.0	—	—	—	.2	6.2	16.8	3.4	1.2	.2	—	—	89 086
\$80,000 to \$99,999	44.6	.6	—	—	—	.2	19.4	21.8	2.3	.1	.2	.2	105 014
\$100,000 to \$119,999	18.3	.4	.2	—	—	—	.8	13.4	2.2	1.0	—	.4	129 238
\$120,000 to \$149,999	22.9	—	—	—	—	—	—	11.3	10.8	.8	—	—	150 707
\$150,000 to \$199,999	17.5	—	—	—	.2	.2	.2	—	11.5	4.0	.8	.6	185 468
\$200,000 to \$249,999	5.6	.1	—	—	.2	—	—	—	.1	2.7	1.9	.6	244 415
\$250,000 to \$299,999	2.8	—	—	—	—	—	—	—	—	—	1.2	1.6	...
\$300,000 or more	3.5	—	—	—	—	.6	.2	.2	—	—	—	2.5	...
Not reported	47.5	4.4	5.0	5.1	2.3	10.8	6.7	5.4	3.5	2.1	.8	1.4	72 939
Median	54 198	12 314	19 235	24 639	34 003	50 205	70 692	92 044	137 921	170 640	221 447	265 684	...
Received as inheritance or gift	6.2	1.5	1.7	.2	.2	1.2	1.1	—	.2	—	—	—	39 295
Not reported	1.9	.2	.4	—	.2	.4	—	.8	—	—	—	—	...

¹For mobile home, oldest category is 1939 or earlier.
²Beginning with 1989 this item uses current income in its calculation. See appendix A.
³May reflect a temporary situation, living off savings, or response error.

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 occupied units	Housing unit characteristics				Household characteristics					Selected subareas ¹		
		New construction 4 yrs	Mobile homes	Physical problems		Black	Hispanic	Elderly (65+)	Moved in past year	Below poverty level	Area one	Area two	Area three
				Severe	Moderate								
Total	215.9	2.8	2.3	2.3	12.3	38.5	7.8	32.4	87.3	39.7	74.3	24.1	39.6
Tenure													
Owner occupied .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Percent of all occupied .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Renter occupied	215.9	2.8	2.3	2.3	12.3	38.5	7.8	32.4	87.3	39.7	74.3	24.1	39.6
Race and Origin													
White	170.0	2.4	2.3	2.1	8.6	-	6.1	28.9	68.0	25.8	48.8	14.5	37.1
Non-Hispanic	163.9	2.4	2.3	2.1	8.5	-	-	28.9	64.7	25.0	46.3	14.0	36.4
Hispanic	6.1	-	-	-	.2	-	6.1	-	3.2	.8	2.5	.6	.8
Black	38.5	.4	-	-	3.1	38.5	-	2.7	15.3	12.8	23.1	8.4	1.9
Other	7.4	-	-	.2	.6	-	1.7	.8	4.0	1.2	2.3	1.2	.6
Total Hispanic	7.8	-	-	-	.2	-	7.8	.2	4.4	1.2	3.1	1.0	.9
Units in Structure													
1, detached	68.7	.6	...	.8	5.5	12.8	3.7	6.0	24.0	14.4	21.1	9.5	13.1
1, attached	31.0	1.4	...	.4	1.1	5.0	1.1	3.4	12.7	6.0	6.3	4.3	9.1
2 to 4	30.9	.6	...	-	1.9	5.3	1.4	6.9	12.3	5.0	11.7	1.9	4.2
5 to 9	33.3	.2	...	.6	1.6	6.4	.3	4.3	15.4	4.7	12.3	1.7	3.7
10 to 19	20.2	-	...	.2	.6	3.5	.4	.4	10.4	2.7	7.1	2.5	4.7
20 to 49	14.7	-	...	.4	.8	3.1	.4	1.9	7.5	1.9	6.9	2.1	2.1
50 or more	14.8	-	...	-	.6	2.3	.6	9.5	3.3	5.0	8.1	1.7	2.8
Mobile home or trailer	2.3	-	2.3	-	.3	-	-	-	1.6	-	.7	.3	-
Cooperatives and Condominiums													
Cooperatives	2.3	-	-	-	.2	.8	-	.4	1.0	.2	.4	.4	.4
Condominiums	1.8	-	-	-	-	-	-	-	.4	-	.6	-	.6
Year Structure Built²													
1995 to 1999 .....	.6	.6	-	.2	.2	-	-	.2	.6	.2	-	-	.2
1990 to 1994	4.0	2.2	-	-	.2	1.0	.2	.6	1.6	.6	.8	.2	.2
1985 to 1989	19.4	...	.4	.2	.4	1.8	.4	3.0	10.1	1.2	6.4	2.0	3.9
1980 to 1984	11.2	...	.3	-	.2	.6	.4	2.5	4.0	1.5	3.0	.8	1.3
1975 to 1979	54.5	...	.3	.4	2.8	11.1	1.7	6.3	26.6	9.8	13.5	6.9	11.9
1970 to 1974	25.3	...	1.0	-	.8	5.1	.4	5.7	9.3	4.1	7.1	3.3	5.9
1960 to 1969	27.0	...	.3	.2	1.1	5.0	1.4	4.4	11.4	4.1	8.3	3.9	5.0
1950 to 1959	21.1	...	-	.2	1.0	3.7	1.0	2.7	6.2	4.4	7.6	1.5	5.3
1940 to 1949	13.3	...	-	.4	1.8	2.6	.4	.7	5.2	3.7	6.2	1.3	2.5
1930 to 1939	11.6	...	-	.2	.6	3.7	.8	1.6	4.3	3.2	7.4	1.9	.8
1920 to 1929	9.9	...	-	.4	1.2	2.0	.4	1.4	3.3	3.0	6.9	.6	1.4
1919 or earlier	17.9	...	-	.2	1.9	1.8	1.0	3.2	4.7	4.0	7.0	1.7	1.4
Median	1971	...	...	...	1957	1970	1963	1972	1975	1964	1962	1972	1973

¹See back cover for details.²For mobile home, oldest category is 1939 or earlier.

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 occupied units	Housing unit characteristics				Household characteristics					Selected subareas ¹		
		New construction 4 yrs	Mobile homes	Physical problems		Black	Hispanic	Elderly (65+)	Moved in past year	Below poverty level	Area one	Area two	Area three
				Severe	Mod-erate								
Total	215.9	2.8	2.3	2.3	12.3	38.5	7.8	32.4	87.3	39.7	74.3	24.1	39.6
Stories in Structure													
1	31.0	1.0	2.3	.6	1.6	4.1	1.3	6.3	11.2	5.5	4.6	4.2	6.4
2	82.9	1.6	—	.6	4.5	15.0	2.7	9.6	33.9	15.7	22.3	9.7	18.4
3	78.7	.2	—	.9	4.6	15.1	3.1	7.9	34.3	11.1	31.2	8.3	12.0
4 to 6	14.7	—	—	.2	1.2	3.1	.2	5.4	6.2	4.6	10.8	.6	1.9
7 or more	8.5	—	—	—	.4	1.2	.6	3.2	1.7	2.7	5.2	1.3	.9
Stories Between Main and Apartment Entrances													
Multiunits, 2 or more floors	107.6	.6	...	1.1	5.2	19.8	3.0	19.8	47.2	18.2	45.9	9.2	16.1
None (on same floor)	36.1	.2	...	—	1.9	5.4	1.3	7.7	13.3	3.2	13.5	3.3	4.6
1 (up or down)	42.2	.4	...	.6	2.2	9.7	.5	4.6	21.2	8.2	16.8	2.7	6.3
2 or more (up or down)	27.8	—	...	.5	1.2	4.3	1.0	7.1	11.9	6.8	14.5	3.2	5.0
Not reported	1.6	—	...	—	—	.4	.2	.4	.8	—	1.2	—	.2
Common Stairways													
Multiunits, 2 or more floors	107.6	.6	...	1.1	5.2	19.8	3.0	19.8	47.2	18.2	45.9	9.2	16.1
No common stairways	18.3	.2	...	.2	1.5	3.1	.8	2.7	6.0	2.9	6.8	1.9	3.5
With common stairways	88.6	.4	...	.9	3.7	16.5	2.3	16.9	41.0	15.3	38.3	7.3	12.7
No loose steps	79.0	.4	...	.6	3.5	15.4	2.1	14.6	36.9	14.4	34.1	7.1	11.3
Railings not loose	72.9	.4	...	.6	2.9	13.3	2.1	13.6	34.4	13.0	30.5	6.5	10.7
Railings loose	2.5	—	...	—	.2	1.2	—	.2	1.1	.6	1.4	.4	.2
No railings	2.4	—	...	—	.4	.6	—	.6	1.0	.6	1.8	—	.2
Status of railings not reported	1.2	—	...	—	—	.4	—	.2	.4	.2	.4	.2	.2
Loose steps	9.4	—	...	.4	.2	1.1	.2	2.4	4.1	.9	4.3	.2	1.1
Railings not loose	8.3	—	...	.4	.2	.9	.2	2.2	3.7	.8	3.7	.2	1.1
Railings loose .....	.5	—	...	—	—	.2	—	—	—	.2	.2	—	—
No railings .....	.4	—	...	—	—	—	—	—	.4	—	.4	—	—
Status of railings not reported .....	.2	—	...	—	—	—	—	.2	—	—	—	—	—
Status of steps not reported .....	.2	—	...	—	—	—	—	—	—	—	—	—	.2
Status of stairways not reported .....	.8	—	...	—	—	.2	—	.2	.2	—	.8	—	—
Light Fixtures in Public Halls													
2 or more units in structure	113.9	.8	...	1.1	5.4	20.6	3.0	23.0	49.0	19.3	46.1	10.0	17.5
No public halls	36.5	.6	...	.2	1.3	6.2	1.2	6.7	14.3	4.6	10.9	3.5	6.7
No light fixtures in public halls .....	.4	—	...	—	—	—	—	—	.2	—	.2	—	—
All in working order	47.0	—	...	.4	1.8	8.4	1.2	12.7	18.9	9.7	23.4	2.4	6.7
Some in working order	2.1	—	...	—	.2	.4	—	.2	1.3	.4	1.0	.2	.4
None in working order	—	—	...	—	—	—	—	—	—	—	—	—	—
Unable to determine if working	25.8	.2	...	.6	1.8	5.0	.7	2.9	13.4	4.4	9.1	3.4	3.4
Not reported	2.1	—	...	—	.4	.6	—	.6	1.0	.2	1.6	.2	.2
Elevator on Floor													
Multiunits, 2 or more floors	107.6	.6	...	1.1	5.2	19.8	3.0	19.8	47.2	18.2	45.9	9.2	16.1
With 1 or more elevators working	18.3	—	...	.2	.8	2.9	.6	10.8	4.0	6.6	11.5	1.7	3.0
With elevator, none in working condition	—	—	...	—	—	—	—	—	—	—	—	—	—
No elevator	88.4	.6	...	.9	4.4	16.5	2.4	8.8	43.0	11.6	33.5	7.5	13.1
Units 3 or more floors from main entrance	3.5	—	...	.2	.6	.2	—	—	2.1	.6	1.4	—	.8
Foundation													
1 unit bldg. excl. mobile homes	99.7	2.0	...	1.2	6.6	17.9	4.8	9.4	36.7	20.4	27.4	13.8	22.2
With basement under all of building	53.9	.6	...	.4	4.5	10.5	1.9	4.0	20.1	10.8	20.3	7.9	11.1
With basement under part of building	17.5	—	...	.2	.6	2.4	1.3	1.4	6.1	3.5	2.6	2.4	5.0
With crawl space	12.6	.2	...	.4	.8	1.2	.5	1.5	4.3	2.3	1.4	1.1	2.4
On concrete slab	15.1	1.2	...	.2	.6	3.9	1.0	2.2	5.7	3.8	3.2	2.4	3.5
Other .....	.6	—	...	—	.2	—	—	.2	.4	—	—	—	.2
External Building Conditions²													
Sagging roof	4.0	—	...	.4	.8	1.0	—	.4	1.5	1.6	2.2	.2	1.4
Missing roofing material	1.9	—	...	.2	.4	.2	—	.2	1.0	.4	.4	—	.6
Hole in roof .....	.4	—	...	—	—	.2	—	—	—	—	—	.2	—
Could not see roof	12.2	—	...	—	1.1	3.7	.5	.9	4.7	2.7	8.1	1.1	1.1
Missing bricks, siding, other outside wall material	7.5	—	...	.4	1.0	1.7	.4	.4	3.4	2.9	3.7	1.3	1.5
Sloping outside walls .....	.4	—	...	—	—	.4	—	—	.2	.2	.2	.2	—
Boarded up windows	1.9	—	...	.2	—	.6	—	—	1.0	.6	1.4	.2	.2
Broken windows	2.7	—	...	—	.2	.4	—	—	.6	.6	1.0	.4	.6
Bars on windows	2.3	—	...	—	.4	1.6	—	.2	1.0	1.2	2.2	.2	—
Foundation crumbling or has open crack or hole	4.6	—	...	.4	.6	1.3	.2	.2	1.5	2.0	2.9	.2	1.0
Could not see foundation	3.1	—	...	—	.6	.8	—	.4	1.5	.8	1.6	.4	.8
None of the above	187.7	2.8	2.3	1.5	9.3	30.9	6.8	29.7	76.3	31.8	59.7	20.8	35.4
Could not observe or not reported	2.4	—	...	.2	—	.2	.2	.5	1.5	.7	1.1	—	.2
Site Placement													
Mobile homes	2.3	—	2.3	—	.3	—	—	—	1.6	—	.7	.3	—
First site	1.0	—	1.0	—	—	—	—	—	.7	—	—	—	—
Moved from another site	—	—	—	—	—	—	—	—	—	—	—	—	—
Don't know	1.3	—	1.3	—	.3	—	—	—	1.0	—	.7	.3	—
Not reported	—	—	—	—	—	—	—	—	—	—	—	—	—
Previous Occupancy													
Unit built 1980 or later	34.6	2.2	.7	.2	.8	3.4	.9	6.1	15.7	3.3	10.2	3.0	5.4
Not previously occupied	2.8	1.1	—	.2	.2	.8	—	.9	.9	.4	.8	.2	.4
Not reported .....	.5	—	—	—	—	—	—	.2	.2	—	—	.2	—

¹See back cover for details.

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

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 occupied units	Housing unit characteristics				Household characteristics					Selected subareas ¹		
		New construction 4 yrs	Mobile homes	Physical problems		Black	Hispanic	Elderly (65+)	Moved in past year	Below poverty level	Area one	Area two	Area three
				Severe	Mod-erate								
Total	215.9	2.8	2.3	2.3	12.3	38.5	7.8	32.4	87.3	39.7	74.3	24.1	39.6
Rooms													
1 room	3.6	-	-	.2	.2	.6	.2	1.2	1.6	1.0	1.4	.8	.9
2 rooms	2.9	.2	-	-	.2	.6	-	.8	1.1	.8	1.6	.4	.2
3 rooms	44.4	.2	-	.6	1.5	7.5	1.1	12.6	18.3	9.9	17.6	4.7	8.2
4 rooms	61.0	.4	1.6	.6	3.6	10.7	1.7	7.7	25.7	9.9	21.4	6.0	12.0
5 rooms	58.2	1.5	.7	.6	3.3	10.6	1.9	7.1	22.9	10.3	18.8	7.8	11.5
6 rooms	25.5	.2	-	.4	1.5	4.9	1.6	2.7	9.2	4.7	8.3	1.9	3.7
7 rooms	13.4	.1	-	-	1.4	1.6	1.0	-	5.2	2.1	3.3	2.1	2.5
8 rooms	4.1	.2	-	-	.2	1.4	.4	.2	1.9	.4	.8	.4	.4
9 rooms	1.9	-	-	-	.4	.4	-	.2	.8	.4	.6	-	.2
10 rooms or more .....	.8	-	-	-	-	.2	-	-	.6	.2	.6	-	-
Median	4.4	...	...	...	4.7	4.5	5.0	3.7	4.4	4.3	4.3	4.5	4.4
Bedrooms													
None	4.7	-	-	.2	.2	.8	.2	1.4	1.8	1.0	1.8	1.0	1.1
1	60.8	.6	.3	.6	2.6	9.4	1.7	15.3	24.9	12.3	25.6	6.0	9.1
2	91.0	.2	1.6	1.0	5.4	16.9	2.7	11.5	38.1	15.0	30.4	10.9	18.4
3	48.0	2.0	.4	.6	3.0	9.3	2.3	3.5	17.5	8.7	13.7	4.3	8.4
4 or more	11.2	-	-	-	1.0	2.0	1.0	.8	5.0	2.7	2.7	1.8	2.6
Median	2.0	...	...	...	2.1	2.0	2.3	1.5	1.9	1.9	1.8	2.0	2.0
Complete Bathrooms													
None	1.0	-	-	.4	-	-	-	.2	.2	.4	.4	-	.4
1	150.5	1.2	2.0	1.7	9.1	28.2	5.6	24.7	59.2	31.2	55.8	19.0	25.7
1 and one-half	30.0	.6	-	-	1.7	6.8	1.1	4.0	12.0	4.9	7.0	2.0	8.3
2 or more	34.4	1.0	.4	.2	1.6	3.4	1.1	3.5	15.9	3.2	11.1	3.0	5.3
Square Footage of Unit													
Single detached and mobile homes	71.0	.6	2.3	.8	5.8	12.8	3.7	6.0	25.6	14.4	21.8	9.9	13.1
Less than 500 .....	.2	-	-	-	-	-	-	.2	-	-	-	-	.2
500 to 749	1.6	-	.3	.2	.5	-	-	.2	.5	.6	.2	-	1.0
750 to 999	8.5	-	2.0	-	.8	.8	-	.4	3.8	.8	2.5	1.4	1.5
1,000 to 1,499	9.1	.2	-	-	.4	1.0	.7	.2	3.6	1.6	2.4	-	1.9
1,500 to 1,999	4.5	-	-	-	.4	.2	.4	-	2.8	.4	1.4	.4	1.6
2,000 to 2,499	2.7	.2	-	.2	.4	.2	.2	.2	.9	.6	.8	-	.2
2,500 to 2,999	1.3	-	-	-	-	.2	-	-	.2	-	.2	-	.6
3,000 to 3,999 .....	.9	-	-	-	-	.2	.4	-	.8	.2	.2	.2	-
4,000 or more .....	.8	-	-	-	.2	-	-	-	.6	-	.6	-	-
Not reported (includes don't know)	41.3	.2	-	.4	3.1	10.3	2.0	4.8	12.4	10.4	13.7	7.8	6.1
Median	1 248	...	...	...	1 060	1 256	...	874	1 313	1 213	1 297	924	1 209
Lot Size													
Less than one-eighth acre	4.6	-	.6	-	.2	.9	.2	.6	2.2	.4	1.7	.4	.8
One-eighth up to one-quarter acre	5.6	.2	.7	-	.6	.6	.6	.6	2.1	.8	1.8	.2	1.2
One-quarter up to one-half acre	4.6	-	-	-	.2	.2	.2	.4	1.7	.6	1.0	.2	.9
One-half up to one acre	3.1	-	-	-	.6	-	-	.4	.6	.8	.6	.2	.6
1 to 4 acres	3.8	-	-	.2	.4	-	.2	.6	1.5	.6	.4	-	1.0
5 to 9 acres	1.0	-	-	-	.2	-	-	.2	.2	.2	-	.2	-
10 acres or more	2.5	-	-	-	.4	-	.2	.5	.6	.9	.2	-	.2
Don't know	71.4	1.1	1.0	1.0	3.8	15.0	3.2	6.3	26.8	15.7	22.0	11.8	15.5
Not reported	5.5	.7	-	-	.6	1.2	.2	-	2.5	.6	.6	1.1	2.0
Median .....	.38	...	...	...	.72	.13	.23	.49	.27	.73	.20	.29	.35
Persons Per Room													
0.50 or less	141.7	1.7	1.3	1.5	6.5	20.8	4.1	29.9	53.6	22.7	49.2	13.7	26.5
0.51 to 1.00	70.0	1.1	.7	.8	5.6	16.3	3.4	2.5	31.6	16.1	23.9	8.4	12.9
1.01 to 1.50	3.3	-	-	-	-	1.2	.2	-	1.7	.6	.8	1.7	-
1.51 or more .....	.9	-	.3	-	.2	.2	.2	-	.4	.4	.4	.3	.2
Square Feet Per Person													
Single detached and mobile homes	71.0	.6	2.3	.8	5.8	12.8	3.7	6.0	25.6	14.4	21.8	9.9	13.1
Less than 200	1.9	-	.3	-	.2	.2	-	-	.8	.4	.6	.5	.4
200 to 299	4.1	-	.7	.2	.2	.4	.2	-	2.0	.6	1.3	-	.9
300 to 399	3.2	-	.3	-	.9	.6	.4	-	1.9	.4	.6	.2	.8
400 to 499	4.8	.2	.3	-	.4	.8	-	.2	1.7	.6	1.6	.5	1.0
500 to 599	3.3	-	-	-	.2	-	.6	-	1.3	.6	.6	-	.8
600 to 699	1.7	-	-	-	-	-	.2	-	.6	.4	.2	-	.2
700 to 799	2.5	-	.3	-	.2	.2	-	.6	.8	.4	.6	.2	.8
800 to 899	2.4	-	.3	-	-	-	.4	-	1.1	.2	.7	.4	.4
900 to 999	1.2	-	-	-	-	.2	-	-	.6	-	.2	.2	.8
1,000 to 1,499	3.0	.2	-	.2	.2	.2	-	.2	1.1	.4	.6	-	.6
1,500 or more	1.8	-	-	-	.4	-	-	.2	1.3	.2	1.1	-	.4
Not reported	41.3	.2	-	.4	3.1	10.3	2.0	4.8	12.4	10.4	13.7	7.8	6.1
Median	530	...	...	...	421	417	...	767	519	514	502	450	557

¹See back cover for details.

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 occupied units	Housing unit characteristics				Household characteristics					Selected subareas ¹		
		New construction 4 yrs	Mobile homes	Physical problems		Black	Hispanic	Elderly (65+)	Moved in past year	Below poverty level	Area one	Area two	Area three
				Severe	Moderate								
Total	215.9	2.8	2.3	2.3	12.3	38.5	7.8	32.4	87.3	39.7	74.3	24.1	39.6
Equipment²													
Lacking complete kitchen facilities	3.0	.2	-	.2	2.3	.5	-	.8	1.5	1.1	.6	.4	1.1
With complete kitchen (sink, refrigerator, oven, and burners)	212.8	2.6	2.3	2.1	10.0	37.9	7.8	31.6	85.8	38.6	73.7	23.8	38.5
Kitchen sink	213.9	2.6	2.3	2.1	10.6	38.3	7.8	31.8	86.5	39.0	73.9	24.1	38.7
Refrigerator	215.3	2.8	2.3	2.1	12.0	38.1	7.8	32.4	86.7	39.6	74.1	23.9	39.5
Less than 5 years old	70.4	2.8	.6	.6	2.9	16.0	3.4	7.4	35.8	12.7	25.2	9.8	10.7
Age not reported	11.7	-	-	-	-	1.6	.2	1.2	6.5	2.7	4.2	1.0	1.7
Burners and oven	214.6	2.8	2.3	2.1	11.8	38.3	7.8	32.2	86.4	39.2	74.1	23.8	39.3
Less than 5 years old	51.0	2.6	1.0	.6	3.0	11.4	2.1	4.9	27.2	9.4	18.8	8.0	7.8
Age not reported	12.7	-	-	.2	.4	2.7	.5	1.4	7.1	2.0	4.3	1.1	2.3
Burners only .....	.6	-	-	-	-	-	-	-	.4	.2	-	.2	.2
Less than 5 years old .....	.2	-	-	-	-	-	-	-	-	-	-	.2	-
Age not reported	-	-	-	-	-	-	-	-	-	-	-	-	-
Oven only	-	-	-	-	-	-	-	-	-	-	-	-	-
Less than 5 years old	-	-	-	-	-	-	-	-	-	-	-	-	-
Age not reported	-	-	-	-	-	-	-	-	-	-	-	-	-
Neither burners nor oven .....	.7	-	-	.2	.6	.2	.2	.6	.4	.2	.2	.2	.2
Dishwasher	96.8	2.0	-	.8	3.5	12.5	3.1	11.7	41.9	7.8	29.0	6.9	19.8
Less than 5 years old	28.1	2.0	-	.4	2.8	4.1	.6	1.8	12.4	2.1	7.8	2.1	5.6
Age not reported	7.4	-	-	-	-	1.6	.2	.4	4.4	1.0	2.6	.2	1.7
Washing machine	109.1	2.2	1.3	.6	7.2	15.0	4.6	12.3	40.9	15.4	28.9	12.7	23.7
Less than 5 years old	44.3	1.9	1.0	-	2.4	7.2	1.3	4.3	19.3	5.7	11.9	5.5	10.4
Age not reported	3.1	-	-	-	-	.4	-	.6	1.3	.6	1.2	-	.4
Clothes dryer	107.8	2.0	1.3	.6	6.6	14.2	4.4	12.1	40.3	14.0	27.7	12.5	23.9
Less than 5 years old	41.3	1.7	1.0	-	2.2	6.6	1.5	3.9	18.5	4.8	11.3	4.8	9.9
Age not reported	3.1	-	-	-	-	.8	-	.6	1.4	.8	1.2	-	.6
Disposal in kitchen sink	144.2	2.4	-	1.1	5.9	22.5	4.3	24.1	59.3	20.1	44.5	13.5	31.5
Less than 5 years old	41.5	2.4	-	.4	2.5	7.8	1.3	6.6	19.7	6.5	12.9	5.6	7.7
Age not reported	15.8	-	-	-	.4	2.1	.4	1.3	9.9	1.8	6.0	.5	2.7
Air conditioning:													
Central	139.3	2.4	1.0	1.3	4.8	23.9	5.1	22.6	57.6	19.1	44.5	12.9	29.2
1 room unit	42.5	.4	.7	.4	3.1	7.8	.6	7.1	15.9	12.1	15.4	5.7	6.7
2 room units	13.9	-	.3	-	1.5	2.8	.4	1.4	3.6	1.6	5.0	2.1	2.2
3 room units or more	1.0	-	-	-	-	-	.2	-	.4	.2	.4	-	-
Main Heating Equipment													
Warm-air furnace	173.5	2.1	2.0	1.5	9.8	32.6	6.7	25.2	69.3	30.2	61.3	19.0	36.5
Steam or hot water system	9.1	-	-	.2	.6	.8	.6	1.5	3.9	3.3	6.5	.4	.6
Electric heat pump	7.3	.1	-	-	.4	1.9	.2	1.0	4.0	1.2	2.1	1.3	.4
Built-in electric units	14.5	.4	-	.2	.4	1.8	.4	2.6	7.0	2.3	2.0	2.3	1.4
Floor, wall, or other built-in hot air units without ducts	6.4	.2	-	-	.4	.8	-	1.4	.9	1.4	1.2	.8	.8
Room heaters with flue	1.3	-	-	-	.2	.2	-	.6	.4	.6	-	.2	-
Room heaters without flue .....	.2	-	-	.2	-	-	-	-	-	.2	.2	-	-
Portable electric heaters .....	.4	-	-	.2	.2	.2	-	.4	.2	.2	.2	.2	-
Stoves	1.8	-	.3	-	.2	-	-	.2	.6	.2	.2	-	-
Fireplaces with inserts	-	-	-	-	-	-	-	-	-	-	-	-	-
Fireplaces without inserts	1.0	-	-	.2	.2	-	-	-	.6	-	.2	-	-
Other	-	-	-	-	-	-	-	-	-	-	-	-	-
None .....	.4	-	-	-	.2	.2	-	-	.2	.2	.4	-	-
Other Heating Equipment													
With other heating equipment ²	35.1	.8	.9	.6	2.8	4.7	2.1	3.6	12.2	4.0	10.8	2.9	3.2
Warm-air furnace .....	.9	-	.3	.2	-	.2	-	-	.4	-	-	-	-
Steam or hot water system	-	-	-	-	-	-	-	-	-	-	-	-	-
Electric heat pump .....	.4	-	-	-	-	.2	-	.2	.2	-	-	-	.2
Built-in electric units	2.1	-	-	-	-	.4	.2	.4	.6	.2	.6	.2	-
Floor, wall, or other built-in hot-air units without ducts .....	.7	-	-	-	.4	.4	.2	-	.2	.4	.4	-	-
Room heaters with flue	1.0	-	-	.4	-	-	-	-	-	.2	.2	-	-
Room heaters without flue .....	.6	-	-	-	-	-	-	-	-	.4	-	-	.2
Portable electric heaters	11.6	.9	.2	1.7	2.0	.9	1.3	3.8	2.0	4.7	.4	1.5	1.5
Stoves	1.9	-	.2	.4	-	-	-	.6	-	.2	.4	-	-
Fireplaces with inserts	3.3	.4	-	.4	1.0	.2	.2	1.2	.6	.8	.6	.2	.2
Fireplaces with no inserts	13.9	.4	-	-	-	1.2	.4	1.7	5.5	.5	4.3	1.2	1.3
Other .....	.4	-	-	-	-	-	-	-	.2	-	.2	.2	-
Plumbing													
With all plumbing facilities	214.7	2.6	2.3	1.2	12.3	38.5	7.8	32.2	86.7	39.5	73.9	24.1	39.5
Lacking some plumbing facilities .....	.2	-	-	.2	-	-	-	-	-	.2	.2	-	-
No hot piped water	-	-	-	-	-	-	-	-	-	-	-	-	-
No bathtub nor shower .....	.2	-	-	.2	-	-	-	-	-	.2	.2	-	-
No flush toilet .....	.2	-	-	.2	-	-	-	-	-	.2	.2	-	-
No plumbing facilities for exclusive use .....	.9	.2	-	.9	-	-	-	.2	.6	-	.2	-	.2
Primary Source of Water													
Public system or private company	215.1	2.8	2.3	2.1	12.1	38.5	7.8	32.4	87.1	39.5	74.3	24.1	39.6
Well serving 1 to 5 units .....	.2	-	-	.2	-	-	-	-	.2	-	-	-	-
Drilled .....	.2	-	-	.2	-	-	-	-	.2	-	-	-	-
Dug	-	-	-	-	-	-	-	-	-	-	-	-	-
Not reported	-	-	-	-	-	-	-	-	-	-	-	-	-
Other .....	.6	-	-	-	.2	-	-	-	-	.2	-	-	-
Safety of Primary Source of Water													
Selected primary water sources ³	215.9	2.8	2.3	2.3	12.3	38.5	7.8	32.4	87.3	39.7	74.3	24.1	39.6
Safe to drink	208.9	2.6	2.3	1.9	10.9	37.7	7.5	31.2	83.6	38.0	70.6	23.7	38.7
Not safe to drink	6.0	-	-	.4	1.2	.8	.4	.8	3.1	1.6	3.1	.2	1.0
Safety not reported	1.0	.2	-	-	.2	-	-	.4	.6	.2	.6	.2	-

Table 4-4. **Selected Equipment and Plumbing - 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 occupied units	Housing unit characteristics				Household characteristics					Selected subareas ¹		
		New construction 4 yrs	Mobile homes	Physical problems		Black	Hispanic	Elderly (65+)	Moved in past year	Below poverty level	Area one	Area two	Area three
				Severe	Moderate								
Source of Drinking Water													
Primary source not safe to drink ³ -----	6.0	-	-	.4	1.2	.8	.4	.8	3.1	1.6	3.1	.2	1.0
Drinking and primary water source the same -----	-	-	-	-	-	-	-	-	-	-	-	-	-
Public or private system -----	-	-	-	-	-	-	-	-	-	-	-	-	-
Individual well -----	-	-	-	-	-	-	-	-	-	-	-	-	-
Spring -----	-	-	-	-	-	-	-	-	-	-	-	-	-
Cistern -----	-	-	-	-	-	-	-	-	-	-	-	-	-
Stream or lake -----	-	-	-	-	-	-	-	-	-	-	-	-	-
Other -----	-	-	-	-	-	-	-	-	-	-	-	-	-
Drinking and primary water source different -----	4.3	-	-	-	.8	.5	.4	.6	2.0	.6	2.3	.2	.6
Public or private system -----	-	-	-	-	-	-	-	-	-	-	-	-	-
Individual well -----	-	-	-	-	-	-	-	-	-	-	-	-	-
Spring -----	-	-	-	-	-	-	-	-	-	-	-	-	-
Cistern -----	-	-	-	-	-	-	-	-	-	-	-	-	-
Stream or lake -----	-	-	-	-	-	-	-	-	-	-	-	-	-
Commercial bottled water -----	2.9	-	-	-	.4	.5	.4	.2	1.4	.4	1.6	-	.4
Other -----	1.3	-	-	-	.4	-	-	.4	.6	.2	.7	.2	.2
Source of water not reported -----	1.7	-	-	.4	.4	.2	-	.2	1.1	1.0	.8	-	.4
Means of Sewage Disposal													
Public sewer -----	206.0	2.8	2.3	2.1	11.4	38.5	7.8	30.4	85.0	38.0	73.7	23.4	37.5
Septic tank, cesspool, chemical toilet -----	9.9	-	-	.2	.9	-	-	2.1	2.3	1.7	.5	.8	2.1
Other -----	-	-	-	-	-	-	-	-	-	-	-	-	-

¹See back cover for details.

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

³Excludes units where primary source of drinking water is commercial bottled water.

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 occupied units	Housing unit characteristics				Household characteristics					Selected subareas ¹		
		New construction 4 yrs	Mobile homes	Physical problems		Black	Hispanic	Elderly (65+)	Moved in past year	Below poverty level	Area one	Area two	Area three
				Severe	Moderate								
Total	215.9	2.8	2.3	2.3	12.3	38.5	7.8	32.4	87.3	39.7	74.3	24.1	39.6
Main House Heating Fuel													
Housing units with heating fuel	215.5	2.8	2.3	2.3	12.1	38.3	7.8	32.4	87.1	39.5	73.9	24.1	39.6
Electricity	50.9	1.4	—	.4	2.5	10.4	1.3	9.0	25.3	7.1	13.6	5.1	9.6
Piped gas	153.0	1.4	1.7	1.5	9.1	27.7	6.1	21.6	58.2	30.5	58.3	18.7	29.1
Bottled gas	5.5	—	.3	.2	.2	—	.2	1.1	1.4	1.0	—	—	.8
Fuel oil	1.5	—	—	—	—	.2	—	.2	.4	.4	.2	.2	—
Kerosene or other liquid fuel .....	.2	—	—	—	—	—	—	—	—	—	—	—	.2
Coal or coke	—	—	—	—	—	—	—	—	—	—	—	—	—
Wood	—	—	.3	.2	.4	—	—	.2	1.2	.2	.4	—	—
Solar energy	2.8	—	—	—	—	—	—	—	—	—	—	—	—
Other	1.6	—	—	—	—	—	.2	.4	.6	.4	1.4	.2	—
Other House Heating Fuels													
With other heating fuels ²	15.8	.2	.3	.2	1.1	2.1	1.3	1.1	5.5	1.1	4.0	1.6	1.3
Electricity	7.0	—	.3	—	.7	1.6	.6	.4	2.1	.9	2.7	.6	.6
Piped gas	1.9	.2	—	—	.2	.2	.2	—	1.1	—	.2	.2	—
Bottled gas .....	.7	—	.3	—	—	—	—	—	—	—	—	—	—
Fuel oil	—	—	—	—	—	—	—	—	—	—	—	—	—
Kerosene or other liquid fuel .....	.6	—	—	—	.2	—	—	—	—	.2	—	—	.2
Coal or coke	—	—	—	—	—	—	—	—	—	—	—	—	—
Wood	6.4	—	—	.2	.2	.4	.6	.5	2.3	—	1.1	.8	.7
Solar energy	—	—	—	—	—	—	—	—	—	—	—	—	—
Other .....	.2	—	—	—	—	—	—	.2	—	—	.2	—	—
Not reported .....	.2	—	—	—	—	—	—	—	—	—	—	—	—
Cooking Fuel													
With cooking fuel	215.1	2.8	2.3	2.1	11.8	38.3	7.8	32.2	86.7	39.4	74.1	23.9	39.5
Electricity	133.3	2.6	—	1.2	4.6	20.2	4.4	22.2	54.3	19.4	38.1	11.9	27.8
Piped gas	78.5	.2	1.7	.8	7.2	18.0	3.4	9.3	31.6	19.4	36.0	12.1	11.1
Bottled gas	3.3	—	.7	.2	—	—	—	.7	.9	.6	—	—	.6
Kerosene or other liquid fuel	—	—	—	—	—	—	—	—	—	—	—	—	—
Coal or coke	—	—	—	—	—	—	—	—	—	—	—	—	—
Wood	—	—	—	—	—	—	—	—	—	—	—	—	—
Solar energy	—	—	—	—	—	—	—	—	—	—	—	—	—
Other	—	—	—	—	—	—	—	—	—	—	—	—	—
Water Heating Fuel													
With hot piped water	215.7	2.8	2.3	2.1	12.3	38.5	7.8	32.4	87.1	39.7	74.3	24.1	39.5
Electricity	46.0	1.4	.7	—	2.5	6.9	.5	7.7	21.4	6.3	9.3	5.1	9.2
Piped gas	164.5	1.4	1.0	1.9	9.9	31.5	7.1	23.6	64.6	32.8	64.8	18.8	29.5
Bottled gas	4.1	—	.7	.2	—	—	.2	.7	1.1	.4	—	—	.6
Fuel oil .....	.2	—	—	—	—	—	—	—	—	.2	—	—	—
Kerosene or other liquid fuel .....	.2	—	—	—	—	—	—	—	—	—	—	—	.2
Coal or coke	—	—	—	—	—	—	—	—	—	—	—	—	—
Wood	—	—	—	—	—	—	—	—	—	—	—	—	—
Solar energy	—	—	—	—	—	—	—	—	—	—	—	—	—
Other .....	.8	—	—	—	—	—	—	.4	—	—	.2	.2	—
Central Air Conditioning Fuel													
With central air conditioning	139.3	2.4	1.0	1.3	4.8	23.9	5.1	22.6	57.6	19.1	44.5	12.9	29.2
Electricity	134.0	2.4	1.0	1.3	4.6	23.5	5.0	22.1	55.4	18.6	42.4	12.7	28.6
Piped gas	5.0	—	—	—	.2	.4	.2	.6	2.3	.6	2.1	.2	.5
Other .....	.4	—	—	—	—	—	—	—	—	—	—	—	—
Clothes Dryer Fuel													
With clothes dryer	107.8	2.0	1.3	.6	6.6	14.2	4.4	12.1	40.3	14.0	27.7	12.5	23.9
Electricity	86.6	1.8	1.0	.2	4.9	10.7	3.7	10.2	35.3	10.4	20.2	8.6	19.6
Piped gas	21.0	.2	.3	.4	1.8	3.5	.7	2.0	5.0	3.3	7.5	4.0	4.3
Other .....	.2	—	—	—	—	—	—	—	—	.2	—	—	—
Units Using Each Fuel²													
Electricity	215.9	2.8	2.3	2.3	12.3	38.5	7.8	32.4	87.3	39.7	74.3	24.1	39.6
All-electric units	29.4	1.0	—	—	1.3	4.8	.2	5.3	15.0	3.5	6.1	2.8	6.9
Piped gas	184.1	1.8	1.7	2.1	10.8	34.8	7.5	26.9	72.9	35.7	70.1	21.5	33.4
Bottled gas	6.9	—	.7	.2	.2	—	.2	1.3	1.4	1.1	—	—	1.0
Fuel oil	2.5	—	—	—	.2	.4	—	.2	.6	.7	.8	.2	.2
Kerosene or other liquid fuel .....	.8	—	—	—	.2	—	—	—	—	.2	—	—	.4
Coal or coke	—	—	—	—	—	—	—	—	—	—	—	—	—
Wood	9.2	—	.3	.4	.6	.4	.6	.7	3.4	.2	1.5	.8	.7
Solar energy	—	—	—	—	—	—	—	—	—	—	—	—	—
Other	2.2	—	—	—	—	—	.2	.8	.6	.4	1.6	.2	—

¹See back cover for details.

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

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 occupied units	Housing unit characteristics				Household characteristics					Selected subareas ¹		
		New construction 4 yrs	Mobile homes	Physical problems		Black	Hispanic	Elderly (65+)	Moved in past year	Below poverty level	Area one	Area two	Area three
				Severe	Moderate								
Total	215.9	2.8	2.3	2.3	12.3	38.5	7.8	32.4	87.3	39.7	74.3	24.1	39.6
Water Supply Stoppage													
With hot and cold piped water	215.7	2.8	2.3	2.1	12.3	38.5	7.8	32.4	87.1	39.7	74.3	24.1	39.5
No stoppage in last 3 months	206.2	2.8	2.3	1.9	11.8	36.1	7.4	31.1	84.2	37.7	70.0	22.8	38.7
With stoppage in last 3 months	7.5	-	-	-	.6	1.7	.4	1.1	1.9	1.5	3.1	1.1	.7
No stoppage lasting 6 hours or more	4.4	-	-	-	.2	1.2	.2	.6	1.9	.9	1.7	.8	.5
1 time lasting 6 hours or more	2.5	-	-	-	.2	.6	.2	.4	-	.6	1.3	.2	.2
2 times .....	.2	-	-	-	.2	-	-	-	-	-	-	-	-
3 times	-	-	-	-	-	-	-	-	-	-	-	-	-
4 times or more .....	.2	-	-	-	-	-	-	-	-	-	-	.2	-
Number of times not reported .....	.2	-	-	-	-	-	-	.2	-	-	-	-	-
Stoppage not reported	2.0	-	-	.2	-	.6	-	.2	1.0	.6	1.2	.2	-
Flush Toilet Breakdowns													
With one or more flush toilets	215.5	2.8	2.3	1.9	12.3	38.5	7.8	32.4	87.1	39.5	74.1	24.1	39.5
With at least one working toilet at all times in last 3 months	200.6	2.8	2.3	1.3	10.0	35.0	7.3	31.7	81.1	37.6	67.8	22.6	36.7
None working some time in last 3 months	13.6	-	-	.6	2.3	3.0	.4	.8	5.6	1.7	5.7	1.5	2.2
No breakdowns lasting 6 hours or more	4.4	-	-	.2	-	1.0	.2	.2	2.5	.4	2.1	.6	.6
1 time lasting 6 hours or more	5.9	-	-	.9	.9	1.5	.2	.4	1.9	.6	2.3	.8	.8
2 times	1.2	-	-	.4	.2	.2	-	.2	.6	.2	.6	-	.4
3 times .....	.4	-	-	.4	.2	.2	-	.2	.2	.2	.2	-	.2
4 times or more .....	.8	-	-	.2	.6	.2	-	-	.4	.2	-	.2	-
Number of times not reported	1.0	-	-	.2	-	-	-	-	.4	.2	.6	-	.2
Breakdowns not reported	1.3	-	-	-	-	.4	.2	-	.4	.2	.5	-	.6
Sewage Disposal Breakdowns													
With public sewer	206.0	2.8	2.3	2.1	11.4	38.5	7.8	30.4	85.0	38.0	73.7	23.4	37.5
No breakdowns in last 3 months	202.5	2.8	2.3	2.1	10.4	37.5	7.8	30.2	83.8	37.4	72.3	22.8	37.3
With breakdowns in last 3 months	3.5	-	-	-	1.0	1.0	-	.2	1.2	.6	1.4	.6	.2
No breakdowns lasting 6 hours or more	1.6	-	-	.2	.2	.2	-	-	.4	-	.6	.4	-
1 time lasting 6 hours or more	1.0	-	-	.2	.4	.4	-	.2	.2	.2	.4	.2	-
2 times .....	.6	-	-	.4	.2	.2	-	.4	.2	.2	.2	-	-
3 times .....	.4	-	-	.2	.2	.2	-	.2	.2	.2	.2	-	.2
4 times or more	-	-	-	-	-	-	-	-	-	-	-	-	-
With septic tank or cesspool	9.9	-	-	.2	.9	-	-	2.1	2.3	1.7	.5	.8	2.1
No breakdowns in last 3 months	9.3	-	-	.2	.7	-	-	1.9	2.1	1.7	.5	.6	1.9
With breakdowns in last 3 months .....	.6	-	-	.2	.2	-	-	.2	.2	-	-	.2	.2
No breakdowns lasting 6 hours or more .....	.2	-	-	-	-	-	-	-	-	-	-	.2	-
1 time lasting 6 hours or more .....	.2	-	-	-	-	-	-	-	-	-	-	-	-
2 times .....	.2	-	-	.2	-	-	-	.2	.2	-	-	-	.2
3 times	-	-	-	-	-	-	-	-	-	-	-	-	-
4 times or more	-	-	-	-	-	-	-	-	-	-	-	-	-
Heating Problems													
With heating equipment and occupied last winter	189.0	1.8	1.6	2.1	10.6	34.5	6.5	30.3	60.8	34.9	65.2	22.0	34.2
Not uncomfortably cold for 24 hours or more last winter	175.3	1.8	1.6	.9	8.3	31.4	5.8	29.7	56.7	30.9	61.3	20.1	32.2
Uncomfortably cold for 24 hours or more last winter ²	13.3	-	-	1.2	2.3	3.1	.6	.6	4.1	3.9	3.7	1.9	2.0
Equipment breakdowns	4.0	-	-	.8	.4	.8	-	-	1.0	1.0	1.6	.9	.4
No breakdowns lasting 6 hours or more .....	.4	-	-	-	-	-	-	-	-	-	.2	.2	-
1 time lasting 6 hours or more	2.5	-	-	.4	.4	.8	-	-	.8	.6	1.4	.6	-
2 times .....	.4	-	-	-	-	-	-	-	.2	-	-	-	-
3 times .....	.4	-	-	.4	-	-	-	-	-	-	-	-	.2
4 times or more .....	.4	-	-	.4	-	-	-	-	-	.4	-	.2	.2
Number of times not reported	-	-	-	-	-	-	-	-	-	-	-	-	-
Other causes	9.5	-	-	.4	1.9	2.3	.6	.6	3.1	2.9	2.5	1.0	1.4
Utility interruption	2.7	-	-	.2	.6	.6	.2	.2	.6	1.0	.4	.2	.6
Inadequate heating capacity	1.7	-	-	.4	.4	.6	.2	.2	.6	.4	1.0	.4	-
Inadequate insulation	1.7	-	-	.6	.4	.4	.2	.2	.4	.6	.4	.4	.2
Other	2.1	-	-	.4	.6	.6	-	.2	.9	.8	.8	-	.4
Not reported	1.2	-	-	.2	-	.2	-	-	.6	.2	-	-	.2
Reason for discomfort not reported .....	.2	-	-	-	-	-	-	-	.2	-	-	-	.2
Discomfort not reported .....	.4	-	-	-	-	-	.2	-	-	.2	.2	-	-
Electric Fuses and Circuit Breakers													
With electrical wiring	215.9	2.8	2.3	2.3	12.3	38.5	7.8	32.4	87.3	39.7	74.3	24.1	39.6
No fuses or breakers blown in last 3 mo.	189.3	2.6	2.3	1.9	9.2	33.5	6.3	29.4	75.8	34.8	63.0	20.9	37.1
With fuses or breakers blown in last 3 mo.	21.5	.2	-	.4	3.2	3.9	.9	2.5	8.9	3.6	8.5	3.0	2.5
1 time	11.1	.2	-	.2	1.4	2.7	.4	1.5	4.5	1.9	4.6	1.7	1.0
2 times	4.2	-	-	.2	1.0	.2	.4	.2	1.5	.7	1.3	.5	.6
3 times	2.6	-	-	.2	.6	.6	.2	.2	1.0	.2	1.0	.6	.4
4 times or more	2.3	-	-	.6	.4	.4	-	-	1.2	.6	1.0	.2	.2
Number of times not reported	1.3	-	-	-	-	-	-	.6	.7	.2	.6	-	.4
Problem not reported or don't know	5.0	-	-	-	-	1.0	.5	.6	2.5	1.3	2.7	.2	-

¹See back cover for details.

²Other causes and equipment breakdowns may not add to total as both may be reported.

Table 4-10. Previous Unit of Recent Movers - 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 occupied units	Housing unit characteristics				Household characteristics					Selected subareas ¹		
		New construction 4 yrs	Mobile homes	Physical problems		Black	Hispanic	Elderly (65+)	Moved in past year	Below poverty level	Area one	Area two	Area three
				Severe	Moderate								
UNITS WHERE HOUSEHOLDER MOVED DURING PAST YEAR													
Total	87.3	1.8	1.6	.6	4.4	15.3	4.4	4.3	87.3	15.5	29.6	10.4	15.5
Location of Previous Unit													
Inside same (P)MSA	64.6	1.4	1.6	.4	3.8	12.7	3.3	3.1	64.6	12.7	21.5	9.3	11.5
In central city(s)	21.5	.4	.7	.2	1.0	6.6	1.5	.6	21.5	5.2	15.5	1.0	2.5
Not in central city(s)	43.1	1.1	1.0	.2	2.8	6.1	1.7	2.5	43.1	7.4	6.0	8.3	9.0
Inside different (P)MSA in same state	4.4	-	-	-	.2	.4	.2	.2	4.4	.2	1.7	.2	1.0
In central city(s)	3.8	-	-	-	.2	.4	.2	-	3.8	.2	1.3	.2	1.0
Not in central city(s) .....	.6	-	-	-	-	-	-	.2	.6	-	.4	-	-
Inside different (P)MSA in different state	11.8	.2	-	-	.4	1.6	.8	.8	11.8	1.7	4.7	1.0	1.7
In central city(s)	10.6	.2	-	-	.4	1.4	.8	.8	10.6	1.5	4.3	1.0	1.5
Not in central city(s)	1.2	-	-	-	-	.2	-	-	1.2	.2	.4	-	.2
Outside any metropolitan area	4.3	.2	-	.2	-	.2	-	.2	4.3	.6	.7	-	1.1
Same state	1.7	-	-	-	-	-	-	.2	1.7	.4	.2	-	.8
Different state	2.6	.2	-	.2	-	.2	-	-	2.6	.2	.6	-	.4
Different nation	2.3	-	-	-	-	.5	.2	-	2.3	.4	1.0	-	.2
Structure Type of Previous Residence													
Moved from within United States	85.0	1.8	1.6	.6	4.4	14.8	4.2	4.3	85.0	15.1	28.7	10.4	15.3
House	41.7	1.2	1.3	.2	1.9	7.6	1.5	2.9	41.7	8.1	12.5	6.2	8.2
Apartment	39.8	.5	.3	.2	2.1	7.2	2.7	1.1	39.8	6.4	15.7	4.1	6.7
Mobile home	2.3	.2	-	.2	.4	-	-	.2	2.3	.5	.2	-	.4
Other	1.2	-	-	-	-	-	-	-	1.2	-	.2	.2	-
Tenure of Previous Residence													
House, apt., mobile home in United States	83.8	1.8	1.6	.6	4.4	14.8	4.2	4.3	83.8	15.1	28.4	10.2	15.3
Owner occupied	23.1	.8	.3	-	1.0	4.1	.6	2.4	23.1	3.2	8.0	3.2	4.8
Renter occupied	60.7	1.1	1.3	.6	3.3	10.7	3.6	1.9	60.7	11.9	20.5	7.0	10.6
Persons - Previous Residence													
House, apt., mobile home in United States	83.8	1.8	1.6	.6	4.4	14.8	4.2	4.3	83.8	15.1	28.4	10.2	15.3
1 person	15.3	.2	.3	-	.2	1.4	.8	2.6	15.3	2.5	5.6	.8	2.7
2 persons	22.7	.4	-	.4	1.2	3.6	1.3	.8	22.7	2.3	7.2	2.5	5.6
3 persons	15.7	.5	.3	-	1.0	2.3	.2	.4	15.7	2.3	5.0	1.5	2.6
4 persons	13.0	.4	.7	-	1.1	3.5	1.0	-	13.0	2.6	4.3	1.9	2.3
5 persons	8.2	.2	.3	-	.3	2.1	-	.4	8.2	1.9	2.5	1.7	1.2
6 persons	2.7	.2	-	.2	.2	.6	.2	-	2.7	.9	1.0	.4	.6
7 persons or more	2.3	-	-	-	.4	1.0	.4	-	2.3	1.9	.8	1.2	.2
Not reported	3.9	-	-	-	-	.4	.4	.2	3.9	.6	2.0	.4	.2
Median	2.6	...	...	...	...	3.5	...	...	2.6	3.5	2.6	3.6	2.4
Previous Home Owned or Rented by Someone Who Moved Here													
House, apt., mobile home in United States	83.8	1.8	1.6	.6	4.4	14.8	4.2	4.3	83.8	15.1	28.4	10.2	15.3
Owned or rented by a mover	62.2	1.4	.7	.4	3.1	10.4	3.6	3.5	62.2	10.7	19.7	7.5	10.8
Owned or rented by other	18.5	.4	.9	.2	1.2	4.0	.2	.6	18.5	4.2	7.1	2.6	4.4
By a relative	13.6	.2	.3	-	.6	3.3	.2	.6	13.6	3.4	5.2	2.2	3.0
By a nonrelative	3.9	.2	-	.2	.4	.8	-	-	3.9	.8	1.4	.4	1.4
Not reported	1.0	-	.6	-	.3	-	-	-	1.0	-	.5	-	-
Not reported	3.1	-	-	-	-	.4	.4	.2	3.1	.2	1.6	.2	.2
Change in Housing Costs													
House, apt., mobile home in United States	83.8	1.8	1.6	.6	4.4	14.8	4.2	4.3	83.8	15.1	28.4	10.2	15.3
Increased with move	42.7	1.1	1.6	.2	2.1	8.2	2.0	1.9	42.7	6.8	15.3	4.0	8.1
Stayed about the same	17.2	.2	-	.4	.4	3.1	.2	1.0	17.2	3.8	5.3	2.2	3.8
Decreased	20.4	.6	-	-	1.9	3.1	1.3	1.2	20.4	4.1	6.3	3.7	3.1
Don't know .....	.4	-	-	-	-	-	.2	-	.4	.2	-	.2	.2
Not reported	3.1	-	-	-	-	.4	.4	.2	3.1	.2	1.6	.2	.2

¹See back cover for details.

Table 4-13. **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 occupied units	Housing unit characteristics				Household characteristics					Selected subareas ¹		
		New construction 4 yrs	Mobile homes	Physical problems		Black	Hispanic	Elderly (65+)	Moved in past year	Below poverty level	Area one	Area two	Area three
				Severe	Moderate								
Monthly Costs Paid for Selected Utilities and Fuels													
Water paid separately -----	75.8	1.2	.7	.8	4.1	10.4	3.8	8.3	27.2	12.1	19.9	6.0	19.8
Median -----	24	...	...	...	...	25	...	23	22	25	23	17	26
Trash paid separately -----	41.1	.7	-	.2	2.3	2.5	2.3	5.0	15.9	5.6	.6	5.2	16.0
Median -----	12	...	...	...	...	...	...	10-	12	13	...	10-	10-
Bottled gas paid separately -----	6.8	-	.7	.2	.2	-	.2	1.1	1.4	1.1	-	-	1.0
Median -----	58	...	...	...	...	...	...	...	...	...	...	...	...
Other fuel paid separately -----	9.2	-	.3	-	.4	.2	.8	1.1	3.1	.6	2.8	1.2	.6
Median -----	10-	...	...	...	...	...	...	...	...	...	...	...	...

¹See back cover for details.
²Beginning with 1989 this item uses current income in its calculation. See appendix A.
³May reflect a temporary situation, living off savings, or response error.

Table 4-19. Detailed Tenure by 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	Owner occupied								Renter occupied				
	With mortgage				With no mortgage				All renters		Unsubsidized renters ¹		
	Total	Specified ²	Not specified		Total	Specified ²	Not specified		Specified ³	Other	Specified ³	Other	
			Condo or Coop	Other			Condo or Coop	Other					
Total	213.4	2.5	184.2	2.5
Income of Families and Primary Individuals													
Less than \$5,000	14.1	.2	8.8	.2
\$5,000 to \$9,999	29.0	.3	18.5	.3
\$10,000 to \$14,999	31.4	.2	26.5	.2
\$15,000 to \$19,999	22.7	.2	20.0	.2
\$20,000 to \$24,999	26.2	..	24.7	..
\$25,000 to \$29,999	23.0	.4	21.8	.4
\$30,000 to \$34,999	16.3	.2	15.5	.2
\$35,000 to \$39,999	11.7	..	10.7	..
\$40,000 to \$49,999	17.9	.2	16.7	.2
\$50,000 to \$59,999	9.6	.4	9.4	.4
\$60,000 to \$79,999	8.0	.2	8.0	.2
\$80,000 to \$99,999	2.1	..	2.1	..
\$100,000 to \$119,9998	..	.8	..
\$120,000 or more6	.2	.6	.2
Median	21 805	...	23 691	...
Monthly Housing Costs													
Less than \$100	2.7	..	.5	..
\$100 to \$199	11.3	.2	3.0	.2
\$200 to \$249	5.5	.2	3.4	.2
\$250 to \$299	11.4	..	9.1	..
\$300 to \$349	12.0	..	9.5	..
\$350 to \$399	20.1	..	17.2	..
\$400 to \$449	22.4	..	21.4	..
\$450 to \$499	26.4	.4	24.5	.4
\$500 to \$599	40.1	.2	38.0	.2
\$600 to \$699	22.0	.6	21.2	.6
\$700 to \$799	12.0	.2	12.0	.2
\$800 to \$999	11.1	..	10.7	..
\$1,000 to \$1,249	4.2	..	4.2	..
\$1,250 to \$1,4996	..	.6	..
\$1,500 or more9	..	.9	..
No cash rent	10.7	.7	7.9	.7
Median (excludes no cash rent)	480	...	499	...
Monthly Housing Costs as Percent of Current Income⁴													
Less than 5 percent	1.2	..	1.0	..
5 to 9 percent	6.5	.2	5.5	.2
10 to 14 percent	24.6	.4	21.6	.4
15 to 19 percent	32.6	..	30.1	..
20 to 24 percent	32.2	.4	28.0	.4
25 to 29 percent	24.5	.2	20.5	.2
30 to 34 percent	17.6	..	14.7	..
35 to 39 percent	14.5	..	12.2	..
40 to 49 percent	17.4	.2	15.3	.2
50 to 59 percent	7.6	.2	6.3	.2
60 to 69 percent	5.5	..	4.4	..
70 to 99 percent	5.4	..	5.0	..
100 percent or more ⁵	11.6	.2	10.2	.2
Zero or negative income	1.7	..	1.3	..
No cash rent	10.7	.7	7.9	.7
Median (excludes 2 previous lines)	26	...	25	...
Median (excludes 3 lines before medians)	25	...	24	...

¹Excludes units in public housing projects, and housing units with government rent subsidies.
²Limited to one-unit structures on less than 10 acres and no business on property.
³Excludes one-unit structures on 10 acres or more.
⁴Beginning with 1989 this item uses current income in its calculation. See appendix A.
⁵May reflect a temporary situation, living off savings, or response error.

Table 4-20. **Income of Families and Primary Individuals by Selected Characteristics - 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	Zero to negative	\$1 to \$4,999	\$5,000 to \$9,999	\$10,000 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$29,999	\$30,000 to \$39,999	\$40,000 to \$59,999	\$60,000 to \$79,999	\$80,000 to \$99,999	\$100,000 to \$119,999	\$120,000 or more	Median
Rent Reductions														
No subsidy or income reporting	184.8	1.5	7.5	18.6	26.7	20.2	45.9	25.8	26.8	8.2	2.1	.8	.8	23 886
Rent control	—	—	—	—	—	—	—	—	—	—	—	—	—	...
No rent control	184.2	1.5	7.5	18.6	26.5	20.0	45.9	25.6	26.8	8.2	2.1	.8	.8	23 909
Reduced by owner	10.1	.2	.6	1.2	1.8	1.2	1.8	1.1	1.9	.2	.2	—	—	20 888
Not reduced by owner	173.5	1.3	6.9	17.2	24.6	18.8	43.9	24.4	24.8	8.0	1.9	.8	.8	24 066
Owner reduction not reported .....	.6	—	—	.2	.2	—	.2	—	—	—	—	—	—	12 456
Rent control not reported .....	.6	—	—	—	.2	.2	—	.2	—	—	—	—	—	17 536
Owned by public housing authority	12.2	—	2.1	5.2	2.2	1.4	.8	.2	.4	—	—	—	—	8 867
Other, Federal subsidy	12.0	.2	2.2	4.4	1.9	.8	1.1	.6	.8	—	—	—	—	9 079
Other, State or local subsidy	1.5	.4	.2	.6	—	—	.2	.2	—	—	—	—	—	6 826
Other, income verification	3.5	—	.2	.4	.8	.6	.6	.8	.2	—	—	—	—	18 819
Subsidy or income verification not reported	1.8	—	—	.2	—	—	1.0	.6	—	—	—	—	—	26 989

¹For mobile home, oldest category is 1939 or earlier.
²Beginning with 1989 this item uses current income in its calculation. See appendix A.
³May reflect a temporary situation, living off savings, or response error.

Table 5-1. Introductory Characteristics - Occupied Units with Black Householder

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

Characteristics	Total occupied units	Tenure		Housing unit characteristics				Household characteristics			Selected subareas ¹		
		Owner	Renter	New construction 4 yrs	Mobile homes	Physical problems		Elderly (65+)	Moved in past year	Below poverty level	Area one	Area two	Area three
						Severe	Moderate						
Total	69.4	30.9	38.5	1.2	-	.2	5.2	11.1	18.0	16.4	43.1	16.3	3.8
Tenure													
Owner occupied	30.9	30.9	...	.8	-	.2	2.1	8.4	2.6	3.6	20.0	7.9	1.9
Percent of all occupied	44.6	100.0	...	66.4	...	100.0	40.4	75.9	14.7	22.1	46.3	48.4	49.9
Renter occupied	38.5	...	38.5	.4	-	-	3.1	2.7	15.3	12.8	23.1	8.4	1.9
Race and Origin													
White .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Non-Hispanic .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Hispanic .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Black	69.4	30.9	38.5	1.2	-	.2	5.2	11.1	18.0	16.4	43.1	16.3	3.8
Other .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Total Hispanic .....	.6	.6	-	-	-	-	-	.4	-	-	.4	-	-
Units in Structure													
1, detached	42.6	29.7	12.8	.8	...	.2	3.9	8.4	7.5	7.7	28.0	10.4	2.3
1, attached	5.8	.8	5.0	.4	...	-	.2	.4	2.3	2.3	2.6	1.9	-
2 to 4	5.5	.2	5.3	-	...	-	.6	.4	2.1	2.1	3.5	1.0	.2
5 to 9	6.6	.2	6.4	-	...	-	.2	.4	3.1	1.5	4.2	.9	.4
10 to 19	3.5	-	3.5	-	...	-	.2	-	1.3	.4	1.6	1.0	.6
20 to 49	3.1	-	3.1	-	...	-	.2	.2	1.2	1.1	1.6	.4	.4
50 or more	2.3	-	2.3	-	...	-	-	1.3	.4	1.4	1.6	.8	-
Mobile home or trailer	-	-	-	-	-	-	-	-	-	-	-	-	-
Cooperatives and Condominiums													
Cooperatives	1.0	.2	.8	-	-	-	-	-	.2	-	.6	.2	-
Condominiums .....	.8	.8	-	-	-	-	-	.2	-	-	.8	-	-
Year Structure Built²													
1995 to 1999 .....	.2	.2	-	.2	-	-	-	-	.2	-	.2	-	-
1990 to 1994	1.8	.8	1.0	1.0	-	-	-	.2	.2	.4	.8	.4	.4
1985 to 1989	2.5	.7	1.8	...	-	-	-	.6	.6	.2	1.5	.2	.4
1980 to 1984	1.3	.8	.6	...	-	-	-	-	.2	.2	.6	.4	.2
1975 to 1979	13.1	2.0	11.1	...	-	-	1.0	.9	5.6	4.2	5.8	3.5	1.0
1970 to 1974	8.5	3.4	5.1	...	-	.2	-	.2	3.1	1.3	4.3	2.0	1.1
1960 to 1969	9.0	4.0	5.0	...	-	-	.6	1.5	2.9	2.1	5.6	2.5	.4
1950 to 1959	8.2	4.4	3.7	...	-	-	1.2	1.4	1.2	1.5	5.5	1.9	.4
1940 to 1949	7.0	4.4	2.6	...	-	-	.7	1.5	1.6	2.3	5.0	1.9	-
1930 to 1939	7.1	3.4	3.7	...	-	-	.8	1.5	1.3	2.1	5.6	1.5	-
1920 to 1929	5.6	3.6	2.0	...	-	-	.4	2.1	.8	1.3	4.8	.8	-
1919 or earlier	4.9	3.1	1.8	...	-	-	.6	1.2	.4	.8	3.4	1.2	-
Median	1962	1952	1970	...	...	...	1951	1945	1971	1961	1955	1963	...

¹See back cover for details.

²For mobile home, oldest category is 1939 or earlier.

Table 5-4. **Selected Equipment and Plumbing - Occupied Units with Black Householder—Con.**

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

Characteristics	Total occupied units	Tenure		Housing unit characteristics				Household characteristics			Selected subareas ¹		
		Owner	Renter	New construction 4 yrs	Mobile homes	Physical problems		Elderly (65+)	Moved in past year	Below poverty level	Area one	Area two	Area three
						Severe	Moderate						
Source of Drinking Water													
Primary source not safe to drink ³ -----	1.3	.5	.8	-	-	-	.2	-	.2	.4	.6	.3	.2
Drinking and primary water source the same -----	-	-	-	-	-	-	-	-	-	-	-	-	-
Public or private system -----	-	-	-	-	-	-	-	-	-	-	-	-	-
Individual well -----	-	-	-	-	-	-	-	-	-	-	-	-	-
Spring -----	-	-	-	-	-	-	-	-	-	-	-	-	-
Cistern -----	-	-	-	-	-	-	-	-	-	-	-	-	-
Stream or lake -----	-	-	-	-	-	-	-	-	-	-	-	-	-
Other -----	-	-	-	-	-	-	-	-	-	-	-	-	-
Drinking and primary water source different -----	1.1	.5	.5	-	-	-	.2	-	-	.2	.3	.3	.2
Public or private system -----	-	-	-	-	-	-	-	-	-	-	-	-	-
Individual well -----	-	-	-	-	-	-	-	-	-	-	-	-	-
Spring -----	-	-	-	-	-	-	-	-	-	-	-	-	-
Cistern -----	-	-	-	-	-	-	-	-	-	-	-	-	-
Stream or lake -----	-	-	-	-	-	-	-	-	-	-	-	-	-
Commercial bottled water -----	.9	.3	.5	-	-	-	.2	-	-	.2	.3	.3	-
Other -----	.2	.2	-	-	-	-	-	-	-	-	-	-	.2
Source of water not reported -----	.2	-	.2	-	-	-	-	-	.2	.2	.2	-	-
Means of Sewage Disposal													
Public sewer -----	68.8	30.3	38.5	1.0	-	.2	5.2	11.1	18.0	16.2	43.1	15.7	3.8
Septic tank, cesspool, chemical toilet -----	.6	.6	-	.2	-	-	-	-	-	.2	-	.6	-
Other -----	-	-	-	-	-	-	-	-	-	-	-	-	-

¹See back cover for details.

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

³Excludes units where primary source of drinking water is commercial bottled water.

Table 5-10. Previous Unit of Recent Movers - Occupied Units with Black Householder

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

Characteristics	Total occupied units	Tenure		Housing unit characteristics				Household characteristics			Selected subareas ¹		
		Owner	Renter	New construction 4 yrs	Mobile homes	Physical problems		Elderly (65+)	Moved in past year	Below poverty level	Area one	Area two	Area three
						Severe	Moderate						
UNITS WHERE HOUSEHOLDER MOVED DURING PAST YEAR													
Total	18.0	2.6	15.3	.4	-	-	1.2	.7	18.0	4.6	9.2	5.1	1.2
Location of Previous Unit													
Inside same (P)MSA	15.1	2.4	12.7	.4	-	-	1.2	.7	15.1	4.4	7.6	4.9	1.2
In central city(s)	8.1	1.5	6.6	.4	-	-	.6	.2	8.1	2.0	6.5	.6	.8
Not in central city(s)	7.0	1.0	6.1	-	-	-	.6	.6	7.0	2.4	1.1	4.3	.4
Inside different (P)MSA in same state .....	.4	-	.4	-	-	-	-	-	.4	-	-	-	-
In central city(s) .....	.4	-	.4	-	-	-	-	-	.4	-	-	-	-
Not in central city(s)	-	-	-	-	-	-	-	-	-	-	-	-	-
Inside different (P)MSA in different state	1.8	.2	1.6	-	-	-	-	-	1.8	-	1.0	.2	-
In central city(s)	1.6	.2	1.4	-	-	-	-	-	1.6	-	1.0	.2	-
Not in central city(s) .....	.2	-	.2	-	-	-	-	-	.2	-	-	-	-
Outside any metropolitan area .....	.2	-	.2	-	-	-	-	-	.2	-	.2	-	-
Same state	-	-	-	-	-	-	-	-	-	-	-	-	-
Different state .....	.2	-	.2	-	-	-	-	-	.2	-	.2	-	-
Different nation .....	.5	-	.5	-	-	-	-	-	.5	.2	.4	-	-
Structure Type of Previous Residence													
Moved from within United States	17.4	2.6	14.8	.4	-	-	1.2	.7	17.4	4.4	8.8	5.1	1.2
House	9.5	1.9	7.6	.2	-	-	.6	.7	9.5	2.7	4.5	3.6	.6
Apartment	7.9	.8	7.2	.2	-	-	.6	.7	7.9	1.8	4.3	1.5	.6
Mobile home	-	-	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-	-	-
Tenure of Previous Residence													
House, apt., mobile home in United States	17.4	2.6	14.8	.4	-	-	1.2	.7	17.4	4.4	8.8	5.1	1.2
Owner occupied	5.5	1.3	4.1	.2	-	-	.2	.6	5.5	1.2	2.8	2.1	.2
Renter occupied	12.0	1.3	10.7	.2	-	-	1.0	.2	12.0	3.3	6.0	3.0	1.0
Persons - Previous Residence													
House, apt., mobile home in United States	17.4	2.6	14.8	.4	-	-	1.2	.7	17.4	4.4	8.8	5.1	1.2
1 person	1.5	.2	1.4	-	-	-	-	.2	1.5	.2	.6	.2	-
2 persons	4.1	.6	3.6	-	-	-	.4	-	4.1	-	2.6	.6	.4
3 persons	3.3	.9	2.3	-	-	-	.2	.2	3.3	.9	2.0	1.1	-
4 persons	3.6	.2	3.5	.2	-	-	.4	-	3.6	1.2	1.3	1.1	.8
5 persons	2.5	.4	2.1	-	-	-	-	.4	2.5	.8	1.0	1.2	-
6 persons	1.0	.4	.6	.2	-	-	-	-	1.0	.6	.6	.3	-
7 persons or more	1.0	-	1.0	-	-	-	.2	-	1.0	.8	.4	.6	-
Not reported .....	.4	-	.4	-	-	-	-	-	.4	-	.4	-	-
Median	3.4	...	3.5	...	...	...	...	...	3.4	...	3.0	4.1	...
Previous Home Owned or Rented by Someone Who Moved Here													
House, apt., mobile home in United States	17.4	2.6	14.8	.4	-	-	1.2	.7	17.4	4.4	8.8	5.1	1.2
Owned or rented by a mover	12.3	1.9	10.4	.2	-	-	.8	.4	12.3	2.7	6.5	3.3	.6
Owned or rented by other	4.8	.7	4.0	.2	-	-	.4	.4	4.8	1.7	1.9	1.9	.6
By a relative	4.0	.7	3.3	.2	-	-	.2	.4	4.0	1.7	1.6	1.6	.6
By a nonrelative .....	.8	-	.8	-	-	-	.2	-	.8	-	.4	.2	-
Not reported	-	-	-	-	-	-	-	-	-	-	-	-	-
Not reported .....	.4	-	.4	-	-	-	-	-	.4	-	.4	-	-
Change in Housing Costs													
House, apt., mobile home in United States	17.4	2.6	14.8	.4	-	-	1.2	.7	17.4	4.4	8.8	5.1	1.2
Increased with move	10.3	2.1	8.2	.4	-	-	.4	.6	10.3	2.9	5.8	2.6	.8
Stayed about the same	3.6	.5	3.1	-	-	-	-	.2	3.6	.6	1.4	1.1	.4
Decreased	3.1	-	3.1	-	-	-	.8	-	3.1	1.0	1.2	1.4	-
Don't know	-	-	-	-	-	-	-	-	-	-	-	-	-
Not reported .....	.4	-	.4	-	-	-	-	-	.4	-	.4	-	-

¹See back cover for details.

Table 5-15. **Mortgage Characteristics - Owner Occupied Units with Black Householder—Con.**

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

Characteristics	Total occupied units	Tenure		Housing unit characteristics				Household characteristics			Selected subareas ¹		
		Owner	Renter	New construction 4 yrs	Mobile homes	Physical problems		Elderly (65+)	Moved in past year	Below poverty level	Area one	Area two	Area three
						Severe	Moderate						
OWNERS WITH ONE OR MORE MORTGAGES—Con.													
Term of Primary Mortgage at Origination or Assumption													
Less than 8 years	—	—	...	—	—	—	—	—	—	—	—	—	—
8 to 12 years	.4	.4	...	—	—	—	—	—	—	—	.4	—	—
13 to 17 years	1.5	1.5	...	.2	—	—	—	—	.2	—	1.0	.4	.2
18 to 22 years	1.3	1.3	...	—	—	—	—	.2	—	—	1.3	—	—
23 to 27 years	.6	.6	...	—	—	—	—	.2	.2	—	.6	—	—
28 to 32 years	9.9	9.9	...	.4	—	.2	.4	.8	1.7	.8	6.2	2.4	.8
33 years or more	.2	.2	...	—	—	—	—	.2	—	—	.2	—	—
Variable	—	—	...	—	—	—	—	—	—	—	—	—	—
Not reported	3.6	3.6	...	—	—	—	.2	.4	—	—	1.9	.6	1.0
Median	30	30	...	...	...	...	...	...	...	...	29	...	...
Remaining Years Mortgaged													
Less than 8 years	4.6	4.6	...	—	—	—	—	1.0	.2	.6	3.7	.7	.2
8 to 12	2.5	2.5	...	.2	—	—	.2	.2	—	—	2.1	—	.4
13 to 17	2.6	2.6	...	—	—	—	.4	—	.2	—	1.4	1.1	—
18 to 22	1.5	1.5	...	—	—	—	—	—	—	.2	.7	.4	.2
23 to 27	2.0	2.0	...	—	—	—	—	—	.2	—	1.3	.2	.4
28 to 32	3.2	3.2	...	.4	—	.2	—	.2	1.5	—	1.3	.9	.8
33 years or more	—	—	...	—	—	—	—	—	—	—	—	—	—
Variable	—	—	...	—	—	—	—	—	—	—	—	—	—
Not reported	1.0	1.0	...	—	—	—	—	.4	—	—	1.0	—	—
Median	15	15	...	...	...	...	...	...	...	...	12	...	...
Current Interest Rate													
Less than 6 percent	.8	.8	...	.2	—	—	—	.2	.2	.2	.8	—	—
6 to 7.9	3.7	3.7	...	.2	—	.2	.2	.2	.5	.2	2.4	.9	.2
8 to 9.9	5.1	5.1	...	.2	—	—	—	.6	1.3	—	3.8	.9	.4
10 to 11.9	1.8	1.8	...	—	—	—	—	—	—	—	.7	.7	.2
12 to 13.9	—	—	...	—	—	—	—	—	—	—	—	—	—
14 to 15.9	.8	.8	...	—	—	—	—	.4	—	.4	.8	—	—
16 to 17.9	—	—	...	—	—	—	—	—	—	—	—	—	—
18 to 19.9	—	—	...	—	—	—	—	—	—	—	—	—	—
20 percent or more	—	—	...	—	—	—	—	—	—	—	—	—	—
Not reported	5.2	5.2	...	—	—	—	.4	.4	—	—	2.9	.7	1.2
Median	8.6	8.6	...	...	...	...	...	...	...	...	8.5	...	...
Total Outstanding Principal Amount													
Less than \$10,000	3.4	3.4	...	—	—	—	—	1.0	.2	.6	2.7	.5	—
\$10,000 to \$19,999	1.5	1.5	...	—	—	—	.2	.2	—	—	1.5	—	—
\$20,000 to \$29,999	1.5	1.5	...	—	—	—	—	—	.6	—	.9	.6	—
\$30,000 to \$39,999	1.5	1.5	...	—	—	—	—	—	.2	—	1.0	.5	—
\$40,000 to \$49,999	1.3	1.3	...	—	—	—	—	.2	.5	—	.6	.6	.2
\$50,000 to \$59,999	.7	.7	...	—	—	.2	—	.7	—	—	.2	.4	.2
\$60,000 to \$69,999	.5	.5	...	—	—	—	—	—	.2	—	.5	—	—
\$70,000 to \$79,999	.6	.6	...	.2	—	—	—	—	.2	—	.4	—	—
\$80,000 to \$99,999	.6	.6	...	.2	—	—	—	—	.2	.2	.6	—	—
\$100,000 to \$119,999	.2	.2	...	—	—	—	—	—	—	—	.2	—	—
\$120,000 to \$149,999	.4	.4	...	.2	—	—	—	—	—	—	—	—	.4
\$150,000 to \$199,999	—	—	...	—	—	—	—	—	—	—	—	—	—
\$200,000 to \$249,999	—	—	...	—	—	—	—	—	—	—	—	—	—
\$250,000 to \$299,999	—	—	...	—	—	—	—	—	—	—	—	—	—
\$300,000 or more	—	—	...	—	—	—	—	—	—	—	—	—	—
Not reported	5.2	5.2	...	—	—	—	.4	.4	—	—	2.9	.7	1.2
Median	27 879	27 879	...	...	...	...	...	...	...	...	20 411	...	...
Current Total Loan as Percent of Value													
Less than 20 percent	2.9	2.9	...	—	—	—	—	.8	.2	.6	2.2	.5	—
20 to 39	2.1	2.1	...	—	—	—	.2	.4	—	—	2.1	—	—
40 to 59	1.5	1.5	...	—	—	—	—	—	.6	—	.9	.5	—
60 to 79	3.2	3.2	...	.2	—	—	—	—	.2	.2	2.1	.8	.4
80 to 89	2.1	2.1	...	.2	—	.2	—	.2	.7	—	.9	.7	.2
90 to 99	.6	.6	...	.2	—	—	—	—	.4	—	.4	—	.2
100 percent or more	—	—	...	—	—	—	—	—	—	—	—	—	—
Not reported	5.2	5.2	...	—	—	—	.4	.4	—	—	2.9	.7	1.2
Median	56.1	56.1	...	...	...	...	...	...	...	...	41.0	...	...

¹See back cover for details.

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

Note: Table 16, "Repairs, Improvements, and Alterations" has been moved to the *Supplement to the American Housing Survey for Selected Metropolitan Areas in 1995*.

Table 5-17. Rooms in Unit by Household and Unit Size, Income, and Costs - Occupied Units with Black Householder—Con.

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

Characteristics	Occupied units											
	Total	Rooms					Bedrooms					
		1 and 2 rooms	3 and 4 rooms	5 and 6 rooms	7 rooms or more	Median	No rooms	1 room	2 rooms	3 rooms	4 rooms or more	Median
OWNER OCCUPIED UNITS												
Total	30.9	-	1.5	16.6	12.8	6.2	-	.2	8.7	16.0	6.0	2.9
Value												
Less than \$10,000 .....	.7	-	-	.6	.2	...	-	-	.4	.4	-	...
\$10,000 to \$19,999	2.6	-	.4	2.0	.2	...	-	-	1.6	.8	.2	...
\$20,000 to \$29,999	2.6	-	.2	2.0	.4	...	-	-	1.2	1.0	.4	...
\$30,000 to \$39,999	6.3	-	.8	3.6	1.9	5.8	-	.2	2.7	2.5	.9	2.6
\$40,000 to \$49,999	4.2	-	-	3.2	1.0	...	-	-	1.5	2.5	.2	...
\$50,000 to \$59,999	3.0	-	-	2.1	.9	...	-	-	.8	1.7	.6	...
\$60,000 to \$69,999	5.1	-	-	1.8	3.3	6.5+	-	-	-	3.4	1.7	3.2
\$70,000 to \$79,999	1.5	-	-	.6	.9	...	-	-	-	1.3	.2	...
\$80,000 to \$99,999	3.0	-	.2	.6	2.2	...	-	-	.4	1.9	.7	...
\$100,000 to \$119,999 .....	.4	-	-	.2	.2	...	-	-	.2	-	.2	...
\$120,000 to \$149,999	1.2	-	-	-	1.2	...	-	-	-	.4	.8	...
\$150,000 to \$199,999 .....	.2	-	-	-	.2	...	-	-	-	.2	-	...
\$200,000 to \$249,999 .....	.2	-	-	-	.2	...	-	-	-	-	.2	...
\$250,000 to \$299,999	-	-	-	-	-	...	-	-	-	-	-	...
\$300,000 or more	-	-	-	-	-	...	-	-	-	-	-	...
Median	47 701	...	...	40 320	65 497	...	...	...	34 347	55 219	64 433	...

Table 5-18. Square Footage by Household and Unit Size, Income, and Costs - Occupied Units with Black Householder

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

Characteristics	Size of occupied detached 1-family homes and 1-family mobile homes								Not reported	Median
	Total	Less than 500 square feet	500 to 999 square feet	1000 to 1499 square feet	1500 to 1999 square feet	2000 to 2499 square feet	2500 square feet or more			
Total	42.6	-	1.1	3.4	1.8	1.3	2.3	32.6	1 620	
Persons										
1 person	9.6	-	.4	.6	.4	.4	-	8.0	1 416	
2 persons	13.0	-	.2	1.5	.6	.4	1.1	9.1	1 668	
3 persons	7.4	-	.4	.9	.6	.4	.2	4.9	1 463	
4 persons	7.4	-	-	.2	.2	-	.6	6.4	2500+	
5 persons	2.4	-	.2	.2	-	-	-	2.0	...	
6 persons	1.2	-	-	-	-	.2	-	1.0	...	
7 persons or more	1.6	-	-	-	-	-	.4	1.2	...	
Median	2.4	...	...	...	...	...	...	2.4	...
Rooms										
1 room	-	-	-	-	-	-	-	-	...	
2 rooms .....	.2	-	-	-	-	-	-	.2	...
3 rooms	-	-	-	-	-	-	-	-	...	
4 rooms	3.6	-	.4	-	-	-	-	3.2	...	
5 rooms	11.4	-	.6	.4	.2	.4	.4	9.6	1 493	
6 rooms	11.8	-	.2	1.8	1.0	-	.4	8.4	1 422	
7 rooms	8.9	-	-	.9	.4	.4	.8	6.4	1 914	
8 rooms	4.4	-	-	.2	.2	.4	.6	3.0	...	
9 rooms	1.4	-	-	.2	-	.2	-	1.0	...	
10 rooms or more	1.0	-	-	-	-	-	.2	.8	...	
Median	6.0	...	...	...	...	...	...	5.9	...
Bedrooms										
None	-	-	-	-	-	-	-	-	...	
1 .....	.4	-	-	-	-	-	-	.4	...
2	13.3	-	.8	.6	.4	.2	.4	11.1	1 327	
3	21.0	-	.4	2.5	1.4	.4	1.0	15.5	1 491	
4 or more	7.8	-	-	.4	-	.7	1.0	5.7	2 457	
Median	2.9	...	...	...	...	...	...	2.8	...
Complete Bathrooms										
None	-	-	-	-	-	-	-	-	...	
1	23.2	-	.8	1.9	.6	.6	.4	18.9	1 355	
1 and one-half	9.3	-	.4	.6	.4	-	-	7.9	1 256	
2 or more	10.2	-	-	1.0	.8	.7	1.9	5.7	2 313	
Lot Size										
Less than one-eighth acre	3.3	-	.2	.8	.4	.2	-	1.7	...	
One-eighth up to one-quarter acre	3.3	-	.4	.2	.2	.6	.6	1.4	...	
One-quarter up to one-half acre	1.2	-	-	.2	.2	.2	.2	.6	...	
One-half up to one acre	1.1	-	-	.4	.2	.2	.4	...	...
1 to 4 acres	1.1	-	.2	.4	-	.2	.4	...	...
5 to 9 acres .....	-	-	-	-	-	-	-	...	...
10 acres or more .....	.2	-	-	-	-	-	-	.2	...
Don't know	31.6	-	.4	1.7	.8	.2	.9	27.6	1 471	
Not reported .....	.7	-	-	-	-	-	-	.7	...
Median .....	.20	...	...	...	...	...	...	.17	...
Income of Families and Primary Individuals										
Less than \$5,000	2.6	-	-	-	-	-	-	2.6	...	
\$5,000 to \$9,999	4.9	-	-	.4	-	.4	-	4.1	1 477	
\$10,000 to \$14,999	4.6	-	-	.2	.4	.2	-	3.8	...	
\$15,000 to \$19,999	3.4	-	.4	.2	-	-	-	2.9	...	
\$20,000 to \$24,999	6.0	-	.4	.7	-	-	.2	4.7	1 196	
\$25,000 to \$29,999	4.6	-	-	.4	.2	-	.2	3.9	...	
\$30,000 to \$34,999	3.2	-	-	.4	.4	-	.2	2.3	...	
\$35,000 to \$39,999	2.9	-	.2	.2	-	.2	-	2.3	...	
\$40,000 to \$49,999	2.3	-	.2	.4	-	.2	.2	1.5	...	
\$50,000 to \$59,999	3.2	-	.2	-	.6	.2	.2	2.1	...	
\$60,000 to \$79,999	3.0	-	-	.4	.2	-	1.0	1.5	...	
\$80,000 to \$99,999	1.3	-	-	.2	-	-	.2	1.0	...	
\$100,000 to \$119,999 .....	.2	-	-	-	-	-	.2	-	...
\$120,000 or more .....	.2	-	-	-	-	.2	-	-	...
Median	24 786	...	...	...	...	...	...	23 054	...
Monthly Housing Costs										
Less than \$100 .....	.4	-	-	-	-	-	-	.4	...
\$100 to \$199	6.3	-	-	.2	.4	.2	.2	5.2	1 887	
\$200 to \$249	4.9	-	.2	.4	.2	.2	-	4.0	1 392	
\$250 to \$299	3.2	-	-	.2	-	.2	-	2.9	...	
\$300 to \$349	3.1	-	-	.4	-	-	-	2.7	...	
\$350 to \$399	3.3	-	.4	.6	-	-	-	2.3	...	
\$400 to \$449	3.5	-	.2	.2	-	.4	-	2.7	...	
\$450 to \$499	3.5	-	-	.6	.2	-	-	2.7	...	
\$500 to \$599	4.7	-	.4	.2	-	-	.2	4.0	968	
\$600 to \$699	2.1	-	-	-	.2	-	-	1.9	...	
\$700 to \$799	2.4	-	-	.4	-	-	.2	1.8	...	
\$800 to \$999	2.1	-	-	.4	.4	.2	.6	.6	...	
\$1,000 to \$1,249	1.3	-	-	-	.4	-	.4	.6	...	
\$1,250 to \$1,499 .....	.4	-	-	-	-	-	.4	-	...
\$1,500 or more .....	.4	-	-	-	-	.2	.2	-	...
No cash rent	1.0	-	-	-	-	-	.2	.8	...	
Median (excludes no cash rent)	395	...	...	...	...	...	...	366	...
Median Monthly Housing Costs For Owners										
Monthly costs including all mortgages plus maintenance costs	357	...	...	...	...	...	...	319	...
Monthly costs excluding 2nd and subsequent mortgages and maintenance costs	326	...	...	...	...	...	...	296	...

Table 5-18. **Square Footage by Household and Unit Size, Income, and Costs - Occupied Units with Black Householder—Con.**

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

Characteristics	Size of occupied detached 1-family homes and 1-family mobile homes								
	Total	Less than 500 square feet	500 to 999 square feet	1000 to 1499 square feet	1500 to 1999 square feet	2000 to 2499 square feet	2500 square feet or more	Not reported	Median
OWNER OCCUPIED UNITS									
Total	29.7	-	.4	2.5	1.6	1.1	1.9	22.3	1 789
Value									
Less than \$10,000 .....	.7	-	-	-	-	-	-	.7	...
\$10,000 to \$19,999	2.6	-	-	.2	-	-	.2	2.2	...
\$20,000 to \$29,999	2.4	-	-	.2	.2	-	-	2.0	...
\$30,000 to \$39,999	5.9	-	.4	-	.2	.4	.2	4.8	2 011
\$40,000 to \$49,999	4.2	-	-	.7	.2	.2	-	3.1	...
\$50,000 to \$59,999	3.0	-	-	-	-	-	-	3.0	...
\$60,000 to \$69,999	4.9	-	-	.5	.6	.2	-	3.5	1 602
\$70,000 to \$79,999	1.5	-	-	.2	.2	-	.2	.9	...
\$80,000 to \$99,999	2.6	-	-	.6	.2	.2	.2	1.5	...
\$100,000 to \$119,999 .....	.4	-	-	-	-	-	.4	-	...
\$120,000 to \$149,999	1.2	-	-	-	-	.2	.4	.6	...
\$150,000 to \$199,999 .....	.2	-	-	-	-	-	.2	-	...
\$200,000 to \$249,999 .....	.2	-	-	-	-	-	.2	-	...
\$250,000 to \$299,999	-	-	-	-	-	-	-	-	...
\$300,000 or more	-	-	-	-	-	-	-	-	...
Median	47 707	...	...	...	...	...	...	44 667	...

Table 5-19. **Detailed Tenure by Financial Characteristics - Occupied Units with Black Householder—Con.**

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

Characteristics	Owner occupied								Renter occupied			
	With mortgage				With no mortgage				All renters		Unsubsidized renters ¹	
	Total	Specified ²	Not specified		Total	Specified ²	Not specified		Specified ³	Other	Specified ³	Other
			Condo or Coop	Other			Condo or Coop	Other				
OWNERS WITH ONE OR MORE MORTGAGES—Con.												
Lenders of Primary and Secondary Mortgages												
Only borrowed from firm(s)	14.4	13.9	.6	—	...	...	...	...	...	...	...	...
Only borrowed from seller .....	.4	.4	—	—	...	...	...	...	...	...	...	...
Only borrowed from other individual(s) .....	.2	.2	—	—	...	...	...	...	...	...	...	...
Borrowed from a firm and seller .....	—	—	—	—	...	...	...	...	...	...	...	...
Borrowed from a firm and other individual .....	—	—	—	—	...	...	...	...	...	...	...	...
Borrowed from seller and other individual .....	—	—	—	—	...	...	...	...	...	...	...	...
One or both sources not reported	2.5	2.3	—	.2	...	...	...	...	...	...	...	...

¹Excludes units in public housing projects, and housing units with government rent subsidies.
²Limited to one-unit structures on less than 10 acres and no business on property.
³Excludes one-unit structures on 10 acres or more.
⁴Beginning with 1989 this item uses current income in its calculation. See appendix A.
⁵May reflect a temporary situation, living off savings, or response error.

Table 5-20. **Income of Families and Primary Individuals by Selected Characteristics - Occupied Units with Black Householder—Con.**

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

Characteristics	Total	Zero to negative	\$1 to \$4,999	\$5,000 to \$9,999	\$10,000 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$29,999	\$30,000 to \$39,999	\$40,000 to \$59,999	\$60,000 to \$79,999	\$80,000 to \$99,999	\$100,000 to \$119,999	\$120,000 or more	Median
OWNER OCCUPIED UNITS—Con.														
Purchase Price														
Home purchased or built	28.5	.2	1.1	2.7	2.3	1.9	7.3	4.4	4.2	2.4	1.3	.2	.4	28 158
Less than \$10,000	5.3	—	.6	1.2	.8	1.2	1.2	—	.2	.2	—	—	—	15 344
\$10,000 to \$19,999	4.9	.2	—	.6	1.2	.2	1.2	.6	.6	—	.2	—	.2	22 293
\$20,000 to \$29,999	3.4	—	.2	—	—	.4	1.2	.6	.7	—	.2	—	—	...
\$30,000 to \$39,999	1.7	—	—	—	—	—	.6	.6	.2	.2	.2	—	—	...
\$40,000 to \$49,999	1.8	—	—	—	—	—	.6	.5	.5	.2	—	—	—	...
\$50,000 to \$59,999	2.4	—	—	—	—	—	.8	.4	.8	.4	.2	—	—	...
\$60,000 to \$69,999	1.0	—	—	—	—	—	.2	—	.4	.4	—	—	—	...
\$70,000 to \$79,999	1.1	—	—	—	—	—	—	.6	.4	.2	—	—	—	...
\$80,000 to \$99,999	1.1	—	—	—	.2	—	—	.2	—	.2	.4	—	.2	...
\$100,000 to \$119,999 .....	.2	—	—	—	—	—	—	—	—	—	—	.2	—	...
\$120,000 to \$149,999 .....	.2	—	—	.2	—	—	—	—	—	—	—	—	—	...
\$150,000 to \$199,999 .....	.4	—	—	—	—	—	—	—	—	.4	—	—	—	...
\$200,000 to \$249,999	—	—	—	—	—	—	—	—	—	—	—	—	—	...
\$250,000 to \$299,999	—	—	—	—	—	—	—	—	—	—	—	—	—	...
\$300,000 or more	—	—	—	—	—	—	—	—	—	—	—	—	—	...
Not reported	4.9	—	.4	.5	.2	.2	1.8	1.0	.4	.4	.2	—	—	26 890
Median	24 807	...	...	...	...	...	23 839	39 088	...	...	...	...	...	...
Received as inheritance or gift	2.1	—	.4	—	.6	.2	.2	.4	.4	—	—	—	—	...
Not reported .....	.4	—	—	—	—	—	.4	—	—	—	—	—	—	...
RENTER OCCUPIED UNITS														
Total	38.5	.4	4.1	7.9	4.0	4.3	8.4	4.8	3.2	1.4	—	—	—	18 363
Rent Reductions														
No subsidy or income reporting	27.8	.4	2.1	3.3	2.7	3.7	7.6	4.3	2.4	1.4	—	—	—	22 252
Rent control	—	—	—	—	—	—	—	—	—	—	—	—	—	...
No rent control	27.6	.4	2.1	3.3	2.7	3.5	7.6	4.3	2.4	1.4	—	—	—	22 389
Reduced by owner	1.2	.2	—	.4	—	.2	—	—	.2	.2	—	—	—	...
Not reduced by owner	26.4	.2	2.1	2.9	2.7	3.3	7.6	4.3	2.2	1.2	—	—	—	22 638
Owner reduction not reported	—	—	—	—	—	—	—	—	—	—	—	—	—	...
Rent control not reported .....	.2	—	—	—	—	.2	—	—	—	—	—	—	—	...
Owned by public housing authority	4.2	—	.6	2.5	.4	.2	.2	.2	.2	—	—	—	—	...
Other, Federal subsidy	4.5	—	1.0	1.7	.9	.2	.2	—	.4	—	—	—	—	...
Other, State or local subsidy	1.0	—	.2	.4	—	—	.2	—	—	—	—	—	—	...
Other, income verification .....	.8	—	.2	—	—	.2	—	.2	.2	—	—	—	—	...
Subsidy or income verification not reported .....	.2	—	—	—	—	—	.2	—	—	—	—	—	—	...

¹For mobile home, oldest category is 1939 or earlier.
²Beginning with 1989 this item uses current income in its calculation. See appendix A.
³May reflect a temporary situation, living off savings, or response error.

Table 5-21. **Housing Costs by Selected Characteristics - Occupied Units with Black Householder—Con.**

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

Characteristics	Total	Less than \$100	\$100 to \$199	\$200 to \$299	\$300 to \$399	\$400 to \$499	\$500 to \$599	\$600 to \$699	\$700 to \$799	\$800 to \$999	\$1,000 to \$1,499	\$1,500 or more	No cash rent	Mortgage payment not reported	Median excluding no cash rent
RENTER OCCUPIED UNITS															
Total	38.5	.8	4.6	3.7	7.5	10.7	5.1	2.2	1.2	.6	-	-	2.1	...	415
Rent Reductions															
No subsidy or income reporting	27.8	-	.6	2.5	5.9	9.6	4.7	2.0	1.2	.6	-	-	.8	...	447
Rent control	-	-	-	-	-	-	-	-	-	-	-	-	-	-	...
No rent control	27.6	-	.6	2.5	5.9	9.3	4.7	2.0	1.2	.6	-	-	.8	...	447
Reduced by owner	1.2	-	-	.4	.4	-	-	-	-	-	-	-	.4	...	...
Not reduced by owner	26.4	-	.6	2.1	5.5	9.3	4.7	2.0	1.2	.6	-	-	.4	...	451
Owner reduction not reported .....	-	-	-	-	-	-	-	-	-	-	-	-	-	...	...
Rent control not reported .....	.2	-	-	-	-	.2	-	-	-	-	-	-	-	...	...
Owned by public housing authority	4.2	.6	2.4	-	.8	-	.2	-	-	-	-	-	.2	...	...
Other, Federal subsidy	4.5	-	1.3	1.0	.4	.4	-	.2	-	-	-	-	1.2	...	...
Other, State or local subsidy	1.0	.2	.2	.2	.2	.2	-	-	-	-	-	-	-	...	...
Other, income verification .....	.8	-	-	-	-	.6	.2	-	-	-	-	-	-	...	...
Subsidy or income verification not reported .....	.2	-	-	-	.2	-	-	-	-	-	-	-	-	...	...

¹For mobile home, oldest category is 1939 or earlier.
²Beginning with 1989 this item uses current income in its calculation. See appendix A.

Table 6-1. **Introductory Characteristics - Occupied Units with Hispanic Householder**

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

Characteristics	Total occupied units	Tenure		Housing unit characteristics				Household characteristics			Selected subareas ¹		
		Owner	Renter	New construction 4 yrs	Mobile homes	Physical problems		Elderly (65+)	Moved in past year	Below poverty level	Area one	Area two	Area three
						Severe	Moderate						
Total	17.4	9.6	7.8	.2	.3	.4	.7	2.6	5.5	1.7	6.2	2.5	2.2
Tenure													
Owner occupied	9.6	9.6	...	.2	.3	.4	.5	2.4	1.2	.6	3.1	1.5	1.3
Percent of all occupied	55.0	100.0	...	100.0	100.0	100.0	73.8	92.4	21.1	32.3	50.2	61.4	57.6
Renter occupied	7.8	...	7.8	-	-	-	.2	.2	4.4	1.2	3.1	1.0	.9
Race and Origin													
White	13.8	7.7	6.1	.2	.3	-	.7	1.7	4.4	1.2	4.9	1.5	2.1
Non-Hispanic .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Hispanic	13.8	7.7	6.1	.2	.3	-	.7	1.7	4.4	1.2	4.9	1.5	2.1
Black .....	.6	.6	-	-	-	-	-	.4	-	-	.4	-	-
Other	3.0	1.3	1.7	-	-	.4	-	.5	1.1	.6	1.0	.9	.2
Total Hispanic	17.4	9.6	7.8	.2	.3	.4	.7	2.6	5.5	1.7	6.2	2.5	2.2
Units in Structure													
1, detached	12.3	8.7	3.7	.2	...	.4	.7	2.4	2.7	1.2	3.7	1.9	1.9
1, attached	1.5	.4	1.1	-	...	-	-	-	.6	.2	-	.6	.2
2 to 4	1.6	.2	1.4	-	...	-	-	-	1.2	.2	1.1	-	-
5 to 9 .....	.3	-	.3	-	...	-	-	-	.2	-	.3	-	-
10 to 19 .....	.4	-	.4	-	...	-	-	-	.4	-	-	-	.2
20 to 49 .....	.4	-	.4	-	...	-	-	-	.4	-	.4	-	-
50 or more .....	.6	-	.6	-	...	-	-	.2	.2	.2	.6	-	-
Mobile home or trailer .....	.3	.3	-	-	.3	-	-	-	-	-	-	-	-
Cooperatives and Condominiums													
Cooperatives .....	.2	.2	-	-	-	-	-	-	-	-	-	.2	-
Condominiums .....	.2	.2	-	-	-	-	-	-	-	-	-	-	-
Year Structure Built²													
1995 to 1999 .....	.2	.2	-	.2	-	-	-	-	.2	-	-	-	-
1990 to 1994 .....	.6	.4	.2	.1	-	-	.2	-	.2	.2	-	-	.3
1985 to 1989	1.1	.8	.4	...	-	-	-	.2	.4	-	.4	-	.4
1980 to 1984 .....	.7	.4	.4	...	-	-	-	.2	-	-	-	.2	-
1975 to 1979	3.1	1.5	1.7	...	.3	-	-	.4	1.3	.4	.8	.6	.5
1970 to 1974	1.7	1.3	.4	...	-	-	.2	-	.6	-	.2	.4	.2
1960 to 1969	1.9	.6	1.4	...	-	.2	-	.4	.9	.2	.4	.2	.6
1950 to 1959	2.0	1.1	1.0	...	-	-	-	.4	.4	-	1.0	-	.2
1940 to 1949	1.2	.8	.4	...	-	-	-	.2	.4	.2	.8	.2	-
1930 to 1939	1.7	.9	.8	...	-	-	-	.5	.4	-	1.0	-	-
1920 to 1929	1.0	.6	.4	...	-	-	-	.4	.4	.2	1.0	-	-
1919 or earlier	2.1	1.2	1.0	...	-	.2	.4	-	.4	.6	.8	1.0	-
Median	1964	1965	1963	...	...	...	...	...	1969	...	1945	...	...

¹See back cover for details.

²For mobile home, oldest category is 1939 or earlier.

Table 6-4. **Selected Equipment and Plumbing - Occupied Units with Hispanic Householder—Con.**

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

Characteristics	Total occupied units	Tenure		Housing unit characteristics				Household characteristics			Selected subareas ¹		
		Owner	Renter	New construction 4 yrs	Mobile homes	Physical problems		Elderly (65+)	Moved in past year	Below poverty level	Area one	Area two	Area three
						Severe	Moderate						
Source of Drinking Water													
Primary source not safe to drink ³ -----	.8	.4	.4	-	-	-	-	.2	.2	-	.4	-	-
Drinking and primary water source the same -----	-	-	-	-	-	-	-	-	-	-	-	-	-
Public or private system -----	-	-	-	-	-	-	-	-	-	-	-	-	-
Individual well -----	-	-	-	-	-	-	-	-	-	-	-	-	-
Spring -----	-	-	-	-	-	-	-	-	-	-	-	-	-
Cistern -----	-	-	-	-	-	-	-	-	-	-	-	-	-
Stream or lake -----	-	-	-	-	-	-	-	-	-	-	-	-	-
Other -----	-	-	-	-	-	-	-	-	-	-	-	-	-
Drinking and primary water source different -----	.6	.2	.4	-	-	-	-	-	.2	-	.4	-	-
Public or private system -----	-	-	-	-	-	-	-	-	-	-	-	-	-
Individual well -----	-	-	-	-	-	-	-	-	-	-	-	-	-
Spring -----	-	-	-	-	-	-	-	-	-	-	-	-	-
Cistern -----	-	-	-	-	-	-	-	-	-	-	-	-	-
Stream or lake -----	-	-	-	-	-	-	-	-	-	-	-	-	-
Commercial bottled water -----	.6	.2	.4	-	-	-	-	-	.2	-	.4	-	-
Other -----	-	-	-	-	-	-	-	-	-	-	-	-	-
Source of water not reported -----	.2	.2	-	-	-	-	-	.2	-	-	-	-	-
Means of Sewage Disposal													
Public sewer -----	17.2	9.3	7.8	.2	.3	.2	.7	2.6	5.5	1.5	6.2	2.3	2.2
Septic tank, cesspool, chemical toilet -----	.2	.2	-	.1	-	.2	-	-	-	.2	-	.2	-
Other -----	-	-	-	-	-	-	-	-	-	-	-	-	-

¹See back cover for details.

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

³Excludes units where primary source of drinking water is commercial bottled water.

Table 6-10. Previous Unit of Recent Movers - Occupied Units with Hispanic Householder

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

Characteristics	Total occupied units	Tenure		Housing unit characteristics				Household characteristics			Selected subareas ¹		
		Owner	Renter	New construction 4 yrs	Mobile homes	Physical problems		Elderly (65+)	Moved in past year	Below poverty level	Area one	Area two	Area three
						Severe	Moderate						
UNITS WHERE HOUSEHOLDER MOVED DURING PAST YEAR													
Total	5.5	1.2	4.4	.2	-	-	.2	-	5.5	.6	2.5	.7	.4
Location of Previous Unit													
Inside same (P)MSA	4.0	.8	3.3	-	-	-	.2	-	4.0	.6	2.2	.4	.4
In central city(s)	2.1	.6	1.5	-	-	-	-	-	2.1	.2	2.0	-	.2
Not in central city(s)	1.9	.2	1.7	-	-	-	.2	-	1.9	.4	.2	.4	.2
Inside different (P)MSA in same state .....	.4	.2	.2	-	-	-	-	-	.4	-	-	.2	-
In central city(s) .....	.4	.2	.2	-	-	-	-	-	.4	-	-	.2	-
Not in central city(s)	-	-	-	-	-	-	-	-	-	-	-	-	-
Inside different (P)MSA in different state .....	.9	.2	.8	.2	-	-	-	-	.9	-	.4	.2	-
In central city(s) .....	.9	.2	.8	.2	-	-	-	-	.9	-	.4	.2	-
Not in central city(s)	-	-	-	-	-	-	-	-	-	-	-	-	-
Outside any metropolitan area	-	-	-	-	-	-	-	-	-	-	-	-	-
Same state	-	-	-	-	-	-	-	-	-	-	-	-	-
Different state	-	-	-	-	-	-	-	-	-	-	-	-	-
Different nation .....	.2	-	.2	-	-	-	-	-	.2	-	-	-	-
Structure Type of Previous Residence													
Moved from within United States	5.4	1.2	4.2	.2	-	-	.2	-	5.4	.6	2.5	.7	.4
House	2.5	1.0	1.5	.2	-	-	-	-	2.5	-	.8	.4	.4
Apartment	2.9	.2	2.7	-	-	-	.2	-	2.9	.6	1.7	.4	-
Mobile home	-	-	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-	-	-
Tenure of Previous Residence													
House, apt., mobile home in United States	5.4	1.2	4.2	.2	-	-	.2	-	5.4	.6	2.5	.7	.4
Owner occupied	1.2	.6	.6	.2	-	-	-	-	1.2	-	.6	.2	-
Renter occupied	4.2	.6	3.6	-	-	-	.2	-	4.2	.6	1.9	.6	.4
Persons - Previous Residence													
House, apt., mobile home in United States	5.4	1.2	4.2	.2	-	-	.2	-	5.4	.6	2.5	.7	.4
1 person .....	.8	-	.8	-	-	-	-	-	.8	.2	.4	-	-
2 persons	1.5	.2	1.3	-	-	-	-	-	1.5	-	.8	.4	.2
3 persons .....	.6	.4	.2	-	-	-	-	-	.6	-	-	-	.2
4 persons	1.2	.2	1.0	-	-	-	-	-	1.2	.2	.8	-	-
5 persons .....	.2	.2	-	.2	-	-	-	-	.2	-	-	-	-
6 persons .....	.4	.2	.2	-	-	-	-	-	.4	-	.2	-	-
7 persons or more .....	.4	-	.4	-	-	-	.2	-	.4	.2	-	.4	-
Not reported .....	.4	-	.4	-	-	-	-	-	.4	-	.4	-	-
Median	2.9	...	...	...	...	...	...	...	2.9	...	...	...	...
Previous Home Owned or Rented by Someone Who Moved Here													
House, apt., mobile home in United States	5.4	1.2	4.2	.2	-	-	.2	-	5.4	.6	2.5	.7	.4
Owned or rented by a mover	4.8	1.2	3.6	.2	-	-	.2	-	4.8	.6	1.9	.7	.4
Owned or rented by other .....	.2	-	.2	-	-	-	-	-	.2	-	.2	-	-
By a relative .....	.2	-	.2	-	-	-	-	-	.2	-	.2	-	-
By a nonrelative	-	-	-	-	-	-	-	-	-	-	-	-	-
Not reported	-	-	-	-	-	-	-	-	-	-	-	-	-
Not reported .....	.4	-	.4	-	-	-	-	-	.4	-	.4	-	-
Change in Housing Costs													
House, apt., mobile home in United States	5.4	1.2	4.2	.2	-	-	.2	-	5.4	.6	2.5	.7	.4
Increased with move	3.0	1.0	2.0	.2	-	-	-	-	3.0	.2	1.3	.2	.4
Stayed about the same .....	.4	.2	.2	-	-	-	-	-	.4	.2	.4	-	-
Decreased	1.3	-	1.3	-	-	-	.2	-	1.3	.2	.4	.4	-
Don't know .....	.2	-	.2	-	-	-	-	-	.2	-	-	.2	-
Not reported .....	.4	-	.4	-	-	-	-	-	.4	-	.4	-	-

¹See back cover for details.

Table 6-15. Mortgage Characteristics - Owner Occupied Units with Hispanic Householder—Con.

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

Characteristics	Total occupied units	Tenure		Housing unit characteristics				Household characteristics			Selected subareas ¹		
		Owner	Renter	New construction 4 yrs	Mobile homes	Physical problems		Elderly (65+)	Moved in past year	Below poverty level	Area one	Area two	Area three
						Severe	Moderate						
OWNERS WITH ONE OR MORE MORTGAGES—Con.													
Term of Primary Mortgage at Origination or Assumption													
Less than 8 years	.4	.4	...	—	—	.2	—	—	—	.2	.2	.2	—
8 to 12 years	.6	.6	...	—	—	—	.2	—	.2	.2	—	.6	—
13 to 17 years	.5	.5	...	—	—	—	.2	—	.2	—	.4	—	.2
18 to 22 years	—	—	...	—	—	—	—	—	—	—	—	—	—
23 to 27 years	—	—	...	—	—	—	—	—	—	—	—	—	—
28 to 32 years	3.4	3.4	...	.2	—	.2	.2	1.0	—	.6	—	—	.7
33 years or more	—	—	...	—	—	—	—	—	—	—	—	—	—
Variable	—	—	...	—	—	—	—	—	—	—	—	—	—
Not reported	.7	.7	...	—	—	—	—	.2	—	—	—	—	.2
Median	29	29	...	...	...	...	...	...	...	...	...	...	...
Remaining Years Mortgaged													
Less than 8 years	.7	.7	...	—	—	.2	—	—	.4	.2	.4	—	—
8 to 12	.5	.5	...	—	—	—	.2	—	.2	.2	.2	.2	.2
13 to 17	.6	.6	...	—	—	—	.2	—	—	—	—	—	—
18 to 22	.5	.5	...	—	—	—	—	—	—	—	—	—	.4
23 to 27	1.1	1.1	...	—	—	—	—	—	—	.2	—	—	.4
28 to 32	1.6	1.6	...	.2	—	.2	—	1.0	—	.4	—	—	.2
33 years or more	—	—	...	—	—	—	—	—	—	—	—	—	—
Variable	—	—	...	—	—	—	—	—	—	—	—	—	—
Not reported	.6	.6	...	—	—	—	.2	.2	—	—	.2	.2	—
Median	24	24	...	...	...	...	...	...	...	...	...	...	...
Current Interest Rate													
Less than 6 percent	—	—	...	—	—	—	—	—	—	—	—	—	—
6 to 7.9	1.1	1.1	...	—	—	—	.2	—	.4	—	.2	.2	.3
8 to 9.9	2.5	2.5	...	.2	—	.2	.2	.6	.4	.4	.6	.4	.5
10 to 11.9	.4	.4	...	—	—	—	.2	—	—	—	—	.2	—
12 to 13.9	—	—	...	—	—	—	—	—	—	—	—	—	—
14 to 15.9	—	—	...	—	—	—	—	—	—	—	—	—	—
16 to 17.9	.2	.2	...	—	—	—	—	—	—	.2	—	—	—
18 to 19.9	—	—	...	—	—	—	—	—	—	—	—	—	—
20 percent or more	—	—	...	—	—	—	—	—	—	—	—	—	—
Not reported	1.5	1.5	...	—	—	.2	—	.2	—	—	.2	—	.2
Median	8.8	8.8	...	...	...	...	...	...	...	...	...	...	...
Total Outstanding Principal Amount													
Less than \$10,000	.8	.8	...	—	—	.2	.2	—	—	.4	.2	.6	—
\$10,000 to \$19,999	.2	.2	...	—	—	—	—	—	—	—	—	—	—
\$20,000 to \$29,999	.7	.7	...	—	—	—	.2	—	—	—	.2	.2	.2
\$30,000 to \$39,999	.2	.2	...	—	—	—	.2	—	—	—	—	—	.2
\$40,000 to \$49,999	.4	.4	...	—	—	—	—	—	—	—	—	—	.4
\$50,000 to \$59,999	.6	.6	...	—	—	—	—	.2	—	.2	—	—	—
\$60,000 to \$69,999	.2	.2	...	—	—	—	—	—	—	.2	—	—	—
\$70,000 to \$79,999	.6	.6	...	—	—	—	—	.6	—	.2	—	—	.2
\$80,000 to \$99,999	.2	.2	...	—	—	—	—	—	—	—	—	—	—
\$100,000 to \$119,999	—	—	...	—	—	—	—	—	—	—	—	—	—
\$120,000 to \$149,999	.2	.2	...	—	—	—	—	.2	—	—	—	—	—
\$150,000 to \$199,999	—	—	...	—	—	—	—	—	—	—	—	—	—
\$200,000 to \$249,999	—	—	...	—	—	—	—	—	—	—	—	—	—
\$250,000 to \$299,999	.2	.2	...	.2	—	—	—	.2	—	—	—	—	—
\$300,000 or more	—	—	...	—	—	—	—	—	—	—	—	—	—
Not reported	1.5	1.5	...	—	—	.2	—	.2	—	.2	—	—	.2
Median	46 534	46 534	...	...	...	...	...	...	...	...	...	...	...
Current Total Loan as Percent of Value													
Less than 20 percent	1.0	1.0	...	—	—	.2	.2	—	—	.4	.2	.6	—
20 to 39	.5	.5	...	—	—	—	.2	—	—	—	.2	—	.2
40 to 59	.7	.7	...	—	—	—	.2	.2	.2	.4	—	—	.3
60 to 79	.9	.9	...	.2	—	—	—	—	.4	—	—	.2	.2
80 to 89	.4	.4	...	—	—	—	—	—	—	—	.2	—	—
90 to 99	.6	.6	...	—	—	—	—	—	.4	—	—	—	.2
100 percent or more	—	—	...	—	—	—	—	—	—	—	—	—	—
Not reported	1.5	1.5	...	—	—	.2	—	.2	—	.2	—	—	.2
Median	55.3	55.3	...	...	...	...	...	...	...	...	...	...	...

¹See back cover for details.

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

Note: Table 16, "Repairs, Improvements, and Alterations" has been moved to the *Supplement to the American Housing Survey for Selected Metropolitan Areas in 1995*.

Table 6-17. **Rooms in Unit by Household and Unit Size, Income, and Costs - Occupied Units with Hispanic Householder**

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

Characteristics	Occupied units											
	Total	Rooms					Bedrooms					
		1 and 2 rooms	3 and 4 rooms	5 and 6 rooms	7 rooms or more	Median	No rooms	1 room	2 rooms	3 rooms	4 rooms or more	Median
Total	17.4	.2	3.4	8.5	5.3	5.7	.2	1.7	5.0	7.6	2.9	2.7
Persons												
1 person.....	3.5	.2	1.3	1.7	.2	...	.2	.9	1.4	.7	.2	...
2 persons.....	4.6	-	.9	2.0	1.7	...	-	.6	1.2	2.3	.5	...
3 persons.....	1.9	-	.7	.6	.6	...	-	-	1.1	.8	.1	...
4 persons.....	4.2	-	.2	2.8	1.2	...	-	-	.9	2.5	.8	...
5 persons.....	1.9	-	.2	.7	.9	...	-	.2	.2	.7	.7	...
6 persons.....	1.0	-	-	.4	.6	...	-	-	.2	.2	.6	...
7 persons or more.....	.4	-	-	.2	.2	...	-	-	-	.4	-	...
Median	2.8	...	...	3.3	3.7	...	...	...	2.4	3.4	...	...
Rooms												
1 room.....	.2	...	...	...	...	...	.2	-	-	-	-	...
2 rooms.....	...	...	...	...	...	...	-	-	-	-	-	...
3 rooms.....	1.1	...	...	...	...	...	-	1.1	-	-	-	...
4 rooms.....	2.2	...	...	...	...	...	-	.3	1.9	-	-	...
5 rooms.....	3.3	...	...	...	...	...	-	.2	2.3	.7	-	...
6 rooms.....	5.2	...	...	...	...	...	-	-	.6	4.7	.1	2.9
7 rooms.....	2.6	...	...	...	...	...	-	-	-	1.5	1.1	...
8 rooms.....	1.7	...	...	...	...	...	-	-	.2	.8	.8	...
9 rooms.....	.6	...	...	...	...	...	-	-	-	-	.6	...
10 rooms or more.....	.4	...	...	...	...	...	-	-	-	-	.4	...
Median	5.9	...	...	...	...	...	...	...	4.8	6.2	...	...
Bedrooms												
None.....	.2	.2	-	-	-	...	...	...	...	...	...	...
1.....	1.7	-	1.5	.2	-	...	...	...	...	...	...	...
2.....	5.0	-	1.9	2.9	.2	4.9	...	...	...	...	...	...
3.....	7.6	-	-	5.4	2.2	5.9	...	...	...	...	...	...
4 or more.....	2.9	-	-	-	2.9	...	...	...	...	...	...	...
Median	2.7	...	...	2.7	3.5+	...	...	...	...	...	...	...
Complete Bathrooms												
None.....	-	-	-	-	-	...	-	-	-	-	-	...
1.....	8.3	.2	2.9	4.1	1.1	5.0	.2	1.7	3.9	1.9	.6	2.1
1 and one-half.....	4.6	-	.5	2.6	1.5	...	-	-	1.1	3.0	.5	...
2 or more.....	4.5	-	-	1.8	2.7	...	-	-	-	2.7	1.8	...
Lot Size												
Less than one-eighth acre.....	1.3	-	-	.8	.6	...	-	-	.2	.9	.2	...
One-eighth up to one-quarter acre.....	2.8	-	.4	1.6	.8	...	-	-	1.0	1.7	-	...
One-quarter up to one-half acre.....	1.7	-	-	.4	1.3	...	-	-	.4	.2	1.1	...
One-half up to one acre.....	.4	-	-	-	.4	...	-	-	-	.4	-	...
1 to 4 acres.....	.5	-	-	.2	.4	...	-	-	-	.5	-	...
5 to 9 acres.....	-	-	-	-	-	...	-	-	-	-	-	...
10 acres or more.....	.2	-	-	.2	.1	...	-	-	-	.2	.1	...
Don't know.....	6.7	.9	3.9	1.9	1.9	5.7	-	-	2.1	3.1	1.5	2.9
Not reported.....	.6	-	-	.6	-	...	-	-	-	.6	-	...
Median	2.2	...	...	1.9	.33	...	...	...	...	.20	...	...
Income of Families and Primary Individuals												
Less than \$5,000.....	.4	-	.2	.2	-	...	-	-	.2	.2	-	...
\$5,000 to \$9,999.....	.4	-	.2	.2	-	...	-	.2	.2	-	-	...
\$10,000 to \$14,999.....	1.7	-	.6	.7	.4	...	-	.6	.7	.2	...	
\$15,000 to \$19,999.....	1.6	-	.4	.8	.4	...	-	.4	1.0	.1	...	
\$20,000 to \$24,999.....	2.1	-	.8	.8	.6	...	-	.2	1.3	.4	...	
\$25,000 to \$29,999.....	2.2	-	.5	1.1	.6	...	-	.2	1.1	.6	.4	
\$30,000 to \$34,999.....	.7	-	.4	.4	-	...	-	.2	.4	.4	-	
\$35,000 to \$39,999.....	1.8	-	-	1.2	.6	...	-	.2	.4	.7	.4	
\$40,000 to \$49,999.....	1.7	.2	.2	1.0	.4	...	.2	.2	.2	1.0	.2	
\$50,000 to \$59,999.....	1.9	-	.2	.8	.9	...	-	.2	.4	.8	.5	
\$60,000 to \$79,999.....	1.4	-	-	.6	.8	...	-	-	-	1.0	.4	
\$80,000 to \$99,999.....	.6	-	-	.4	.2	...	-	-	-	.6	-	
\$100,000 to \$119,999.....	.9	-	-	.4	.6	...	-	-	-	.4	.6	
\$120,000 or more.....	.2	-	-	.2	-	...	-	-	-	.2	-	
Median	32 476	...	...	35 399	44 805	...	...	...	24 187	39 644	...	...
Monthly Housing Costs												
Less than \$100.....	.4	-	-	.4	-	...	-	-	.2	.2	-	...
\$100 to \$199.....	1.2	-	-	1.0	.2	...	-	-	.6	.4	.2	...
\$200 to \$249.....	.9	-	-	.4	.5	...	-	-	.2	.7	-	...
\$250 to \$299.....	1.3	-	.3	.4	.6	...	-	-	.5	.4	.4	
\$300 to \$349.....	1.2	-	.4	.6	.2	...	-	.4	.6	.2	-	
\$350 to \$399.....	1.2	-	.6	.4	.2	...	-	.4	.6	.2	-	
\$400 to \$449.....	1.5	.2	.8	.2	.4	...	.2	.2	.8	.4	-	
\$450 to \$499.....	1.0	-	.4	.4	.2	...	-	-	.4	.4	.2	
\$500 to \$599.....	2.6	-	.4	1.7	.6	...	-	.4	.9	.9	.4	
\$600 to \$699.....	1.7	-	.6	1.0	.2	...	-	.4	.4	.8	.2	
\$700 to \$799.....	1.6	-	-	1.1	.6	...	-	-	-	1.5	.2	
\$800 to \$999.....	.8	-	-	.4	.4	...	-	-	.2	.6	-	
\$1,000 to \$1,249.....	1.1	-	-	.4	.8	...	-	-	-	.4	.8	
\$1,250 to \$1,499.....	.4	-	-	.2	.2	...	-	-	-	.2	.2	
\$1,500 or more.....	.4	-	-	.4	.4	...	-	-	-	.2	.2	
No cash rent.....	.2	-	-	.2	-	...	-	-	.2	-	-	
Median (excludes no cash rent)	501	...	...	530	564	...	...	...	418	568	...	...
Median Monthly Housing Costs For Owners												
Monthly costs including all mortgages plus maintenance costs.....	464	...	...	412	...	...	...	...	...	510	...	...
Monthly costs excluding 2nd and subsequent mortgages and maintenance costs.....	438	...	...	412	...	...	...	...	...	510	...	...

Table 6-17. Rooms in Unit by Household and Unit Size, Income, and Costs - Occupied Units with Hispanic Householder—Con.

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

Characteristics	Occupied units											
	Total	Rooms					Bedrooms					
		1 and 2 rooms	3 and 4 rooms	5 and 6 rooms	7 rooms or more	Median	No rooms	1 room	2 rooms	3 rooms	4 rooms or more	Median
OWNER OCCUPIED UNITS												
Total	9.6	-	.5	5.0	4.0	6.2	-	-	2.3	5.3	2.0	3.0
Value												
Less than \$10,000 .....	.5	-	.3	.2	-	...	-	-	.3	.2	-	...
\$10,000 to \$19,999 .....	.6	-	.2	.2	.2	...	-	-	.2	.2	.2	...
\$20,000 to \$29,999 .....	.6	-	-	.4	.2	...	-	-	.2	.2	.2	...
\$30,000 to \$39,999 .....	.9	-	-	.4	.6	...	-	-	-	.9	-	...
\$40,000 to \$49,999 .....	.4	-	-	-	.4	...	-	-	-	.4	-	...
\$50,000 to \$59,999 .....	.4	-	-	.4	-	...	-	-	.4	-	-	...
\$60,000 to \$69,999	1.1	-	-	.8	.3	...	-	-	.6	.4	.2	...
\$70,000 to \$79,999	1.1	-	-	.9	.2	...	-	-	.2	.9	-	...
\$80,000 to \$99,999	1.2	-	-	.9	.4	...	-	-	.2	.7	.4	...
\$100,000 to \$119,999 .....	.6	-	-	.2	.4	...	-	-	-	.4	.2	...
\$120,000 to \$149,999	1.2	-	-	.6	.6	...	-	-	-	1.0	.2	...
\$150,000 to \$199,999 .....	.6	-	-	-	.6	...	-	-	-	.2	.4	...
\$200,000 to \$249,999	-	-	-	-	-	...	-	-	-	-	-	...
\$250,000 to \$299,999	-	-	-	-	-	...	-	-	-	-	-	...
\$300,000 or more .....	.4	-	-	.2	.2	...	-	-	.2	-	.2	...
Median	72 723	...	...	72 429	...	...	...	...	...	74 902	...	...

Table 6-19. **Detailed Tenure by Financial Characteristics - Occupied Units with Hispanic Householder—Con.**

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

Characteristics	Owner occupied								Renter occupied			
	With mortgage				With no mortgage				All renters		Unsubsidized renters ¹	
	Total	Specified ²	Not specified		Total	Specified ²	Not specified		Specified ³	Other	Specified ³	Other
			Condo or Coop	Other			Condo or Coop	Other				
OWNERS WITH ONE OR MORE MORTGAGES—Con.												
Lenders of Primary and Secondary Mortgages												
Only borrowed from firm(s)	4.5	4.3	.2	—	...	...	...	...	...	...	...	...
Only borrowed from seller	1.0	1.0	—	—	...	...	...	...	...	...	...	...
Only borrowed from other individual(s) .....	—	—	—	—	...	...	...	...	...	...	...	...
Borrowed from a firm and seller .....	—	—	—	—	...	...	...	...	...	...	...	...
Borrowed from a firm and other individual .....	—	—	—	—	...	...	...	...	...	...	...	...
Borrowed from seller and other individual .....	—	—	—	—	...	...	...	...	...	...	...	...
One or both sources not reported .....	.2	.2	—	—	...	...	...	...	...	...	...	...

¹Excludes units in public housing projects, and housing units with government rent subsidies.
²Limited to one-unit structures on less than 10 acres and no business on property.
³Excludes one-unit structures on 10 acres or more.
⁴Beginning with 1989 this item uses current income in its calculation. See appendix A.
⁵May reflect a temporary situation, living off savings, or response error.

Table 6-20. **Income of Families and Primary Individuals by Selected Characteristics - Occupied Units with Hispanic Householder—Con.**

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

Characteristics	Total	Zero to negative	\$1 to \$4,999	\$5,000 to \$9,999	\$10,000 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$29,999	\$30,000 to \$39,999	\$40,000 to \$59,999	\$60,000 to \$79,999	\$80,000 to \$99,999	\$100,000 to \$119,999	\$120,000 or more	Median
OWNER OCCUPIED UNITS—Con.														
Purchase Price														
Home purchased or built	9.4	-	-	-	.9	1.0	2.2	1.2	1.6	1.0	.4	.9	.2	34 575
Less than \$10,000	1.1	-	-	-	.2	.2	.3	-	.2	.2	-	-	-	...
\$10,000 to \$19,999	1.0	-	-	-	.2	.6	.2	-	-	-	-	-	-	...
\$20,000 to \$29,999 .....	.9	-	-	-	-	-	.4	.2	.2	.2	-	-	-	...
\$30,000 to \$39,999 .....	.9	-	-	-	-	-	.4	.4	.2	-	-	-	-	...
\$40,000 to \$49,999 .....	.2	-	-	-	-	-	.2	-	-	-	-	-	-	...
\$50,000 to \$59,999 .....	.6	-	-	-	.2	-	-	.2	.2	-	-	-	-	...
\$60,000 to \$69,999 .....	.7	-	-	-	-	-	.2	.4	-	-	-	.2	-	...
\$70,000 to \$79,999 .....	.4	-	-	-	-	-	-	-	.2	-	-	.2	-	...
\$80,000 to \$99,999	1.5	-	-	-	.2	-	-	-	.2	.4	.2	.4	.2	...
\$100,000 to \$119,999 .....	.4	-	-	-	-	.2	-	-	-	-	-	.2	-	...
\$120,000 to \$149,999 .....	.4	-	-	-	-	-	-	-	-	.2	.2	-	-	...
\$150,000 to \$199,999	-	-	-	-	-	-	-	-	-	-	-	-	-	...
\$200,000 to \$249,999	-	-	-	-	-	-	-	-	-	-	-	-	-	...
\$250,000 to \$299,999	-	-	-	-	-	-	-	-	-	-	-	-	-	...
\$300,000 or more .....	.2	-	-	-	-	-	-	-	.2	-	-	-	-	...
Not reported	1.1	-	-	-	.2	-	.6	-	.3	-	-	-	-	...
Median	50 381	...	...	...	...	...	...	...	...	...	...	...	...	...
Received as inheritance or gift .....	.2	-	-	-	.2	-	-	-	-	-	-	-	-	...
Not reported	-	-	-	-	-	-	-	-	-	-	-	-	-	...
RENTER OCCUPIED UNITS														
Total	7.8	-	.4	.4	.6	.6	2.1	1.4	1.9	.4	.2	-	-	29 637
Rent Reductions														
No subsidy or income reporting	7.1	-	.2	.4	.4	.6	1.7	1.4	1.9	.4	.2	-	-	32 158
Rent control	-	-	-	-	-	-	-	-	-	-	-	-	-	...
No rent control	7.1	-	.2	.4	.4	.6	1.7	1.4	1.9	.4	.2	-	-	32 158
Reduced by owner .....	.2	-	-	-	-	-	-	-	.2	-	-	-	-	...
Not reduced by owner	6.9	-	.2	.4	.4	.6	1.7	1.4	1.7	.4	.2	-	-	31 414
Owner reduction not reported	-	-	-	-	-	-	-	-	-	-	-	-	-	...
Rent control not reported	-	-	-	-	-	-	-	-	-	-	-	-	-	...
Owned by public housing authority .....	.2	-	.2	-	-	-	-	-	-	-	-	-	-	...
Other, Federal subsidy .....	.5	-	-	-	.2	-	.3	-	-	-	-	-	-	...
Other, State or local subsidy	-	-	-	-	-	-	-	-	-	-	-	-	-	...
Other, income verification	-	-	-	-	-	-	-	-	-	-	-	-	-	...
Subsidy or income verification not reported	-	-	-	-	-	-	-	-	-	-	-	-	-	...

¹For mobile home, oldest category is 1939 or earlier.
²Beginning with 1989 this item uses current income in its calculation. See appendix A.
³May reflect a temporary situation, living off savings, or response error.

Table 6-21. **Housing Costs by Selected Characteristics - Occupied Units with Hispanic Householder—Con.**

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

Characteristics	Total	Less than \$100	\$100 to \$199	\$200 to \$299	\$300 to \$399	\$400 to \$499	\$500 to \$599	\$600 to \$699	\$700 to \$799	\$800 to \$999	\$1,000 to \$1,499	\$1,500 or more	No cash rent	Mortgage payment not reported	Median excluding no cash rent
RENTER OCCUPIED UNITS															
Total	7.8	-	.2	.2	1.3	2.0	1.3	1.1	.9	.4	.2	-	.2	...	512
Rent Reductions															
No subsidy or income reporting	7.1	-	-	.2	1.2	2.0	1.0	1.1	.9	.4	.2	-	.2	...	516
Rent control .....	-	-	-	-	-	-	-	-	-	-	-	-	-	...	...
No rent control	7.1	-	-	.2	1.2	2.0	1.0	1.1	.9	.4	.2	-	.2	...	516
Reduced by owner .....	.2	-	-	-	-	-	.2	-	-	-	-	-	-	...	...
Not reduced by owner	6.9	-	-	.2	1.2	2.0	.8	1.1	.9	.4	.2	-	.2	...	507
Owner reduction not reported .....	-	-	-	-	-	-	-	-	-	-	-	-	-	...	...
Rent control not reported .....	-	-	-	-	-	-	-	-	-	-	-	-	-	...	...
Owned by public housing authority .....	.2	-	-	-	-	-	.2	-	-	-	-	-	-	...	...
Other, Federal subsidy .....	.5	-	.2	-	.2	-	.2	-	-	-	-	-	-	...	...
Other, State or local subsidy .....	-	-	-	-	-	-	-	-	-	-	-	-	-	...	...
Other, income verification .....	-	-	-	-	-	-	-	-	-	-	-	-	-	...	...
Subsidy or income verification not reported .....	-	-	-	-	-	-	-	-	-	-	-	-	-	...	...

¹For mobile home, oldest category is 1939 or earlier.
²Beginning with 1989 this item uses current income in its calculation. See appendix A.

Appendix A.

Definitions and Questionnaire

GENERAL DEFINITIONS

Introduction. The definitions in this appendix are basically the same for both the American Housing Survey National sample and the American Housing Survey Metropolitan sample. Definitions for some items have changed over time. For a discussion of historical changes, see appendix C. The definitions in this appendix represent the situation at the time of this survey. To help find topics in this appendix, readers may want to use the Subject Index at the back of this book.

The American Housing Survey was conducted by personal interview. 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.

Sample size. The sample size shown in this report is the unweighted count of the actual sample cases. See appendix B in this report for a more detailed explanation on sample design.

Medians. 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 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 \$400, and people give answers in round numbers, like \$20,000 income, or 40 years old. There is one special case in calculating medians: 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 the national report, smaller numbers in the metropolitan reports).

Comparability with 1990 Census of Population and Housing data. The concepts and definitions are essentially the same for items that appear in both the 1990 census and the national reports.

There is a major difference, however, in the time period of the recent mover classification. In the American Housing Survey, recent movers are households that moved into their unit during the 12 months prior to interview, a period of 1 year or less. In publications for the 1990 Census of Housing on mover households, the time period was from January 1, 1989, through March 31, 1990, a period of 15 months or less.

A variety of data on mortgages and homeowner properties are presented in publications from the Residential Finance Survey. Differences in the concepts and definitions in this survey and the American Housing Survey publications include the following: the basic unit of tabulation in AHS is the housing unit; in Residential Finance publications, it is the property. All the data in AHS are provided by the occupant; in Residential Finance publications, mortgage is reconciled with responses from the lender.

In the American Housing Survey, units are classified as new construction if constructed 4 years or less from the date of interview. In publications from the 1990 Census of Housing, units are classified as new construction if constructed in 1985 through 1990.

Data on poverty level in the 1990 Census of Housing do not contain the income of household members unrelated to the householder. In the American Housing Survey, data on poverty level include the income of all household members whether or not they are related to the householder.

Income data in the American Housing Survey are based on income for the 12 months prior to interview for those household members 14 years and older. The 1990 Census of Housing income data are for calendar year 1989 and for income of household members 15 years and older.

Differences between the American Housing Survey data and the 1990 census may also be attributed to several other factors. These include the extensive use of self-enumeration in the census in contrast to personal interview in the survey; differences in processing procedures and sample designs; the sampling variability associated with

the sample data from both the AHS 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. The American Housing Survey shows counts and characteristics of the existing housing inventory. Additional differences between the American Housing Survey 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.

Comparability with housing vacancy surveys. There may be differences between this survey and Federal, State, local, and other surveys that present vacancy rates. The differences may be attributed to such factors as differing interview periods, survey designs, survey techniques, and processing procedures, as well as differences in concepts and definitions. In addition, there are sampling and nonsampling errors.

AREA DEFINITIONS

The data shown in this report relate to areas as defined for the 1980 census for urban, rural, farm, and nonfarm; and as of 1983 as defined by OMB for metropolitan and nonmetropolitan areas. The area definitions used in this report were not updated to include any OMB decisions after 1983 or the 1990 census results.

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.

Places. Two types of places are recognized by the Census Bureau, incorporated places and census designated places as defined below.

Incorporated places. Incorporated places are those that are incorporated under the laws of their respective States as cities, boroughs, towns, and villages.

Census designated places (CDP's). The Census Bureau has delineated boundaries for closely settled population centers without corporate limits. To be recognized for the census, CDP's must have a minimum population. If located in urbanized areas that have one or more cities of 50,000 or more population, CDP's must have a minimum population of 5,000. All other areas except for areas in Alaska and Hawaii require a minimum population of 1,000. The requirements are a population of 25 in Alaska and 300 in Hawaii.

Place size as shown in national reports reflects the place size as of the 1980 census. More detailed information on places appears in the 1980 Population Census PC (1)-A reports.

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 the 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 constitutes 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, PC801-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 have a minimum population of 50,000. For more information on urbanized areas, refer to the 1980 Population Census PC(1)-A reports.

Farm-nonfarm residence. In rural areas, occupied housing units are subdivided into rural-farm housing (which comprises all rural units on farms) and rural-nonfarm

housing (which comprises the remaining rural units). Occupied housing units are classified as farm units if the sales of agricultural products amounted to at least \$1,000 during the 12-month period prior to the interview. Occupied units in rural territory that do not meet the definition for farm housing are classified as nonfarm.

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 March 30, 1990, 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.

Primary metropolitan statistical areas. Within the metropolitan statistical areas classified as Level A (population size of 1,000,000 or more), some areas may qualify for separate recognition as primary metropolitan statistical areas (PMSA's). A PMSA is a large urbanized county, or cluster of counties, that demonstrates very strong internal economic and social links, in addition to close ties to the other portions of the Level A metropolitan statistical area.

Consolidated metropolitan statistical area. A consolidated metropolitan statistical area (CMSA) is a Level A metropolitan statistical area when at least two primary metropolitan statistical areas are defined.

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.

Selected subareas. Data for three of the largest central cities and/or counties in each metropolitan area are shown in chapters 2 through 6 of the metropolitan books under the

boxhead column "selected subareas." For a list of the selected subareas in each metropolitan area, see the inside back cover of the metropolitan books.

Selected geographic areas. Data for each county and independent city (in certain states) for which it was estimated that 100 or more interviews occurred are shown in the stub item "selected geographic areas in table 2-1 of the metropolitan books.

Standard metropolitan statistical areas. The definitions of standard metropolitan statistical areas (SMSA's) used in the Annual Housing Survey prior to 1984 corresponded to the 243 SMSA's used in the 1970 census. Except in the New England States, an SMSA is a county or group of contiguous counties that contains at least one city of 50,000 inhabitants or more, or "twin cities" with a combined population of at least 50,000. In addition to the county or counties containing such a city or cities, contiguous counties are included in an SMSA if, according to certain criteria, they are socially and economically integrated with the central city. In the New England States, SMSA's consist of towns and cities instead of counties. Each SMSA must include at least one central city, and the complete title of an SMSA identifies the central city or cities.

SUBJECT CHARACTERISTICS

Living Quarters

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. 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 do not live and eat with any other persons in the structure and that have direct access from the outside of the building or through a common hall that is used or intended for use by the occupants of another unit or by the general public. The occupants may be a single family, one person living alone, two or more families living together, or any other group 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. Group quarters are any living quarters which 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 house. In addition, noninstitutional group quarter include any living quarters which are occupied by 9 or more persons unrelated to the householder, or by 10 or more unrelated persons.

Hotels, motels, rooming houses, etc. 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. Living quarters of staff personnel are separate housing units if they satisfy the housing unit criteria. Other living quarters are considered group quarters.

Year-round housing units. Year-round housing units include all units occupied by one or more persons for whom it is their usual residence and all vacant units that are intended by the owner for occupancy at any time of the year. If a unit in a resort area is intended for occupancy on a year-round basis, it is a year-round housing unit, even if vacant.

Homes currently for sale or rent. The data are presented for owner-occupied, year-round URE (usual residence elsewhere), and year-round vacant units. For owner-occupied units, the classification of the unit refers to the

current action of the owner. The owner occupant is offering the unit for rent only, for rent or for sale, or for sale only. In addition, the current owner occupant may have made arrangements to sell the unit to a future owner but the final transactions have not yet taken place (sold, but not yet occupied by the leased tenants), or simply not have the housing unit on the market.

For year-round URE's, the classification of the unit reflects the intentions of the owner or manager of the unit. The definition for each category of unit is the same for URE's as it is for year-round vacants. For a list of these definitions, please see the topic "Vacancy Status."

Seasonal units. Seasonal units are units that are intended by the owner to be occupied during only certain seasons of the year. They are not anyone's usual residence and include units occupied entirely by persons with a usual residence elsewhere and vacant units. A seasonal unit may be used in more than one season; for example, both in the summer for summer sports and in the winter for winter sports. Counts of seasonal units in this report also include housing units held for occupancy by migratory farm workers.

Population in housing units. Included are all persons living in housing units. Persons living in group quarters are excluded.

Occupied housing units. 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. 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 in table 2-1. The last category includes Asian, Pacific Islander, American Indian, Aleut, Eskimo, and any other race reported. Detailed characteristics of units with Black householders are presented in chapter 5.

Hispanic. The classification "Hispanic" refers to the origin of the householder occupying the housing unit. Detailed characteristics of housing units with Hispanic householders are presented in chapter 6. 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.

Data on Hispanic households shown in American Housing Survey National reports are collected in the 50 States and the District of Columbia, and therefore do not include households in Puerto Rico.

Tenure. 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. 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 or rent out an individual housing unit and is a shareholder in the corporation that owns the property.

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.

Year householder moved into unit. The data are based on the information reported for the householder and refer to the year of latest move. Thus, if the householder moved back into a housing unit previously occupied, the year of the latest move was to be reported; if the householder moved from one apartment to another in the same building, the year the householder moved into the present unit was to be reported. The intent is to establish the year the present occupancy by the householder began. The year the householder moves is not necessarily the same year other members of the household move; although, in the great majority of cases the entire household moves at the same time. The median year householder moved into unit is rounded to the nearest year.

Owner or manager on property. 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. 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, 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.

Vacancy status. Vacant housing units are classified as either "seasonal" or "year-round." See definitions of seasonal and year-round on page A-4. Year-round vacant housing units are subdivided as follows:

For sale only. Vacant year-round units "for sale only" also include vacant units in a cooperative or condominium building if the individual units are offered for sale only.

For rent. Vacant year-round units "for rent" also include vacant units offered either for rent or for sale.

Rented or sold, not occupied. If any money rent has been paid or agreed upon, but the new renter has not moved in as of the date of the interview, or if the unit has recently been sold, but the new owner has not yet moved in, the year-round vacant unit is classified as "rented or sold, not occupied."

Held for occasional use. This category consists of vacant year-round units that are held for weekend or other occasional use throughout the year. The intent of this question is to identify homes reserved by their owners as second homes. Because of the difficulty of distinguishing between this category and seasonal vacancies, it is possible that some second homes are classified as seasonal and vice versa.

Temporarily occupied by persons with usual residence elsewhere (URE). If all the persons in a housing unit usually live elsewhere, that unit is classified as vacant, provided the usual place of residence is held for the household and is not offered for rent or for sale. For example, a beach cottage occupied at the time of the interview by a family that has a usual place of residence in the city is included in the count of vacant units. If the house in the city was in the survey sample, the house would be reported occupied and would be included in the count of occupied units since the occupants are only temporarily absent.

Held for other reasons. If a vacant year-round unit does not fall into any of the classifications specified, it is classified as "held for other reasons." For example, this category includes units held for settlement of an estate, units held for occupancy by a caretaker or janitor, and units held for personal reasons of the owner. The "other vacant" category includes all housing units held for other reasons.

Time sharing. 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. 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. 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. The statistics on "last used as a permanent residence" refer to the length of time (in months) since units that are currently seasonal vacants were last used as a permanent residence, and is 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."

Rental vacancy rate. The rental vacancy rate is the number of vacant year-round units for rent as a percent of the total rental inventory; i.e., all renter-occupied housing units and all year-round vacant housing units for rent or rented, not occupied.

Suitability for year-round use. 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.

Housing Units Occupied by Recent Movers

Recent movers. Data for recent movers are shown for two categories of movers: Units where the householder moved into the present unit during the 12 months prior to

the interview, and units where the respondent moved into the present housing unit during the 12 months prior to the interview. In most cases, the two groups represent the same households.

Present and previous units. The present unit is the housing unit occupied by the householder or respondent at the time of the interview. The previous unit is the housing unit from which the householder or respondent moved. If the householder or respondent moved more than once during the 12 months prior to the date of the interview, the previous unit is the one from which they last moved.

Location of previous unit. These data are shown for units where the householder moved during the past year. The location of the previous unit is reported as being inside the same metropolitan area, and either in the central city(s) or not in the central city(s); inside a different metropolitan area in the same State, in a different State, and in a central city or not in a central city; outside any metropolitan area, and either in the same State or a different State; or in a different nation.

Tenure of previous unit. These data are shown for units where the householder moved within the United States during the past year. The previous unit was owner occupied if the owner or co-owner lived in the unit, even if it was mortgaged or not fully paid for. If the previous unit was a cooperative or condominium, it was owner occupied only if the owner or co-owner lived in it. All other previous units were renter occupied including housing units rented for cash rent and those occupied without payment of cash rent.

Structure type of previous residence. These data are shown for householders who moved within the United States during the past year. They are based on the respondent's classification of structure type of the previous residence.

Persons—previous residence. These data are shown on table 10 of all chapters for units where the householder moved within the United States during the past year. Data for units where the respondent moved during the past year are shown separately on table 24 of all chapters. All persons are counted who lived at the previous residence at the time of the move, and those who usually lived there but were temporarily away for reasons such as visiting, traveling in connection with their jobs, attending school, in general hospitals, and in other temporary locations. Children, infants, lodgers, servants, hired hands, and anyone else who usually lived there are included. Persons who were staying at the previous residence at the time of move, but who had a usual residence elsewhere were not counted.

Previous home owned or rented by someone who moved here. These data are shown for units where the householder moved within the United States during the past year. Data are shown for the number of households

where the previous home was owned or rented by someone living in the current housing unit and the number of households where the previous unit was owned or rented by a relative or nonrelative other than a current household member.

Change in housing costs. Housing costs include mortgage and rent payment, real estate taxes, insurance, upkeep of place, utilities, homeowner membership fees, land rent, mobile home park fees paid, etc. Comparison is made of the share the householder and those who moved with the householder (from the same place at the same time) actually paid in the previous unit with the share they actually pay in the present residence.

Reasons for leaving previous unit. These data are shown for units where the respondent moved during the past year. The categories refer to reasons causing the move from the previous residence.

Private displacement includes situations in which a private company or person wanted to use the housing unit for some other purpose (to develop the land or building commercially, to occupy the unit himself/herself, to convert the unit to a condominium or cooperative, to make repairs and renovate the unit, etc.).

Government displacement means the respondent was forced to leave by the government (local, State, or Federal), because the land was being used to build a road or highway, for urban renewal or other public activity, because the building was condemned, or some other similar reason.

Disaster loss includes damage by a tornado, storm, flood, earthquake, fire, landslide or other similar occurrences.

New job or job transfer indicates that the respondent moved to begin a new job or was transferred from the previous location to the present location.

To be closer to work/school/other means that the respondent moved because commuting was too far and respondent wanted to live closer to work, school, or some other commuting purpose.

Other, financial/employment related refers to financial or employment related reasons, such as wanting to look for a new or different job, because he/she entered or left the U.S. Armed Forces, established a retirement home, or some other financial/employment reason.

To establish own household means that the respondent left his/her previous residence (parent's home, rooming or boarding house, shared apartment, etc.) to establish own household.

Needed larger house or apartment refers to moves that were necessary because of crowding and not for aesthetic reasons.

Married, widowed, divorced, or separated is marked if the respondent moved because of marital reasons.

Other family/personal related indicates that the respondent moved because of family or personal reasons such as wanting to live closer to relatives.

Wanted better home was marked if the respondent moved because the previous residence was too old, run-down, in need of too many repairs, etc., or if there was nothing wrong with the previous home, but the respondent simply wanted to move to a better one.

Change from owner to renter, or Change from renter to owner, indicates a change in tenure.

Wanted lower rent or less expensive maintenance indicates that the respondent moved because the rent (or mortgage) payments were too high at the previous residence or that the taxes or upkeep were too high.

Other housing related reasons includes respondent wanted larger yard, different zoning, wanted a better investment, etc.

Other category includes examples such as respondent wanted a change in climate, neighborhood crime problem, racial or ethnic composition of neighborhood.

Choice of present neighborhood and neighborhood search. These data are shown for units where the respondent moved during the past year. The respondent was asked a three-part question on choice of present neighborhood: (1) if the respondent looked for a house/apartment in any other neighborhood, (2) the reasons why the respondent chose the present neighborhood, and (3) the main reason the present neighborhood was chosen. The distribution for choice of present neighborhood may not add to the total as the respondent was not limited to one response.

Choice of present home and home search. These data are shown for units where the respondent moved during the past year. The respondent was asked a three-part question on choice of present home: (1) if the respondent looked at both houses/mobile homes and apartments, (2) the reasons why the respondent chose the present house/apartment, and (3) the main reason the present house or apartment was chosen. The distribution for choice of present home may not add to the total as the respondent was not limited to one response as to which was better.

Recent mover comparison to previous home. This item is based on the respondent's comparison between the present unit and previous unit as to which was better.

Recent mover comparison to previous neighborhood.

This item is based on the respondent's comparison between the present neighborhood and the previous neighborhood as to which was better. The definition of neighborhood is whatever the respondent considers it to be.

Utilization Characteristics

Persons. 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 categories of the number of one person through seven-or-more-person households. 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. 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.

Rooms used for business. The statistics are available in reports which use National samples cases only. A room used only for business space is a room set up for use as an office or business such as: for a business owner, contract worker, self-employed person, commercial use (such as daycare, catering, etc.) or regular job. A room used for both, business and something else (such as a living room, family room, guest room, den, etc.) is also considered as "used for business." Excluded are offices set up for personal household use only.

Persons per room. Persons per room is computed for each occupied housing unit by dividing the number of persons in the unit by the number of rooms in the unit. The figures shown refer, therefore, to the number of housing units having the specified ratio of persons per room.

Bedrooms. 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. 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. 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. 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. Housing units built in the 4 years prior to the date of the interview are classified as new construction.

Year structure built. 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. Median year built is rounded to the nearest year.

Units in structure. 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. Prior to the 1984 reports, these units were not classified as a mobile home or trailer.

Foundation. 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. Crawl space is space between the ground and the first floor of the house, but it is not high enough for a person to walk upright. A house is built on a concrete slab if it is built on concrete that has been poured on the ground. The "other" category refers to a house built on stilts or pilings (for example, beach houses) and boats, motorhomes, etc.

Site placement. 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. The statistics presented are restricted to multiunits in reports which use National sample cases only. In reports using metropolitan sample cases, the statistics are not restricted. Finished attics are included in the number of stories. Unfinished attics are not. For split levels and bilevels, the number of stories is determined by the highest number of floors that are physically over each other.

Stories between main and apartment entrances. Data are presented for multiunit structures with two or more floors and are concerned with the number of floors from the main 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. 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. 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. 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. 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 (fixtures backed up or overflowed, pipes leaked, etc.) of water leakage.

External building conditions. The statistics presented are restricted to multiunits in reports which use National sample cases only. In reports using metropolitan sample cases, the statistics are not restricted. 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 into the following: roof, walls, windows, and foundation.

Roof. A "sagging roof" is a critical 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, 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 crack or hole. 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 facilities. The category "with all plumbing facilities" consists of housing units that have hot and cold piped water as well as a flush toilet and a bathtub or shower for 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 the toilet or bathing facilities are also for the use of the occupants of other housing units.

Complete bathrooms. 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.

Primary source of water and water supply stoppage. 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 commercial bottled water are included in the "other" category.

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, in bathtub, flush toilet, dishwasher, and other similar items) had water supplied to it, or all were inoperable. The reason could vary from a stoppage because of a flood or storm, to a broken pipe, to a shutdown of the water system, to a failure to pay the bill, or other reasons.

Data on water supply stoppage are shown if they occurred in the 3 months prior to the interview, or while the household was living in the unit if less than 3 months, 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.

Safety of primary source of water. Water was considered safe (consumable or potable) if the main water source was used or *could be* used for drinking. The respondent was not asked what source was used by the household for drinking but whether or not the main water source was safe to drink. This item excludes units where the primary source of drinking water was commercial bottled water.

Source of drinking water. The statistics presented are restricted to units where the respondent answered their primary source of drinking water was *not* safe to drink. Units where the primary source of water was commercial bottled water were excluded. For a more detailed explanation on water sources, see the definition of "Primary source of water" in this appendix.

Sewage disposal and sewage disposal breakdowns. 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 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). 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.

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 septic tank being pumped because it no longer perked, tank collapsed, tank exploded, sewer main broken, sewer treatment plant not operating as a result of electrical failure or water service interruption, 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 and flush toilet breakdowns. A privy or chemical toilet is not considered a flush toilet. Flush toilets outside the unit were not counted. 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 and heating equipment breakdowns.

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 in heat during the winter and pump out heat during the summer. Only heat pumps that are centrally installed with ducts to the rooms are included in this category. 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 non-portable 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 firebacks 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 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.

Heating degree day. Each degree that the average temperature for a day is below 65 degrees Fahrenheit produces one heating degree day. For example, if the maximum temperature is 70 degrees F and the minimum temperature is 52 degrees F, the average temperature for the day is 61 degrees, resulting in four heating degree days. The information on heating degree days was provided by the National Oceanic and Atmospheric Administration (NOAA) and based on averages for the 30-year period, 1951-1980. Each sample unit was assigned a heating and cooling degree day using the NOAA data. The categories presented in tables of this report represent the total heating degree days for the entire year.

Cooling degree day. Each degree that the average temperature for a day is above 65 degrees Fahrenheit produces one cooling degree day. For example, if the maximum temperature is 80 degrees F and the minimum temperature is 62 degrees F, the average temperature for the day is 71 degrees, resulting in six cooling degree days. The information on cooling degree days was provided by the National Oceanic and Atmospheric Administration (NOAA) and based on averages for the 30-year period, 1951-1980. Each sample unit was assigned a heating and cooling degree day using the NOAA data. The categories presented in tables of this report represent the total cooling degree days for the entire year.

Fuels. Electricity is generally supplied by means of above or underground electric power lines. Piped gas is gas piped 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.

Electric fuses and circuit breakers. 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 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 a specified appliance in the housing unit, the age of the newest is reported.

Complete kitchen facilities. 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) an oven, (3) burners, and (4) 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. The same criteria were used for occupied and vacant units in determining complete kitchen facilities.

Kitchen sink. 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. The refrigerator must be a working mechanical refrigerator. Ice boxes are not counted.

Burners and oven. 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. All mechanical dishwashers are included except counter top dishwashers. The data show whether the equipment is less than 5 years old.

Washing machine. 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.

Clothes dryer. The clothes dryer must be mechanical. Excluded from this count are hand operated wringers, hand turned spin dryers, etc. The data show whether the equipment is less than 5 years old.

Disposal in sink. 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.

Air conditioning. 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. 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. 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.

Usable fireplace. Excludes 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. 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.

Living rooms, recreation rooms, etc. Includes family rooms, dens, recreation rooms and/or libraries.

Garage or carport. The garage or carport must be on the same property but does not have to be attached to the house. Off street parking is considered driveway or parking lot privileges that is paid for as part of the rent. Data on garage or carport are not collected for occasional use vacant and other vacant.

Selected deficiencies:

Signs of rats. 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 was living in the unit if less than 3 months. Signs of rats include droppings, holes in the wall, or ripped or torn food containers.

Holes in floors. 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). 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 and 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). 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. A housing unit is classified as having exposed electric 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. Excluded from the tabulation are appliance cords, extension cords, chandelier cords, and telephone, antenna, or cable TV wires.

Electric wall outlets. 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. 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. To obtain a count of all units lacking cars, the lines "no cars, trucks, or vans" and "other households without cars" must be added together.

Trucks and vans. Included are pickups and small panel trucks of one-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. 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 "1 car with or without trucks or vans" and "with cars, no trucks or vans."

Severe physical problems. A unit has severe physical problems if it has any of the following five problems:

Plumbing. 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. 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.

Electric. Having no electricity, or all of the following three electric problems: exposed wiring; a room with no working wall outlet; and three blown fuses or tripped circuit breakers in the last 90 days.

Upkeep. Having any five of the following six maintenance problems: 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. Having all of the following four 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. 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. Having unvented gas, oil, or kerosene heaters as the primary heating equipment.

Upkeep. Having any three or four of the overall list of six upkeep problems mentioned above under severe physical problems.

Hallways. Having any three of the four hallway problems mentioned above under severe physical problems.

Kitchen. Lacking a kitchen sink, refrigerator, or burners inside the structure for the exclusive use of the unit.

Overall opinion of structure. The data presented are based on the respondent's overall opinion of the house or apartment as a place to live. The respondent was asked to rate the structure based on a scale from 1 to 10, where 10 is the best and 1 is the worst.

Overall opinion of neighborhood. 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. 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 area within 300 feet. The statistics presented are restricted to multiunits in reports which use National sample cases only. In reports using metropolitan sample cases, the statistics are not restricted. 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 house(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 nonresidential structures—offices, banks, hospitals, prisons, pumping stations, water treatment plants, factories, parking garages, churches, hotels, restaurants, barns, junkyards, etc. "Residential parking lot(s)" exclude driveways of single-family homes and parking garages where parking is on more than one level. "Body of water" refers to lakes, ponds, streams, reservoirs, rivers, etc. Swimming pools, bird baths, temporary pools of water, etc., are excluded. "Open space, park, woods, farm, or ranch" include cemeteries, golf courses, woods, forest preserves, vacant lots, undeveloped land, airport land, ball fields, school fields, etc. The category "4 + lane highway, railroad, or airport" refers to highways of 4 lanes or more, railroad tracks, and airports.

Age of other residential buildings within 300 feet. The statistics presented are restricted to multiunits in reports which use National sample cases only. In reports using metropolitan sample cases, the statistics are not restricted. The statistics presented are based on the interviewer's personal observation. "About the same" indicates all homes within 300 feet appear to have been built at about the same time as the sample unit. If the sample unit was built after 1940, residences built more than 10 years before or after the sample unit are considered as not being built at about the same time. "Older than sample unit" and "newer than sample unit" indicate that the sample unit appears to be decidedly newer or older than the homes within 300 feet. "Very mixed" indicates the predominant ages appear to be very mixed, and if there are no other residential buildings within 300 feet, "no other residential buildings" is marked.

Mobile homes in group. 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. The statistics presented are restricted to multiunits in reports which use National sample cases only. In reports

using metropolitan sample cases, the statistics are not restricted. 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 printed 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. The statistics presented are restricted to multiunits in reports which use National sample cases only. In reports using metropolitan sample cases, the statistics are not restricted. 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. The statistics presented are restricted to multiunits in reports which use National sample cases only. In reports using metropolitan sample cases, the statistics are not restricted. 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. The statistics presented are restricted to multiunits in reports which use National sample cases only. In reports using metropolitan sample cases, the statistics are not restricted. The statistics presented are based on the interviewer's personal observations. 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 that do not give the impression of long neglect. The building in which the sample unit is located is included.

Financial Characteristics

All of the financial characteristics shown in this report, except those in table 19 of each chapter, are shown for all renters and/or all owners. Table 19 presents financial characteristics for specified owners and specified renters. Specified owners are single-family, owner-occupied units on less than 10 acres with no business or medical office. Specified renters exclude single-family units 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. 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.

Income. 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 and are the sum of the amounts reported for wage and salary income, self-employment income, interest or dividends, stock 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 for 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.

In this report, the statistics are shown separately for the money income of families and primary individuals occupying the housing unit (the sum of the income of the householder and all other members of the family 14 years old and over, or the income of the primary individual), and the money income of the household (the sum of the income of the householder and all household members 14 years old and over).

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 includes 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 which 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 non-service 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 from inheritances, insurance policies, estates, trusts, gifts, etc.

The income statistics and the characteristics of the household refer to different periods in time. Income data refer to the 12 months prior to the interview, whereas the household characteristics refer to the date 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.

There may be significant differences in the income data between the American Housing Survey and other Bureau surveys and censuses. For example, the time period for income data in the American Housing Survey refers to the 12 months prior to the interview while other income data generally refer to the calendar year prior to the date of the interview. Additional differences in the income data may be attributed to factors such as the various ways income questions are asked, the sampling variability and nonsampling errors between the American Housing Survey and other Census Bureau surveys and censuses, survey procedures and techniques, and processing procedures.

Current income. Two new questions were added to the American Housing Survey in 1989. Upon completion of the detailed income questions, respondents were asked, "Is your total family income THIS MONTH about the same as it was a year ago?" "About the same" was defined as within 10 percent or just cost of living adjustments. If the respondent answered "no," a second question was asked, "What do you expect your total family income to be in the NEXT 12 MONTHS?" Current income for families whose most recent month's income was NOT about the same as a year ago is the "total expected family income in the NEXT 12 MONTHS." Current income for families whose most recent month's income WAS about the same as a year ago is "family and primary individual income." For the majority of families, current income equals income of families and primary individuals. Data on current income is not published separately. It's used in the calculation of "Ratio of value to current income," and "Monthly housing costs as

percent of current income." It is felt that respondents who have only recently entered the job market and those who changed jobs during the past year often report a previous year's income, which is too low to accurately reflect their current financial situation as it relates to the value of their home and their housing costs.

Ratio of value to current income. The ratio of value to current income was computed by dividing the value of the housing unit by the total current income (see definition of current income). The ratio was computed separately for each housing unit and was rounded to the nearest tenth. For value and current income, the dollar amounts were used. Units occupied by individuals who reported no income or a net loss compose the category "zero or negative income." Medians for the ratio of value to current income are rounded to the nearest tenth.

Before 1989, the item "Value-income ratio" was computed by using the income of families and primary individuals only. It was felt that the respondents who only recently entered the job market or who changed jobs during the past year often reported a previous year's income, which was too low to accurately reflect their current financial situation.

Amount of savings and investments. These data are restricted to families and primary individuals with total incomes of \$25,000 per year or less. Savings include 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. 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. 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 AHS are much less detailed and measure the amount received during the previous 12 months. Because interviews were conducted throughout the year, the income measures do not pertain to a fixed period. Many of the income questions in the AHS were asked on a household 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. 194, *Poverty in the United States: 1995*.

Year unit acquired. The year the unit was acquired or inherited refers to the year in which the present owner acquired or inherited the house or apartment; for example, the year the contract was signed. This date may be different from the date when the occupants moved in. If the land and building were bought at different times, the year 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. 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. 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 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, credit unions, share accounts, savings bonds, certificates of deposits (CD's), money market funds, and IRA or KEOGH accounts. Sale of other investment includes the sale of other real property or real estate other than the previous home or from the sale of other investments such as securities (common and 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 was mortgaged.

Money received as a gift regardless of the source was categorized "inheritance or gift." "Land where building built used for financing" means the land on which the structure was built was used as the present owner's equity in the property. 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. For mobile homes, if there was a separate loan for the mobile home and for the land, two mortgages were recorded. 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, trust deeds, 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, in the deed to the buyer, a lien on the property 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.

Home equity loan. A unit was considered to have a home equity loan, if the respondent reported that one or more of the mortgages was a home equity loan.

Primary mortgage. 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 AHS 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 in all cases totally agree with legal definitions of a "first mortgage." 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. 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. 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). 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. 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. 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 were more than one method of origination for the outstanding mortgages on the property.

Payment plans of primary and secondary mortgages. Data are presented separately for primary and secondary mortgages. The term "payment" refers to regular principal and interest payments only, and not to payments for real estate taxes, 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 off the loan completely within the stated term. Adjustable rate mortgages are mortgages whose interest rates could be changed during the life of the mortgage changing the amount of the payments required. In adjustable term mortgages, the amount of the payments stays constant, but the number of payments required to pay off the loan can change over time as interest rates change. Graduated payment mortgages allow monthly payments to change during the term of the mortgage by means other than a change in interest rate. These mortgages begin with lower payments that rise later in the life of the mortgage. Balloon mortgages are mortgages in which only part or none of the principal is paid off during the term of the loan (which commonly is about 5 years). At the end of the term the principal is paid off in one lump sum, refinanced with a new loan, or extended by renewal of the loan.

Lenders of primary and secondary mortgages. 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. 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 that may include insurance premiums, disability insurances, life insurances, etc., may tally in more than one category.

Year primary mortgage originated. 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. 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. The owner or owner's spouse was asked the length of time it would take to pay off the loan at the current payments. The response reflects the amortization schedule. Medians for remaining years mortgaged are rounded to the nearest year.

Current interest rate. 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. The statistics shown represent the total amount of principal that would have to be paid off if the loan were paid off 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 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. The data are presented for owner- and renter-occupied housing units as well as vacant-for-rent units. Monthly housing costs for owner-occupied units is 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, homeowners 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. As of 1989, data on the costs of electricity and

gas are collected differently (see "Monthly costs of electricity and gas" definition). Because of this, "Monthly housing costs" in 1989 and beyond may not be entirely comparable with data published in previous years.

For renter-occupied housing units, monthly housing costs include the contract rent plus the estimated average monthly cost of utilities (electricity, gas, water, and sewage disposal), and 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. For rental units subsidized by a public housing authority, the Federal government, or State or local governments, the monthly rental costs reflect only the portion paid by the household and not the portion subsidized. Before 1991, the monthly rental costs may have included the amount subsidized for many subsidized units.

Monthly housing costs for vacant-for-rent housing units include rent asked. In National reports in 1995 and earlier, the category, "less than \$100," includes an estimated 166,000 housing units with a code "1." In 1995 and earlier, the category, "less than \$100," includes an estimated 166,000 housing units with a code "1." These units were incorrectly coded as having an asking rent of \$1.00. A code "1" actually means that the asking rent depends on the income of the occupants, such as in public housing or some military housing. This misclassification has existed in earlier years so there is no change in 1995 data over previous years. In the 1997 survey, a separate line, "depends on income of the occupants" will be added to the item.

Monthly housing costs are shown for all renters and all owners. Table 19 in this report presents financial characteristics for specified owners and specified renters. Medians for monthly housing costs are rounded to the nearest dollar.

Monthly housing costs as percent of current income. The yearly housing costs (monthly housing costs multiplied by 12) are expressed as a percentage of the total current income (see definition of current income.) This percentage is calculated for the same owner- and renter- occupied housing units for which "Monthly housing costs" were computed (for exclusions see "Monthly housing costs"). The percentage was computed separately for each unit and rounded to the nearest percent. The measure was not computed for units where occupants reported no income or a net loss.

Before 1989, the item "Monthly housing costs as percent of income," was computed by using the income of family and primary individuals only. It was felt that respondents who only recently entered the job market or who changed jobs during the past year often reported a previous year's income, which was too low to accurately reflect their current situation. In addition to a change in the source

of income used in calculations, the item uses new procedures to estimate the costs of electricity and gas (see “Monthly costs of electricity and gas” definition).

Monthly costs for electricity and gas. Three separate procedures are used to estimate monthly costs of electricity and gas. All respondents are asked if they have records available showing their costs for electricity (or gas) separate from other utilities. If they respond “yes,” they are asked the amount of their electric (or gas) bill for the most recent months of January, April, August, and December. These months are the best predictors of annual costs. Depending on the number of months for which data are provided, one of two procedures is used. If the respondents answer “no” to the original question (that is, they do not have separate records for the electricity or gas), a third procedure is used. On average, more than one-third of respondents provide answers for at least 1 of the 4 months.

If the respondent provides data for only 1 month, the first procedure is used. The data for the month are adjusted using regression formulas to estimate yearly costs which are then divided by 12. These formulas are modeled after the results of the Residential Energy Consumption Survey (RECS) sponsored by the United States Department of Energy. These formulas take into account the following characteristics of the unit: electric home heating, natural gas home heating, electric water heating, natural gas water heating, year built, type of unit, number of rooms, number of bathrooms, number of appliances, and number of household members.

If the respondent provides data for 2, 3, or 4 months, the second procedure is used. As with the first procedure, the monthly data are adjusted using regression formulas, modeled after the results of RECS, to estimate yearly costs which are then divided by 12. Because more than 1 month’s worth of real costs are available, it is not necessary to take into account detailed characteristics of the unit as is done in procedure one.

If the respondent answers “no” that he or she does not have separate records for the electricity (or gas), the third procedure is used. The respondent is asked to provide an estimate of the average monthly costs. A factor is then applied that, in effect, lowers these costs to make them consistent with electricity and gas costs in RECS.

Median monthly housing costs for owners. Two additional medians are shown separately for owner-occupied units. The first median includes maintenance costs in addition to those items included in “Monthly housing costs,” see above item. The second excludes second and subsequent mortgages, installment loans or contracts, and maintenance costs; but includes all remaining items listed in “Monthly housing costs.”

Rent paid by lodgers. 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.

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

Property insurance. This item 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 is restricted to owner-occupied housing units. Shared ownership is two or more names on a deed or title. Shared costs include 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. 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 payment used for property taxes, homeowner insurance, and/or other charges. Medians for monthly payment for principal and interest are rounded to the nearest dollar.

Real estate taxes. 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. 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 last year. Routine maintenance consists of regular maintenance activities necessary for the preventive care of the structure, property and fixed equipment items. Included are such things as painting, papering, floor sanding, 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 on repairs, improvements and alterations. Medians for routine maintenance are rounded to the nearest dollar.

Condominium and cooperative fee. 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 cooperative 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. A homeowners' association fee (excludes condominiums and cooperatives 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 (50-100 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. Rent control means that an 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. Data presented excludes 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 may be located in the same building as the sample unit, or it may be located elsewhere on the property (grocery store, restaurant, gasoline station, or veterinary office). 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 last 2 years. 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 the 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. Work begun, but never completed, was not counted unless the work was currently in progress. All jobs were included no matter how small.

Additions. 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. Kitchens added to space already enclosed within the structure were counted. Remodeling a kitchen could include replacing or adding installed equipment such as a garbage disposal, trash compactor, stove, or refrigerator; or it could include replacing or adding cabinets, counter tops, floors or lighting.

Bathrooms. 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. 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. 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. Only installed equipment was counted. Dehumidifiers, heating equipment, portable dishwashers, or any other equipment that simply plugged in was not counted. Water heaters and heat pumps were counted as major equipment.

Insulation. Insulation included all forms of materials (foam, weather stripping, caulking) which is to remain in place. Plastic taped over windows in winter, but removed in summer was not counted.

Other major work. This category includes other major repairs, alterations, or improvements totaling over \$500 each.

Government subsidy for repairs. Low interest loans are loans more than one 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. A household consists of all the persons who occupy a housing unit. By definition, the count of households is the same as the count of occupied housing units.

Householder. The householder is the first household member 18 years old and 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.

Household composition by age of householder. 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. 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. This category includes households with male householders who are married, but with wife absent because of separation or other reason 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. This category includes 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. 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. 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. The age classification refers to the age reported for the householder as of that person's last birthday.

Elderly. Data for elderly include all households with a householder of 65 years of age or over.

Own never-married children under 18 years old. 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.

Other relative of householder. This category includes all persons related to the householder by blood, marriage, or adoption except spouse or own child under 18 years old.

Nonrelative. 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.

Educational attainment of the householder. Data on educational attainment are derived from a question that asks, "What is the highest level of school... completed or the highest degree... has received?" The question on educational attainment applied only to progress in "regular" schools. Regular schools refer to public, private, and parochial elementary and high schools (both junior and senior), colleges, universities, and professional schools. The question included response categories which allowed persons to report the level of previous grade attended or the highest degree received for persons currently enrolled in school. The category high school graduate included persons who received either a high school diploma or the equivalent, for example; passed the Test of General Educational Development (G.E.D) and did not attend college. Education received in vocational, trade, and business

schools is also included. The category "Associate degree" includes persons whose highest degree is an associate degree in (1) an occupational program that prepares them for a specific occupation, and the course work may or may not be creditable toward a bachelor's degree or (2) an academic program primarily in the arts and sciences, and the course work is transferable to a bachelor's degree. Some examples of professional degrees include medicine, dentistry, pharmacy, and law. Schooling in other than regular schools is counted only if the credits obtained are regarded as transferable in the regular school system.

To obtain the total number of high school graduates, add 1) high school graduates (includes equivalency), 2) graduates with some college, no degree, 3) with an associate degree, 4) with a bachelor's degree, and 5) with a graduate degree. To obtain the total number of graduates with a bachelor's degree, add (1) with a bachelor's degree and (2) with a graduate or professional degree.

Single children under 18 years old. 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. 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 households headed by a married couple, other households with two or more adults, and households with one adult or none.

Persons other than spouse or children. 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 (1) both one or more children of the householder or spouse and one or more parents of the householder or spouse live in the unit, (2) both one or more parents of the householder or spouse and one or more grandparents of the householder or spouse, and (3) both one or more children of the householder or spouse and one or more grandchildren of the householder or spouse.

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 of ownership, mortgage, land contract, contract to purchase, or similar document; or more than one household members' 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 are related to any other household member. Persons other than the householder may be co-owners, co-renters, or lodgers.

Household moves and formation. Data are shown for households that moved into the present unit during the 12 months prior to the date of the interview. The distribution is further classified by (1) whether the household moved together from the same unit, from two or more units, or moved at separate times, and (2) if previous household-er(s) moved into the present unit.

Appendix B. Sample Design

SAMPLE DESIGN

Introduction

This report series (H170) provides information on 24 metropolitan areas interviewed as part of the American Housing Survey which was conducted by the Bureau of the Census acting as collection agent for the Department of Housing and Urban Development. The estimates for 18 of these metropolitan areas are based on data collected from the 1995 and 1996 American Housing Survey Metropolitan Sample (AHS-MS). These metropolitan areas and their respective years in sample are:

1995 AHS-MS

Charlotte, NC-SC MSA
Columbus, OH MSA
Denver, CO PMSA
Kansas City, MO-KS MSA
Miami-Ft. Lauderdale, FL CMSA
New Orleans, LA MSA
Pittsburgh, PA MSA
Portland, OR-WA PMSA
San Antonio, TX MSA

1996 AHS-MS

Atlanta, GA MSA
Cleveland, OH PMSA
Hartford, CT MSA
Indianapolis, IN MSA
Memphis, TN-AR-MS MSA
Oklahoma City, OK MSA
St. Louis, MO-IL MSA
Sacramento, CA PMSA
Seattle-Everett, WA PMSA

The estimates for the remaining six of the metropolitan areas in this report series are based on data collected from the 1995 American Housing Survey National Sample (AHS-National). The data for these areas are based on AHS-National sample because the AHS-MS sample in these six areas was dropped to reduce costs. These metropolitan areas are:

Chicago, IL PMSA
Detroit, MI PMSA
New York-Nassau-Suffolk-Orange, NY PMSA's
Northern New Jersey PMSA's
Los Angeles-Long Beach, CA PMSA
Philadelphia, PA-NJ PMSA

Most of these metropolitan areas are consistent with the 1993 Office of Management and Budget (OMB) definitions of the metropolitan statistical area (MSA), consolidated metropolitan statistical area (CMSA), or primary metropolitan statistical area (PMSA) with the following exceptions:

- The New Orleans, LA MSA does not include St. James Parish from the 1993 OMB definition.
- The Chicago, IL PMSA does not include DeKalb County from the 1993 OMB definition.
- The Detroit, MI PMSA includes Livingston County in addition to the 1993 OMB definition.
- The Northern New Jersey PMSA's do not include Warren County, NJ and Pike County, PA from the 1993 OMB definition.
- The Philadelphia, PA-NJ PMSA does not include Salem County, NJ from the 1993 OMB definition.
- The Atlanta, GA MSA does not include Carroll County and Pickens County from the 1993 OMB definition.
- The St. Louis, MO-IL MSA does not include Sullivan City in Crawford County, MO from the 1993 OMB definition.
- The Cleveland, OH PMSA does not include Lorain County from the 1993 OMB definition.

AHS-MS areas. The metropolitan areas selected for AHS-MS are usually interviewed on a rotating basis about once every 4 years. The Bureau of the Census collected 1995 AHS-MS data between March and December of 1995 and 1996 AHS-MS data between March and November of 1996. Initially, the sample in each metropolitan area was uniformly distributed throughout 9 panels (panels 3 through 11).

Because of budget constraints, we dropped panel 11 in all of the metropolitan areas in sample in 1995, except in the Pittsburgh, PA MSA where only half of panel 11 was dropped. Additionally, in the Denver, CO PMSA and the Miami-Ft. Lauderdale, FL CMSA panels 5, 7, and 9 were dropped. We also dropped half of panel 10 in the Miami-Ft. Lauderdale, FL CMSA.

Also, because of budget constraints, in 1996, we dropped panels 5, 7, 9, and 11 from the Atlanta, GA, MSA and the St. Louis, MO-IL MSA. In the Seattle-Everett, WA PMSA panels 5 and 9, and half of panel 11 were dropped.

AHS-National areas. The sample cases for these areas were interviewed between August 1995 and February 1996. For AHS-National, the same basic sample of housing units is interviewed every 2 years until a new sample is selected. The Bureau of the Census updates the sample by adding newly constructed housing units and units discovered through coverage improvement efforts every enumeration.

To provide more reliable sample estimates for the six metropolitan areas, we used sample cases from the basic sample along with an extra sample that had been selected for possible sample supplementation. We refer to this extra sample as the supplemental sample. In 1987 and 1991, some of this sample was used for rural supplementation. However, most of the supplemental sample was interviewed for the first time in 1995. The size of the supplemental sample added in each of the six metropolitan areas is shown in Table A.

Table A. Supplemental Sample Size for Each of the Six AHS-National Based Metropolitan Areas

Metropolitan area	Supplemental sample size
Chicago, IL PMSA	1,923
Detroit, MI PMSA	1,172
Los Angeles-Long Beach, CA PMSA	2,149
New York-Nassau-Suffolk-Orange, NY PMSA's	147
Northern New Jersey PMSA's	129
Philadelphia, PA-NJ PMSA	1,231

In all of the metropolitan areas except Northern New Jersey and New York, the supplemental sample units included all units selected from the 1980 census and any new construction since the 1980 census. In Northern New Jersey and New York only 1980 census renters in urban areas in a few counties were added to the sample.

We used all of the 1995 AHS-National basic and supplemental sample for the following areas: Chicago, Detroit, Northern New Jersey, and Philadelphia.

In Los Angeles, we used all of the AHS-National sample from the urbanized areas of this MS and used only the supplemental sample from urban areas outside urbanized areas and from rural areas. This was done for confidentiality reasons.

In New York, we used different samples for the user file and the publication. For the publication, we used the AHS-National basic and supplemental sample in all areas. For the user file, we used the AHS-National basic and supplemental sample after excluding the urbanized area cases in Orange County. This was done for confidentiality reasons.

Table B. Interview Activity for the 1995 and 1996 American Housing Survey Metropolitan Areas

Metropolitan area	Eligible units			Ineligible units ²
	Total	Interviewed	Not interviewed ¹	
1995 AHS-MS total	36,924	34,900	2,024	1,431
Charlotte, NC-SC MSA	3,915	3,684	231	181
Columbus, OH MSA	4,115	3,843	272	78
Denver, CO PMSA	4,229	4,039	190	97
Kansas City, MO-KS MSA	4,062	3,746	316	170
Miami-Ft. Lauderdale, FL CMSA	4,085	3,862	223	202
New Orleans, LA MSA	3,914	3,679	235	332
Pittsburgh, PA MSA	4,320	4,153	167	113
Portland, OR-WA PMSA	4,086	3,872	214	99
San Antonio, TX MSA	4,198	4,022	176	159
1995 AHS-National total ..	14,328	13,036	1,292	1,381
Chicago, IL PMSA	3,216	2,851	365	274
Detroit, MI PMSA	1,912	1,771	141	167
Los Angeles-Long Beach, CA PMSA	3,485	3,244	241	262
New York-Nassau-Suffolk-Orange, NY PMSA's	2,343	2,146	197	369
Northern New Jersey PMSA's ..	1,272	1,190	82	165
Philadelphia, PA-NJ PMSA	2,100	1,834	266	144
1996 AHS-MS total	40,638	37,728	2,910	1,729
Atlanta, GA MSA	4,640	4,252	388	232
Cleveland, OH PMSA	4,602	4,294	308	140
Hartford, CT MSA	4,531	4,298	233	131
Indianapolis, IN MSA	4,642	4,446	196	155
Memphis, TN-AR-MS MSA	4,534	4,260	274	234
Oklahoma City, OK MSA	4,471	4,074	397	276
St. Louis, MO-IL MSA	4,553	4,240	313	234
Sacramento, CA PMSA	3,983	3,671	312	175
Seattle-Everett, WA PMSA	4,682	4,193	489	152

¹Sample units were visited but occupants were not at home after repeated visits or were unavailable for some other reasons.

²Sample units were visited but did not provide information relevant to the housing inventory. This category includes sample units that were found not to be in the sampling frame.

Interview activity. Table B summarizes the interview activity for each of the metropolitan areas in this report series. The table provides the number of eligible units (comprised of completed interviews and noninterviews), and the number of units visited but ineligible for interview.

AHS-MS Sampling Operations

The 1995 and 1996 AHS-MS sample consists of the following types of housing units:

1. Housing units selected from the 1990 census
2. New construction in areas that issue building permits
3. Housing units missed in the 1990 census
4. Other housing units added since the 1990 census

Before we selected sample for the 1995 and 1996 AHS-MS, all housing units enumerated in the 1990 Census of Population and Housing in the United States were

initially grouped into census blocks and divided into two frames: the unit/group quarters frame and the area frame. We used two criteria to distinguish to which frame a census block belonged: (1) the completeness of addresses in the block and (2) whether the block was in an area which issued building permits for new construction at the time of the 1990 Census of Population and Housing. Four situations arose:

1. Most addresses within the census block were complete, and the block was located in an area which issued permits for new construction. These blocks were placed in the unit/group quarters frame.
2. Most addresses within the census block were complete, and the block was located in an area which did not issue permits for new construction. These blocks were placed in the area frame.
3. There were not enough complete addresses within the census block, and the block was located in an area which issued permits for new construction. These blocks were placed in the area frame.
4. There were not enough complete addresses within the census block, and the block was located in an area which did not issue permits for new construction. These blocks were also placed in the area frame.

We then split the unit/group quarters frame into the unit frame and the group quarters frame by removing all group quarters and placing them in the group quarters frame. In addition, to coordinate with another Census Bureau survey, a subset of census blocks in the unit frame which contained sample selected by this other survey was moved to the area frame.

All new construction housing units which were built after the 1990 Census of Population and Housing in areas where construction of new homes was monitored by building permits were placed into a separate frame, the permit frame.

Sample was selected independently for each metropolitan area. Sampling operations for all frames were performed separately within a designated group of counties in each state. The size of the sample determined the overall sampling rate used to select the sample. Prior to the AHS-MS sample selection, other Census Bureau surveys sampled from each of the frames. We removed records selected by other surveys from each of the frames to avoid having the same housing unit in sample for more than one survey. AHS-MS selected sample from the remaining records after adjusting the sampling ratio to reflect the removal of the other surveys' sample. Table C presents the percentage of AHS-MS sample drawn from each frame.

Unit frame. 1990 census housing units were stratified by the central city and balance of the metropolitan area, by the rent or value of the unit, and by the number of rooms. A systematic sample of housing units was then selected across these strata.

Table C. **Percentage of 1995 and 1996 AHS-MS Sample by Frame**

Metropolitan area	Unit frame	Group quarters frame	Permit frame	Area frame
1995 AHS-MS				
Charlotte, NC-SC MSA	68.6	.05	12.2	19.1
Columbus, OH MSA	84.4	.1	10.2	5.3
Denver, CO PMSA	89.0	.05	7.9	3.1
Kansas City, MO-KS MSA	81.9	.2	7.3	10.7
Miami-Ft. Lauderdale, FL CMSA ..	86.6	.1	8.2	5.2
New Orleans, LA MSA	80.8	.1	1.6	17.5
Pittsburgh, PA MSA	77.0	.1	3.9	18.9
Portland, OR-WA PMSA	82.8	.1	11.9	5.2
San Antonio, TX MSA	81.0	.1	4.8	14.0
1996 AHS-MS				
Atlanta, GA MSA	74.2	.06	16.3	9.4
Cleveland, OH PMSA	83.8	.06	3.7	12.4
Hartford, CT MSA	88.0	.1	5.1	6.7
Indianapolis, IN MSA	79.8	.1	11.0	9.2
Memphis, TN-AR-MS MSA	78.8	.04	10.8	10.4
Oklahoma City, OK MSA	80.4	.1	5.4	14.0
St. Louis, MO-IL MSA	81.4	.04	6.7	11.9
Sacramento, CA PMSA	71.4	.1	10.6	17.9
Seattle-Everett, WA PMSA	83.0	.1	11.1	5.8

Group quarters frame. Sampling from the group quarters frame was a two-stage process. In the first stage, census blocks were systematically sampled with a probability proportional to the group quarters measure of size. For institutional group quarters, the measure of size is always equal to one. For noninstitutional group quarters, the measure of size is a function of the number of people living in the group quarters. Based upon a block's measure of size, clusters expected to yield four housing units were then sampled in the second stage. These group quarters were then monitored by field representatives and housing units that came into existence after April 1, 1990, were sampled.

Permit frame. All sample in the permit frame was drawn from a computerized list of new construction building permits issued in each metropolitan area. Housing units authorized by these permits were expected to be completed after April 1, 1990. In certain permit areas and for certain structure sizes, permits issued as early as January 1, 1989, were included. Most permits included in sample, though, were issued after September 1, 1989. Prior to sample selection, the list of permits was sorted by 1990 central city and balance of the metropolitan area, permit office, and the date the permit was issued. Clusters of approximate size four were selected and then were sampled down to one unit. Some of the original clusters were larger than four. These were sampled at 1 in 4.

Area frame. Census blocks were sorted by central city and balance and by the percentage of renter-occupied housing units in the block. Each block was assigned a measure of

size equivalent to total housing units in the block divided by four. A systematic sample of blocks was selected with a probability proportionate to the block's measure of size. Field representatives listed all housing units in these area frame sample blocks. Based upon a block's measure of size, clusters of an expected size of four housing units were then sampled from the field representatives' lists. These listings were also matched back to the 1990 census to obtain census data for the sample housing units. The sample drawn from the field representatives' listings for this frame includes housing units enumerated in the 1990 census, as well as housing units missed during the census and housing units built since the 1990 census in blocks that did not monitor new construction by issuing building permits. In blocks that did issue building permits, nonmobile home housing units built since the 1990 census were screened out.

To reduce field listing costs, a subset of the blocks from the unit frame, that was moved to the area frame to coordinate with another survey, were matched to the census and the 1990 census list of housing units in this subset of blocks was created. These housing units were sorted by address within census block and a systematic sample of housing units (yielding approximately four units per block) was then selected from this sample of blocks. New construction since the 1990 census was captured in the permit frame since new construction in these blocks was covered by the building permit system.

AHS-National Sampling Operations

AHS-National has interviewed the current basic sample of housing units since 1985. 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 (PSUs). We selected a sample of these PSUs. Then we selected a sample of housing units within these PSUs. 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. All PSUs in these six areas were self-representing PSUs.

Selection of sample housing units. The AHS-National sample consists of the following types of housing units:

- Housing units selected from the 1980 census.
- New construction in areas that issue building permits.
- Housing units missed in the 1980 census.
- Other housing units added since the 1980 census.

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 (EDs) or area enumeration districts. We selected the sample of 1980 census units differently in the two types of areas.

In *address EDs*, most of the housing-unit addresses were complete, and the construction of new housing units was monitored by building permits (permit-issuing areas). 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 EDs that did not meet the definition of a housing unit (for example, military barracks, college dorm). We use this sample to identify units that convert to housing units after the 1980 census.

In *area EDs*, 4 percent or more of the 1980 census addresses were either incomplete or inadequate or new construction was not governed by building permits (mostly rural areas).

We selected a sample of housing units from the list of units that received 1980 census long-form questionnaires in several steps. First, we grouped area EDs based on certain characteristics of interest. Then we selected a systematic sample of EDs. We selected a sample of land areas in these EDs. 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 that were 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. Within each PSU, we selected building permits monthly, based on certain geography characteristics. We created clusters of approximately four housing units and subsampled these clusters to yield clusters of size one. Some of the original clusters were larger than four. These were sampled at 1 in 4.

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.

Housing units added since the 1980 census. We picked 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 that 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. We also pick up adds in permit new construction; for example, units added since the structure was completed. The rules for identifying within structure additions differed in certain types of areas and frames.

In *area EDs*, all within-structure additions in structures containing at least one sample unit were interviewed for the AHS.

In *address EDs and in the HUCS and building permit frames*, we interviewed all within-structure additions in 1-15 unit structures containing at least one sample unit for AHS. In 16-or-more-unit structures, we only interviewed a sample of units.

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 in all types of areas. Under area sampling, we list all housing units within a land area and then select a systematic sample.

To identify whole structure additions in address EDs, we used land areas in sample for the National Health Interview Survey (NHIS). The NHIS uses an area sampling approach in all its sample EDs. We only used NHIS areas that were in AHS PSUs or in NHIS PSUs adjacent to AHS PSUs. Only units that were not already assigned to NHIS 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; that is, 801 Main Street, had to match. Apartment number, mobile home site number, etc., did not have to match.)

When we listed all the units in structure, 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.) We updated these areas in 1991.

In *area EDs 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, using criteria similar to those used in address EDs. One important difference to note is that we did not eliminate new construction during the screening process. In 1993, we updated half of the land areas (three of six panels). In 1995, we updated the other half of the land areas.

In *area EDs where new construction is governed by building permits*, we only used one-third of the land areas chosen for the area ED sample. We selected an expected eight units using area sampling methods within these areas to identify whole structure additions. We screened this sample using the same criteria as for address EDs. 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. In 1993, we updated one-half of the land areas. In 1995, we updated the other half of the land areas.

After the 1990 decennial census, certain area EDs switched the management of new construction. Nationally, about 800 EDs changed from not issuing building permits to issuing building permits. About 20 EDs changed from issuing building permits to not issuing building permits.

ESTIMATION

The American Housing Survey produced estimates pertaining to characteristics of the housing inventory at the time of interview (that is, the 1995 and 1996 housing inventory) based on the sample in the metropolitan areas.

Weighting for AHS-MS Metropolitan Areas

The sample housing units were weighted according to a multiple-stage ratio estimation procedure. Before implementation of the ratio estimation procedure, the basic weight (that is, the inverse of the probability of selection) for each interviewed sample housing unit was adjusted to account for Type A noninterviews.

Type A noninterview adjustment. Type A noninterviews are sample units for which

1. Occupants were not home
2. Occupants refused to be interviewed
3. Occupants were unavailable for some other reason

The calculations for this adjustment included only occupied units. The adjustment was computed separately for the following:

1. All housing units in the unit frame and housing units in the area frame with 1990 census data available.

In this case, we divided housing units by central city and balance into two groups for the purpose of calculating the adjustment. Then we subdivided housing units within central city and balance by tenure status (owner/renter). In other words, the adjustment was calculated separately for owners in the central city, for owners in the balance of the metropolitan area, for renters in the central city, and for renters in the balance of the metropolitan area. Housing units were placed into cells based upon the strata used in the unit frame sampling. We categorized all owner-occupied housing units into 76 cells by the number of rooms in the housing unit and the value of the housing unit at the time of the 1990 census. We categorized all renter-occupied housing units into 51 cells by the number of rooms in the housing unit and the rent paid for the housing unit at the time of the 1990 census.

- Housing units in the area frame with no data available from the 1990 census, and housing units in the group quarters frame.

Housing units were divided into two groups: housing units in the central city and housing units in the balance of the metropolitan area. Within the balance, housing units were placed in two categories based on frame. We further subdivided units in the central city and the balance depending upon the tenure status and whether the housing unit was a mobile home or not.

- All housing units from the 1990-based permit frame.

Once again, we divided the housing units into two groups by central city and the balance of the metropolitan area. Within central city and balance, we subdivided the housing units further by tenure status at the time of the interview. Finally, the housing units were split on whether or not they had been constructed within the 4 years preceding this survey yielding a total of eight cells.

Within a given cell, the Type A noninterview adjustment factor was equal to the following ratio:

$$\frac{\text{Weighted count of interviewed housing units} + \text{Weighted count of Type A noninterviewed housing units}}{\text{Weighted count of interviewed housing units}}$$

Ratio estimation procedure for the unit frame. We computed a unit frame ratio estimation factor for all housing units in the unit frame. This factor was computed separately for all sample housing units within each unit frame noninterview cell mentioned previously. We introduced this ratio estimation procedure to correct the probabilities of selection for samples in each of the strata used in the sample selection of the unit frame. Prior to the AHS-MS sample selection within each metropolitan area, housing units already selected for other Census Bureau surveys were deleted from the unit frame. The same probability of selection was then applied to the remaining units to select the AHS-MS sample. Since the number of housing units deleted from the AHS-MS unit frame was not necessarily proportional among all strata, some variation between strata in the actual probability of selection was introduced during the sample selection process. The unit frame ratio estimation factor for each cell was equivalent to:

$$\frac{\text{1990 census count of housing units from the unit frame in the corresponding cell}}{\text{AHS-MS sample estimate of housing units in the unit frame in 1990 in the corresponding cell}}$$

For each metropolitan area, the numerators of the factors were obtained from the 1990 Census of Population and Housing.

The denominators of these factors come from weighted estimates of all the AHS-MS housing units in existence at the time of the 1990 census from the unit frame, using the weights available at the time of calculation (that is, the product of the basic weight and the Type A noninterview adjustment factor). The computed unit frame ratio estimation factor is then multiplied by the existing weight for each sample housing unit within the corresponding ratio estimation cells.

Mobile home ratio estimation. To adjust for undercoverage of mobile homes, the following ratio estimation procedure was applied in all areas:

$$\frac{\text{Independent estimate of mobile homes for the corresponding geographic subdivision of the metropolitan area}}{\text{Sample estimate of mobile homes for the corresponding geographic subdivision of the metropolitan area}}$$

The numerator of this ratio was determined using data from the 1980 census and the 1990 census. Based upon the increase or decrease in the number of mobile homes between 1980 and 1990, the Census Bureau was able to estimate the total number of mobile homes in the survey year (1995 or 1996). The denominator was obtained using the existing weight of AHS-MS sample mobile home units (that is, the product of the basic weight and the weighting factor).

Independent total housing unit ratio estimation. For the ratio estimation procedure described below, each metropolitan area was subdivided into geographic areas consisting of individual counties or a combination of counties.

The effect of this ratio estimation procedure was to reduce the sampling error for most statistics below what would have been obtained by simply weighting the results of the sample by the inverse of the probability of selection. Since the housing population of the sample differed somewhat by chance from the metropolitan area as a whole, it can be expected that the sample housing population, or different portions of it, is brought into agreement with known good estimates of the metropolitan area housing population.

The following ratio estimation procedure was applied in all areas.

$$\frac{\text{Independent estimate of the total housing inventory (excluding mobile homes) for the corresponding geographic subdivision of the metropolitan area}}{\text{Sample estimate of the total housing inventory (excluding mobile homes) for the corresponding geographic subdivision of the metropolitan area}}$$

We determined the numerator of this ratio by making adjustments to the 1990 census data to account for residential new construction as well as losses to the housing inventory since the 1990 census. These estimates were generated at the county level and combined to form geographic subdivisions. For a more detailed description of how these numbers are obtained, refer to a description of a similar process at the state level in the *Current Population Report*, Series P-25, no. 1123. The denominator was obtained using the existing weight of AHS-MS sample units, excluding mobile homes (that is, the product of the basic weight and the weighting factor).

The computed ratio estimation factors were then applied to all appropriate housing units in the corresponding geographic area of each metropolitan area, and the resulting product was used as the final weight for tabulation purposes.

Weighting for AHS-National Metropolitan Areas

The sample housing units were weighted according to a one-stage ratio estimation procedure. Before implementation of the ratio estimation procedure, the basic weight (that is, the inverse of the probability of selection) for each interviewed sample housing unit was adjusted to account for Type A noninterviews.

Type A noninterview adjustment. Type A noninterviews are sample units for which

1. Occupants were not home
2. Occupants refused to be interviewed
3. Occupants were unavailable for some other reason

When prior year AHS-National or 1980 census data are available, we use this information to determine the noninterview adjustment cell. The cells include the following characteristics: tenure, geography, units in structure, number of rooms, and value.

When previous data are not available, we compute adjustment factors using geography and tenure.

Within a given cell, the Type A noninterview adjustment factor was equal to the following ratio:

$$\frac{\text{Weighted count of interviewed housing units} + \text{Weighted count of Type A noninterviewed housing units}}{\text{Weighted count of interviewed housing units}}$$

Independent total housing unit ratio estimation. For the ratio estimation procedure described below, each metropolitan area was subdivided into geographic areas consisting of individual counties or a combination of counties.

The effect of this ratio estimation procedure was to reduce the sampling error for most statistics below what would have been obtained by simply weighting the results of the sample by the inverse of the probability of selection. Since the housing population of the sample differed somewhat by chance from the metropolitan area as a whole, it can be expected that the sample housing population, or different portions of it, is brought into agreement with known good estimates of the metropolitan area housing population.

The following ratio estimation procedure was applied in all areas:

$$\frac{\text{Independent estimate of the total housing inventory for the corresponding geographic subdivision of the metropolitan area}}{\text{Sample estimate of the total housing inventory for the corresponding geographic subdivision of the metropolitan area}}$$

The numerator of this ratio was determined by making adjustments to the 1990 census data to account for residential new construction as well as losses to the housing inventory since the 1990 census. These estimates were generated at the county level and combined to form geographic subdivisions. For a more detailed description of how these numbers are obtained, refer to a description of a similar process at the state level in the *Current Population Report*, Series P-25, No. 1123. The denominator was obtained using the existing weight of AHS sample units (that is, the inverse of the probability of selection times the Type A Noninterview Adjustment Factor).

The computed ratio estimation factor was then applied to all appropriate housing units in the corresponding geographic area of each metropolitan area, and the resulting product was used as the final weight for tabulation purposes.

AHS-NATIONAL TELEPHONE EXPERIMENTS

The Census Bureau used only personal visit interviewing for the 1995 and 1996 AHS-MS. For the 1995 AHS-National, however, we used three different methods of interviewing: personal visit, decentralized telephone interviewing, and computer assisted telephone interviewing (CATI). Table D contains the percentages of interviews by method of interviewing for each of the 6 metropolitan areas. CATI was generally assigned to areas where it is difficult to hire and retain field representatives. These areas are typically large urban PSUs.

Table D. Percentages of AHS-National Interviews by Method of Interviewing for Each of the Six Metropolitan Areas

Metropolitan area	Interviews conducted using CATI	Interviews conducted using decentralized telephone interviewing	Interviews conducted by personal visits
Chicago IL, PMSA	14.6	19.5	65.9
Detroit MI, PMSA	16.5	15.6	67.9
Los Angeles-Long Beach CA, PMSA	11.4	11.1	77.5
New York-Nassau-Suffolk-Orange NY, PMSA's	26.0	26.6	47.4
Northern New Jersey PMSA's	30.4	18.2	51.4
Philadelphia PA-NJ, PMSA	16.1	21.9	62.0

The effects of these different modes of telephone interviewing were analyzed in the following experiments conducted prior to 1995:

- 1. Decentralized telephone interviewing.** A large decentralized telephone interviewing experiment was introduced for the 1983 AHS-National. Before 1983, all interviews were done by personal visits. We concluded telephone interviewing affected the data by:

 - Increasing the item nonresponse rate for income items (this did not appear to cause changes in the publication estimates)
 - Underreporting problems with neighborhood quality
- 2. Computer assisted telephone interviewing (CATI).** We conducted large-scale Computer Assisted Telephone Interviewing experiments as part of the 1987, 1989, and 1991 enumerations for AHS-National. Although there were differences between CATI and non-CATI data in 1987, 1989, and 1991, we recommended continuing CATI for the AHS-National because of the positive aspects of CATI.

Positive aspects of CATI.

- Supervisors have the ability to monitor and observe inexperienced CATI interviewers while they collect data.
- We could hire fewer new interviewers if we use CATI in geographic areas with interviewer retention problems.

- We can continue to use CATI in these areas to reconcile questionable results from previous enumerations and to improve AHS data quality.

Possible effects of CATI on the data. Each of these experiments determined that there is strong evidence that differences exist in data collected using CATI versus non-CATI methods. Although we do not know which method provides better data, we speculate that CATI income estimates are probably better, but that some other estimates are probably worse. Because of the results from the analyses of the 1987 and 1989 experiments, we made changes to the CATI interview in 1991. These changes resulted in substantial reductions in “don’t know” responses and fewer significant differences.

Additional information on the changes made in the CATI interview for 1991 and the results of the analyses of the 1987-91 CATI experiments is available in the *Current Housing Report, Series H150/95*.

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

Reconciliation experiment. As part of the CATI, we conducted reconciliation studies in 1987, 1989 and 1991. 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.

The reconciliation studies indicated respondents had difficulty reporting items such as the following: presence of basement, heating equipment, and heating fuel.

1991 moderate physical problems (MPPs) study. In 1991, an experiment was done to determine why CATI reported fewer moderate physical problems (MPPs) than non-CATI. This study indicated that the lower estimates of MPPs found by CATI were likely caused by CATI underestimating MPPs and non-CATI overestimating MPPs.

Appendix C. Historical Changes

INTRODUCTION

The American Housing Survey Metropolitan Sample (AHS-MS) was first conducted in 1974. Between 1974 and 1983 it was called the Annual Housing Survey. There is also an American Housing Survey National (AHS-N). The AHS-N was first conducted in 1973. Between 1973 and 1981 the AHS-N was conducted every year. Since 1981, the AHS-N has been conducted every other year. As a result both the AHS-MS's and AHS-N's names were changed from The "Annual" to "American" Housing Survey. Other historical changes in the survey are listed below by subject area. The year refers to the year the change was made. In some cases multiple years are mentioned together. In these cases either corrections were made to more than 1 year or there are specific years for which data are not comparable.

Only changes are noted in this appendix. For example, "Book Titles" has no entries from 1975 through 1983, since the same titles were published for those years as in 1974.

Age of Other Residential Buildings Within 300 Feet

1987 and 1989. See the discussion under the topic "Buildings and Neighborhood."

Bars on Windows of Building

1987 and 1989. See the Discussion under the topic "Buildings and Neighborhood."

Book Titles

1974. Annual Housing Survey: 1974

Housing Characteristics for Selected Metropolitan Areas (a separate book is published for each metropolitan area).

Summary of Housing Characteristics for Selected Metropolitan Areas (one book is published containing summary data for all areas).

1984. American Housing Survey: 1984

American Housing Survey for the (name of area) Metropolitan Area (a separate book is published for each metropolitan area).

Supplement to the American Housing Survey for Selected Metropolitan Areas (one book is published containing supplement data for all areas).

Buildings and Neighborhood

1987. Because of the inadvertent use of AHS-N weighted sample cases for certain items where AHS-N cases should not have been used, the data for these items in the 1987 AHS-MS are incorrect. In many cases estimates of not-reported are too high and other categories are too low. These items include: "Stories in structure"; "External building conditions"; "Description of area within 300 feet"; "Age of other residential buildings within 300 feet"; "Mobile homes in group"; "Other buildings vandalized or with interior exposed"; "Bars on windows of building"; "Condition of streets"; and "Trash, litter, or junk on streets or any properties."

1989. Because of the methods for weighting the sample in 1989 and later odd-numbered years, the weighted totals in odd-numbered years for a few items are different from the rest of the items. These are as follows: "Stories in structure"; "External building conditions"; "Description of area within 300 feet"; "Age of other residential buildings within 300 feet"; "Mobile homes in group"; "Other buildings vandalized or with interior exposed"; "Bars on windows of building"; "Condition of streets"; and "Trash, litter, or junk on streets or any properties." In odd-numbered years, other items use a combined metropolitan/national (national is only conducted in odd numbered years) weighted sample; the above items only use a metropolitan weighted sample. See appendix B for a complete description of combined weighting.

Condition of Streets

1987 and 1989. See the discussion under the topic "Buildings and Neighborhood."

Current Interest Rate

1990. In 1990, a processing error was discovered and corrected involving the computation of the median for the item "Current interest rate." The medians presented in the 1989 and earlier reports are calculated incorrectly. However, the data distributions are correct and can be used to compute corrected medians.

Description of Area Within 300 Feet

1987 and 1989. See the discussion under the topic “Buildings and Neighborhood.”

1992. In 1992, two programming errors were discovered and corrected involving the observation item “description of area within 300 feet.” The first error was that the stub line “Only single-family detached” was tallied incorrectly since the redesign of the survey (1984). Therefore data from 1984 through 1991 are not comparable with data for 1992 and beyond. The second error was that the stub line “Not observed or not reported” was incorrectly tallied from 1986 through 1991. Data for this stub line from 1986 through 1991 are not comparable with data for 1992 and beyond.

Education

1995. In the 1995 American Housing Survey, the question was revised to include educational equivalency of high school categories and additional vocational training, as well as graduate or professional degrees in order to be consistent with the census and other surveys.

External Building Conditions

1987 and 1989. See the discussion under the topic “Buildings and Neighborhood.”

Head of Household/Householder

1980. Beginning in 1980, the concept head of household was dropped and replaced by householder. The head of household was the person regarded as the head by the respondent. However, if a married woman living with her husband was reported as the head, her husband was considered the head. The householder is the first household member listed by the respondent who is 18 years old or over and is an owner or renter of the sample unit.

Heating Equipment

1990. Beginning in 1990, the heating equipment questions were revised to improve the reporting of electric heat pumps as a heating source. Previously, the questionnaire item dealing with the type of heating equipment underreported electric heat pumps. The respondents often answered yes to the first option of “a central warm-air furnace with air vents or ducts to the individual rooms” and did not proceed to the option of “electric heat pump.” The questionnaire item was revised to determine if the central air system is actually a heat pump or another type of warm-air furnace.

Homeowner Association Fee

1995. See the discussion under the topic “Other Housing Cost per Month.”

Housing Costs and Value

1984. Beginning in the 1984 AHS-MS; value, mortgage data, and taxes are shown of all owners; rent for all renters; and utilities for all of both groups. From 1974 through 1983, these items were shown only for “specified” owners and renters. For comparability, table 19 in each chapter of the series H170 reports still shows data separately for “specified” owners and renters. “Specified” homes exclude 1-unit buildings on 10 or more acres, and owners in building with 2 or more units or with a business or medical office on the property.

Also in 1984 the terminology in the books changes. The new term “Monthly housing costs” includes the old terms “Selected monthly housing costs” for owners, “Gross rent” for renters, and “Contract rent” for vacant for-rent units.

1989. See the discussion under the topic “Utilities.”

1990. See the discussion under the topics “Income” and “Monthly Housing Costs.”

Housing Unit Definition

1984. Beginning with the 1984 AHS-MS there are one major and two minor differences in the housing unit definition. The major difference is that vacant mobile homes are included in the inventory beginning with the 1984 AHS-MS. Prior to 1984, such units were not counted. These units should not be considered when estimating inventory change between the AHS-MS surveys in 1984 and beyond and the 1974 through 1983 AHS-MS surveys. A minor difference in the definition is the 1973 through 1983 requirement that a housing unit must have either direct access from the outside or through a common hallway, or complete kitchen facilities for the exclusive use of the occupants. In 1984, the complete kitchen facilities alternative was dropped with direct access required of all units. A second minor difference is in the definition of group quarters. In the 1973 through 1983 AHS-MS, a housing unit containing 5 or more persons unrelated to the householder was considered to be group quarters. In 1984, the cutoff was raised to 9 or more persons unrelated to the householder.

Income

1984. See the discussion under the topic “Poverty.”

1990. Two new items in 1990 and later years replace similar items that were published in 1989 and earlier years. 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 1989 and earlier years, 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 prior years’ data with 1990 and later years because of the differences in the definitions. For most households, current income is the same as income in the last 12 months. A study of data from the 1989 American Housing Survey National Survey showed that the two types of income were the same for 83 percent of total households, 86 percent of the owners, and 76 percent of the renters.

Kitchen

1984. Beginning in 1984, short questions are asked about each aspect of a complete kitchen (questions 27, 36a, 38a, 38b2). Previously only one long question was asked. The new approach finds more homes missing some part of the kitchen than the old question did. Also, in vacant units, the definition was changed. Previously, if the respondent said the kitchen was incomplete, but the future tenant would be expected to complete it (for example bring a refrigerator), as is the practice in some areas, such a kitchen was counted as complete. Starting in 1984, such kitchens are counted as incomplete.

1984 to present. In the 1984 through 1990 AHS-MS, an oven was required for a housing unit to have “complete kitchen facilities.” In the 1985 through 1990 reports, the “complete kitchen facilities” definition in appendix A is incorrect. The definition does not require an oven even though the data in the tables do require an oven. In the 1991 through 1993 AHS-MS, an oven was not required for a unit to have “complete kitchen facilities.” An oven is required for “complete kitchen facilities” in 1994. Therefore, data from 1994 and 1984 through 1990 are comparable. These data (1994 and 1984 through 1990) are not, however, comparable to data from 1991 through 1993.

Married-Couple Families

1985. It was discovered that the published 1984 estimates of married-couple families with no nonrelatives were overestimates as a result of an error in processing. There were a few two-or-more person households with nonrelatives which were tabulated as married-couple families with no nonrelatives. They should have been counted under two-or-more person households as either other male or other female householder. This error was corrected in 1985.

Mobile Homes

1984. See discussion under the topic “Housing Unit Definition.”

Monthly Housing Costs

1984. See the discussion under the topic “Housing Costs and Value.”

1990. In 1990, monthly housing costs questions for renters were revised to improve the reporting of actual rental costs. Prior to 1990, the questionnaire reflected the total amount reportedly paid for monthly rental costs. These amounts may have included the partially subsidized amount provided by the public housing authority, the Federal government, or State and local governments. The current questionnaire identifies those rental units that are subsidized and allows households to report only the costs they actually paid. The new procedures in 1990 produce lower and more accurate estimates.

See the discussion under the topic “Income.”

Name Change

1984. In 1984, the AHS-MS changed its name from the Annual Housing Survey to the American Housing Survey. See the introduction of this appendix.

Neighborhood

1987 and 1989. See the topic “Buildings and Neighborhood.”

New Construction

1984. Beginning in 1984 the characteristics of new construction units are based on units constructed during the last 4 years. Prior to 1984, characteristics of new construction were based on units built since the last survey, which varied from being a 3- to 4-year period.

Other Buildings Vandalized or With Interior Exposed

1987 and 1989. See the topic “Buildings and Neighborhood.”

Plumbing Facilities

1984 and 1990. Although published in the 1984 survey, the data on plumbing facilities were incorrect. For this reason the data were suppressed in the 1985 through 1989 surveys. Beginning in 1990 the data are shown. The changes in the 1984 redesigned questionnaire that resulted in serious deficiencies in these data were corrected in 1990. In the 1974 through 1983 AHS-MS, respondents were asked a question on complete plumbing facilities that specified to the respondents 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 1984 AHS-MS, respondents were first asked how many bathrooms they had. If they answer one or more bathrooms, questions on plumbing facilities were not asked; the unit was assumed to have complete plumbing facilities for exclusive use. Although the definition of a bathroom still required hot and cold piped water, a sink, a flush toilet, and a bathtub or shower, this definition was not read to the respondent as it was before 1984. Also, nothing in the question requires the bathroom to be only for the use of the occupants of the sample unit (exclusive use). We believe that the 1984 AHS-MS was counting 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 AHS data from previous years, we believe that “completeness” was more of a problem than “exclusive use.”

In the 1990 AHS, the questionnaire items on bathrooms and plumbing were modified to provide more accurate estimates. Respondents were asked, “How many full bathrooms with a sink, 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 for exclusive use are included in the count of units with severe physical problems. The number of units with severe physical problems may have been underestimated in 1984 through 1989. It also appears the units with moderate problems may have been overestimated.

Poverty

1984. Beginning in 1984 the AHS-MS provides housing characteristics for households with income below the poverty level. The AHS poverty data are not comparable to poverty data published from the Current Population Survey (CPS).

In general, AHS estimates of poverty are higher than the CPS estimates. Research indicates that the AHS slightly underreports income when compared with the CPS, thus overreporting poverty. Furthermore, the problem seems to be concentrated among elderly households. A detailed discussion of AHS poverty data is presented in the Census Bureau memorandum for the record, “AHS Poverty Data, 1985 to 1989.” A detailed discussion of AHS income data is presented in the Census Bureau memorandum for the

record, “Comparison of the 1989 AHS and CPS Income Reporting.” Copies of these memoranda can be obtained by writing to the Housing and Household Economic Statistics Division, Bureau of the Census, Washington, DC 20233.

We wish to remind analysts that poverty data are published in the AHS not as an official count of households in poverty, but to show the housing characteristics of low-income households.

Questionnaire

1984. A new questionnaire was introduced in the 1984 AHS-MS. Most of the changes on the questionnaire were made to improve the quality of the data. As a result of these changes, however, several items in the 1984 AHS-MS and later are not comparable to similar data for 1974 through 1983. A discussion of each item can be found under the topic of the same name. A list of items changed on 1984 questionnaire follows:

- Units in structure
- Rooms in unit
- Plumbing facilities
- Kitchen
- Recent movers

A number of new items were introduced in the 1984 AHS-MS including lot size, square footage, units with severe or moderate problems, elderly householder, heating degree days, and detailed information on mortgages, etc. For detailed definitions of these and other items, please see appendix A.

1995. A number of new items were introduced on the 1995 questionnaire to improve the quality of the data. A list of new items on the 1995 questionnaire follows:

- Homes currently for sale or rent
- Safety of primary source of water
- Source of drinking water
- Home equity loan

For detailed definitions of these new items, please see appendix A.

Recent Movers

1984. In the 1984 AHS-MS and later, some of the data for recent movers are based on the householder’s characteristics and some are based on characteristics of the AHS

respondent who may or may not be the householder. Before 1984, all recent-mover data were based on the householder's characteristics.

Rent Control

1988. In 1988 the computer edits were changed for units reporting rent control. The States of California, Connecticut, New Jersey, New York, and Massachusetts, as well as the District of Columbia, are the only States which have metropolitan areas with rent control. If a respondent answered "yes" to rent control in a metropolitan area not in one of the above mentioned States, the answer was edited to "no" in 1988 and beyond. Answers of "yes" to rent control in metropolitan areas not in one of the above mentioned States in survey years prior to 1988 are errors.

Rooms in Unit

1984. In the 1974 through 1983 AHS-MS, respondents answered a single question asking for a total count of rooms in a unit. The potential to miss specific rooms is high in a question of this type. In the 1984 AHS-MS and beyond, 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 should be missed in this series of questions. Based on research done for the 1985 American Housing Survey National Sample (AHS-N), it is assumed that the 1974 through 1983 AHS-MS estimates of one- and two-room units are too high, resulting in low estimates for median number of rooms in many metropolitan areas.

Sample

1984. A new sample was not chosen for the AHS-MS in 1984 and beyond (except for the Houston, TX area PMSA's in 1987) as was done in the 1985 AHS-N. However, most metropolitan areas had added counties to their definitions by 1983 and additional sample cases were drawn from the 1980 census to represent these counties. Therefore, each of the metropolitan areas surveys in 1984 and beyond has one of three types of samples:

- Areas of the same geographic area as defined for surveys before 1984 with the sample selected from the 1970 census and updated for change since then.
- Areas with new counties added. The old counties have sample selected from the 1970 census updated for change. The new counties have sample selected from the 1980 census updated for change.
- Houston, TX which had a completely new sample selected in 1987.

The data for metropolitan areas with counties added in the 1984 AHS-MS surveys and beyond are not comparable to data published for the 1974 through 1983 metropolitan surveys because of the additional counties.

1995. Beginning in 1995, the sample for six of the metropolitan areas (Chicago, IL PMSA; Detroit, MI PMSA; Los Angeles-Long Beach, CA PMSA; New York, NY PMSA's; Northern New Jersey PMSA's; and Philadelphia, PA-NJ PMSA) are subsets of the AHS national sample which was chosen from the 1980 census and updated to include housing units added since that time.

Severe and Moderate Problems

1990. The data concerning units with severe and moderate problems in 1990 and beyond are not comparable with similar data published in 1984 through 1989. See the discussion under the topic "Plumbing Facilities." 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 during the 1984 through 1989 time period. During the same time period, units with moderate problems may have been overestimated.

Source of Water

1992. In 1985 to 1991, respondents were asked if the source of water for their homes was a public or private system, an individual well, or some other source. Interviewer instructions specified that the question was concerned about the water used for cooking and drinking. This instruction was not read to the respondent. In 1992, the question changed and the interviewer instruction became part of the question. From 1992 forward, there has been an increase in the number of units reporting other source of water as compared to 1991 and earlier. We feel this change was caused by the wording change in 1992. Therefore, data from 1985 to 1991 and 1992 and later should be compared with caution.

1995. In 1995, the title of this item changed to "Primary Source of Water," and the usage restriction "for cooking and drinking" was deleted from the question.

Statistical Areas

1995. Beginning in 1995, the item "Statistical Areas" is no longer published because of the complexity of matching geographic files over long periods of time.

Stories in Structure

1987 and 1989. See the discussion under the topic "Buildings and Neighborhood."

Trash, Litter, or Junk on Streets or Any Property

1987 and 1989. See the discussion under the topic “Buildings and Neighborhood.”

Units in Structure

1984. In the 1974 through 1983 AHS-MS, data on units in structure were based on the respondent’s answer to one question, “How many living quarters, both occupied and vacant, are there in this house (building)?” In the 1984 AHS-MS and beyond, data on units in structure were based on the respondent’s answers to a series of questions (see items 20 through 23 on page 3 of the questionnaire in appendix A). The method of collecting units-in-structure data was revised as previous AHS experience showed the concept to be difficult for the respondents. Respondents particularly had difficulty distinguishing between single-family attached and multi-unit structures. As a result of this change, the estimated number of one-unit attached structures declined in some MSA’s between interview dates of 1984 and later compared to interview dates prior to 1984. It is estimated that 1974 through 1983 AHS-MS surveys, on average, overestimated the numbers of one-unit attached structures by approximately 25 percent. The level of overestimation may vary significantly between metropolitan areas. Units incorrectly classified as one-unit attached in previous survey years are, in 1984 and beyond, correctly classified as being in multi-unit structures.

Utilities

1989. Beginning in 1989, two procedures were introduced that attempt to correct the overreporting of electricity and gas costs in the AHS-MS. 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 done using the 1987 AHS National Survey 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.

1993. Beginning in 1993, the procedures introduced in 1989 were improved and expanded from two to three procedures. All respondents were asked if they had records available showing their costs for electricity (or gas) separate from other utilities. If they responded “yes,” they were asked the amount of their electricity (or gas) bill for the most recent months of January, April, August, and December. These months were the best predictors of annual costs. Depending on the number of months for which data were provided, one of two procedures was used. If the respondents answered “no” to the original question (that is, they did not have separate records for the electricity or gas), a third procedure was used. On average, more than one-third of the respondents provided answers for at least 1 of the 4 months.

If the respondent provided data for only 1 month, the first procedure was used. The data for the month were adjusted using regression formulas to estimate yearly costs which were then divided by 12. These formulas were modeled after the results of the Residential Energy Consumption Survey (RECS) sponsored by the United States Department of Energy. These formulas took into account the following characteristics of the unit: electric home heating, natural gas home heating, electric water heating, natural gas water heating, year built, type of unit, number of rooms, number of bathrooms, number of appliances, and number of household members.

The second procedure was applied if the respondent provided data for 2, 3, or 4 months. As with the first procedure, the monthly data were adjusted using regression formulas, modeled after the results of RECS, to estimate yearly costs which were then divided by 12. Because more than 1 month’s worth of real costs were available, it was not necessary to take into account detail characteristics of the unit as was done in the first procedure.

If the respondent answered “no” that he or she did not have separate records for the electricity (or gas), the third procedure was used. The respondent was asked to provide an estimate of the average monthly costs. A factor was then applied that, in effect, lowered these costs to make them consistent with electricity and gas costs in RECS.

Before 1989, respondents were only asked to provide an estimate of average monthly costs. Research done using the 1993 AHS National Survey has shown that this approach produces 0 to 10 percent overestimates of electricity costs and 15 to 25 percent overestimates of gas costs. New procedures introduced in 1989 produced lower and more accurate estimates. In 1993, these new procedures were improved and expanded from two to three procedures.

Vacant Units

1984. See the discussions under the topic “Housing Unit Definition.”

Weighting

General. There are many stages in the weighting process. For example there are adjustments that account for the fact that interviews are not successfully completed at all housing units (noninterview adjustments). To fully understand the weighting for any given AHS-MS survey year, the reader must read appendix B in the H170 reports for the year of interest. The following is a brief description of changes by year in the last stage of weighting, the independent estimates or control totals. The independent estimates determine what the total count of housing units will be for a given MSA. As a general rule, the independent estimates from 1989 and beyond, which reflect the results of the 1990 census, are lower than those for 1979 through 1988, which reflect the results of the 1980 census. The independent estimates for 1974 and 1975, which reflect the results of the 1970 census, are also lower than those used from 1979 through 1988. From 1976 through 1978 no independent estimates were used in the weighting except for the Pittsburgh metropolitan area (which used independent estimates based on the 1970 census). How the counts of housing units in metropolitan areas surveyed during the 1976 through 1978 time period compare to other time periods is not known. Therefore, estimates of the total number housing units in a given metropolitan area in one of the four time periods (1974 and 1975, 1976 through 1978, 1979 through 1988, and 1989 and beyond) are not comparable to estimates for the same metropolitan area in a different time period. The effects of changes to independent estimates are, however, proportionately distributed among all types of housing units. Therefore, the comparison of percents and medians for areas before 1989 to percents and medians in 1989 and later is valid.

1974 and 1975. The independent estimates reflected the results of the 1970 census plus change since then. Change was based on administrative records provided by utility companies. If such records were not available, permit data from the Bureau's Survey of Construction were used.

1976 through 1978. Except for the Pittsburgh metropolitan area in 1977, no independent estimate was used. After the preliminary weighting procedures were applied, the surveys' estimates of total housing units were accepted. In the 1977 Pittsburgh survey, the independent estimate reflected the results of the 1970 census with administrative utility company records measuring change since 1970.

1979 and 1980. The independent estimate was the result of interpolation between the 1970 and 1980 censuses.

1981 through 1983. During this time period, an independent estimate was prepared for each metropolitan area. It was based on the results of the 1980 census plus change since then. Change was based on estimates of building permits and demolition permits obtained for the Bureau's Survey of Construction. Research was then conducted, often by talking to local officials, as to whether the independent estimates or the survey estimates of total housing units were the most reasonable. In the majority of the metropolitan areas, the independent estimates were used. However, in a significant proportion of the areas, survey estimates were used.

1984 through 1988. All metropolitan areas outside the State of California used an independent estimate based on the "population per household method." Essentially this method starts with the 1980 census results and updates them based on change in the population by county and the change in population per households by State. This method is described in the *Proceedings of the Bureau of the Census Second Annual Research Conference*, March 23-26, 1986, pages 83-110. For metropolitan areas inside the State of California, independent estimates were derived from data provided by the State of California, Department of Finance.

1989. Independent estimates were derived by interpolation between the 1985 county estimates of households produced by the Census Bureau (the 1984 through 1988 AHS method) and the 1990 census.

1990. Independent estimates were derived by extrapolation using the 1980 census and the 1990 census.

1991 to Present. The independent estimates reflect the adjusted housing unit counts from the 1990 census plus change since then. Change was based on data from the Bureau's Survey of Construction and Survey of Mobile Home Placements, as well as data produced by the Bureau on the number of vacant units in the country and the number of units lost during the time periods involved.

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. Worse errors from wrong answers and from incomplete data, which apply to some items, are discussed in the next paragraphs.

Wrong or inconsistent answers. Wrong answers happen because people misunderstand questions, cannot recall the correct answer, or do not want to give the right answer. Table G shows which items have been measured for 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 for some items. The Census Bureau categorizes these levels of inconsistency into three ranges: (1) less than 20 is considered a low level of inconsistency; (2) between 20 and 50 is considered a moderate level of inconsistency; and (3) greater than 50 is considered a high level of inconsistency indicating that responses are not reliable. 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 G 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-MS and the AHS-N samples represents a large number of other homes. However, because of incomplete sampling lists (that is, undercoverage) the homes in the survey do not represent all homes in this metropolitan area. 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 an accounting of changes since then. The approximate housing unit undercoverage rates for the metropolitan areas in 1995 range from less than 1 percent to 7.8 percent. The approximate housing unit undercoverage rates for the metropolitan areas in 1996 range from 1 percent to 3.0 percent. Table A lists units that have known coverage deficiencies.

Table A. **Undercoverage Units**

Type of unit	Reason for undercoverage
Mobile homes.....	Poor coverage of new mobile home parks in permit-issuing areas
Conventional new construction.....	Permits issued less than 8 months before interviewing are not considered
New construction in special places	Not covered in either permit-issuing or nonpermit-issuing areas
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
Conversions from nonresidential units	Nonresidential units at the time of the census which converted to residential units were missed

Incomplete data. Incomplete data happen because sampling lists are incomplete; and because people refuse the interview or some of the questions, or do not know answers. Table B shows, for the 1995 AHS-National sample, some of the items that have the least complete data for all occupied units and for those below the poverty level. The rates in Table B indicate what percent of the publication estimates are based on actual responses. 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 according to rules developed by subject matter specialists. 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 (there are about 100 million homes 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

Table B. Selected Completeness Rates for the American Housing Survey—1995 National Sample

Characteristics	Total occupied units	Units below poverty level
Total outstanding principal amount	44	28
Income sources of families and primary individuals	46	50
Current total loan as percent of value	48	44
Land rent fee	55	–
Mobile home park fee	59	–
Mobile home site placement	61	64
Ratio of value to current income	62	39
Lot size	64	51
Annual taxes paid per \$5,000 value	64	48
Current interest rate	65	47
Monthly housing costs as percent of income	65	55
Monthly payment for principal and interest	70	55
Income of families and primary individuals	71	62
Light fixtures in public halls	71	71
Previous occupancy	71	62
Household income as percent of poverty level	71	63
Remaining years mortgaged	71	61
Units using each fuel	71	64
Household income	71	63
Average monthly cost for real estate taxes	72	63

– Means not applicable or sample too small.

true. Thus it is not surprising that large nonsampling errors are possible when the survey has data for only 50-90 percent of homes for particular items.¹ Again readers should be wary of items likely to have highly incomplete data.²

Effect on income. The nonsampling errors interact particularly badly for income. Income questions are inconsistently answered (Table G), incompletely answered (Table B), and the totals fall short of totals known from the National Income Accounts, especially for the elderly.

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

¹For a table of completeness rates for all items in the 1995 AHS-National sample, see appendix D, Table 2, in *American Housing Survey for the United States in 1995* (H150/95).

²Statistical note: The November 1990 paper, “How Response Error, Missing Data and Undercoverage Bias Survey Data,” estimates that 90 percent of errors from incomplete data are less than: $200 + .058 \times (\text{lesser of } A \text{ or } 100,000 - A)$, 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,” order number HUD-6458, is available from HUD User at the address in “Explanations and Cautions” at the front of this book.

units had been interviewed, under the same conditions, rather than only a sample. A confidence interval is a range which contains the actual estimate with a specified probability.)

Counts. Most numbers in this book are counts of housing units (for example, units with basements or units with an elderly person). These counts have error from sampling. Tables C1 to C3 give a convenient list of errors for a range of numbers. These errors are an underestimate for mobile home items. To get a more accurate answer, use the appropriate formula shown in Table D. As with the other types of errors, readers should be wary of numbers with large errors from sampling.

The letter “A” in the formulas represents the publication estimate. These estimates are given in thousands and should be used in the formulas as given; do not add zeros.

Ranges of 90 and 95 percent are commonly used. The range of error is also referred to as the confidence interval since there is a certain level of confidence the actual value is within the interval.

For example, suppose there are 320,000 owner-occupied housing units in the Charlotte, NC MSA (that is, A=320). We can apply the appropriate formula from Table D to obtain a 90-percent confidence interval.

$$1.64 \times \sqrt{(.150 \times 320) - (.000278 \times 320 \times 320)} = 7.2$$

The 90-percent confidence interval can then be formed by adding and subtracting this error to the survey estimate of 320 (that is, 320 ± 7.2). Statements such as the actual value is in the range 320 ± 7.2 (312.8 to 327.2) are right 90 percent of the time and wrong 10 percent of the time.

Percents. The reliability of an estimated percentage, computed by using the sample data for both numerator and denominator, depends upon both the size of the percentage and the size of the total upon which the percentage is based. Estimated percentages are more reliable than the corresponding estimates of the numerators of the percentages.

To obtain a 90-percent confidence interval associated with a percentage use the appropriate formula in Table E.

The “p” is the estimated percentage, and the “A” is the base (denominator) of the percentage.

For example, the error from sampling for a 90-percent confidence interval for 40 percent of 320 (meaning 320,000) is:

$$1.64 \times \sqrt{\frac{.150 \times 40 (100 - 40)}{(320)}} = 1.7$$

Consequently, there is a 90-percent chance we’d be correct if we concluded that the actual proportion is within the range 40 ± 1.7 , or 38.3 to 41.7 percent.

Note that when a ratio C/D is computed where C is not a subgroup of D (for example the number of Hispanics as a ratio of the number of Blacks) the error from sampling is different. The error from sampling for a 90-percent confidence interval for a ratio C/D is:

$$C/D \times \sqrt{((\text{error for C})/C)^2 + ((\text{error for D})/D)^2}$$

Medians. The following steps calculate the error from sampling for a 90-percent confidence interval for medians. For medians with small bases use the more accurate approach in Table H.

Table C1. 1995 AHS-MS Errors From Sampling to Compute a 90-Percent Confidence Interval

Size of estimate	Charlotte, NC-SC MSA	Columbus, OH MSA	Denver, CO PMSA	Kansas City, MO-KS MSA	Miami-Ft. Lauderdale, FL CMSA	New Orleans, LA MSA	Pittsburgh, PA MSA	Portland, OR-WA PMSA	San Antonio, TX MSA
0	0.2	0.2	0.2	0.2	0.4	0.2	0.3	0.2	0.1
1	0.6	0.7	0.7	0.7	1.0	0.7	0.8	0.7	0.6
5	1.4	1.5	1.6	1.6	2.3	1.5	1.9	1.6	1.4
10	2.0	2.1	2.3	2.3	3.3	2.1	2.7	2.2	1.9
25	3.1	3.3	3.6	3.6	5.2	3.2	4.2	3.5	3.0
50	4.3	4.5	5.0	4.9	7.3	4.4	5.8	4.8	4.1
75	5.1	5.4	6.0	5.9	8.8	5.3	7.0	5.8	4.9
100	5.7	6.1	6.8	6.7	10.1	5.9	8.0	6.5	5.5
300	7.3	8.2	9.8	9.6	16.1	7.6	12.4	9.3	7.1
500	3.8	6.2	9.6	8.9	19.0	4.3	13.7	8.5	3.7
700	NA	NA	5.9	2.7	20.1	NA	12.9	1.3	NA
1,000	NA	NA	NA	NA	18.8	NA	5.9	NA	NA
1,200	NA	NA	NA	NA	15.8	NA	NA	NA	NA
1,400	NA	NA	NA	NA	9.3	NA	NA	NA	NA

NA means not applicable.

Table C2. 1995 AHS-National Errors From Sampling to Compute a 90-Percent Confidence Interval

Size of estimate	Chicago, IL PMSA	Detroit, MI PMSA	Los Angeles-Long Beach, CA PMSA	New York-Nassau-Suffolk-Orange, NY PMSA's	Northern New Jersey PMSA's	Philadelphia, PA-NJ PMSA
0	1.1	1.1	1.1	2.4	2.4	1.1
10	5.4	5.4	5.4	7.9	7.9	5.4
25	8.6	8.5	8.6	12.5	12.5	8.5
50	12.1	12.0	12.1	17.7	17.6	12.0
100	16.9	16.7	16.9	24.9	24.6	16.8
300	28.3	27.2	28.4	42.1	40.8	27.4
500	35.1	32.7	35.4	53.1	50.1	33.3
700	39.8	35.6	40.4	61.2	56.1	36.6
1,100	45.4	35.6	46.5	72.7	61.7	38.1
1,200	46.1	34.5	47.4	74.8	62.0	37.5
1,400	46.9	30.4	48.7	78.4	61.3	35.0
2,000	44.3	NA	48.0	84.3	47.5	NA
2,500	34.8	NA	41.8	84.6	NA	NA
3,000	NA	NA	27.2	80.7	NA	NA
3,500	NA	NA	NA	72.0	NA	NA
4,000	NA	NA	NA	56.2	NA	NA
4,500	NA	NA	NA	21.2	NA	NA

NA means not applicable.

Table C3. 1996 AHS-MS Errors From Sampling to Compute a 90-Percent Confidence Interval

Size of estimate	Atlanta, GA MSA	Cleveland, OH PMSA	Hartford, CT MSA	Indianapolis, IN MSA	Memphis, TN-AR-MS MSA	Oklahoma City, OK MSA	Sacramento, CA PMSA	Seattle-Everett, WA PMSA	St. Louis, MO-IL MSA
0	0.4	0.2	0.1	0.2	0.1	0.1	0.2	0.2	0.3
1	1.0	0.8	0.6	0.7	0.6	0.6	0.7	0.8	0.9
5	2.2	1.8	1.3	1.5	1.2	1.3	1.6	1.8	1.9
10	3.1	2.5	1.9	2.1	1.7	1.8	2.3	2.6	2.7
25	4.8	3.9	2.9	3.3	2.7	2.8	3.6	4.0	4.3
50	6.8	5.5	4.0	4.5	3.7	3.8	5.0	5.6	6.0
75	8.2	6.6	4.7	5.4	4.4	4.5	6.0	6.8	7.3
100	9.4	7.5	5.3	6.1	4.9	5.0	6.7	7.7	8.3
300	15.0	11.0	6.2	8.4	5.5	5.6	9.2	11.7	12.8
400	16.6	11.4	4.8	8.2	3.4	3.7	8.8	12.4	13.9
500	17.6	11.2	NA	7.0	NA	NA	7.3	12.6	14.4
700	18.4	8.3	NA	NA	NA	NA	NA	11.2	13.9
900	17.7	NA	NA	NA	NA	NA	NA	6.3	11.3
1,100	15.4	NA	NA	NA	NA	NA	NA	NA	2.2

NA means not applicable.

Table D. Formulas for 90-percent Confidence Intervals¹

MSA	The formula is—
1995 AHS-MS	
Charlotte, NC-SC MSA	
Mobile home estimates	$1.64 \times \sqrt{.240 \times A - (.004134 \times A^2)}$
All other estimates ²	$1.64 \times \sqrt{.150 \times A - (.000278 \times A^2)}$
Columbus, OH MSA	
Mobile home estimates	$1.64 \times \sqrt{.230 \times A - (.013396 \times A^2)}$
All other estimates ²	$1.64 \times \sqrt{.165 \times A - (.000273 \times A^2)}$
Denver, CO PMSA	
Mobile home estimates	$1.64 \times \sqrt{.240 \times A - (.013792 \times A^2)}$
All other estimates ²	$1.64 \times \sqrt{.195 \times A - (.000252 \times A^2)}$
Kansas City, MO-KS MSA	
Mobile home estimates	$1.64 \times \sqrt{.320 \times A - (.016112 \times A^2)}$
All other estimates ²	$1.64 \times \sqrt{.195 \times A - (.000273 \times A^2)}$
Miami-Ft. Lauderdale, FL CMSA	
Mobile home estimates	$1.64 \times \sqrt{.485 \times A - (.009279 \times A^2)}$
All other estimates ²	$1.64 \times \sqrt{.405 \times A - (.000273 \times A^2)}$
New Orleans, LA MSA	
Mobile home estimates	$1.64 \times \sqrt{.245 \times A - (.009613 \times A^2)}$
All other estimates ²	$1.64 \times \sqrt{.160 \times A - (.000292 \times A^2)}$
Pittsburgh, PA MSA	
Mobile home estimates	$1.64 \times \sqrt{.400 \times A - (.008146 \times A^2)}$
All other estimates ²	$1.64 \times \sqrt{.265 \times A - (.000252 \times A^2)}$
Portland, OR-WA PMSA	
Mobile home estimates	$1.64 \times \sqrt{.255 \times A - (.006170 \times A^2)}$
All other estimates ²	$1.64 \times \sqrt{.185 \times A - (.000263 \times A^2)}$
San Antonio, TX MSA	
Mobile home estimates	$1.64 \times \sqrt{.210 \times A - (.006927 \times A^2)}$
All other estimates ²	$1.64 \times \sqrt{.140 \times A - (.000260 \times A^2)}$

Table D. Formulas for 90-percent Confidence Intervals¹—Con.

MSA	The formula is—
1995 AHS-National	
Chicago, IL PMSA	$1.64 \times \sqrt{1.100 \times A - (.000368 \times A^2)}$
Detroit, MI PMSA	$1.64 \times \sqrt{1.100 \times A - (.000610 \times A^2)}$
Los Angeles-Long Beach, CA PMSA	$1.64 \times \sqrt{1.100 \times A - (.000336 \times A^2)}$
New York-Nassau-Suffolk-Orange, NY PMSA's	$1.64 \times \sqrt{2.350 \times A - (.000514 \times A^2)}$
Northern New Jersey PMSA's	$1.64 \times \sqrt{2.350 \times A - (.000965 \times A^2)}$
Philadelphia, PA-NJ PMSA	$1.64 \times \sqrt{1.100 \times A - (.000554 \times A^2)}$
1996 AHS-MS	
Atlanta, GA MSA	
Mobile home estimates	$1.64 \times \sqrt{.530 \times A - (.008276 \times A^2)}$
All other estimates ²	$1.64 \times \sqrt{.355 \times A - (.000250 \times A^2)}$
Cleveland, OH PMSA	
Mobile home estimates	$1.64 \times \sqrt{.395 \times A - (.032639 \times A^2)}$
All other estimates ²	$1.64 \times \sqrt{.235 \times A - (.000283 \times A^2)}$
Hartford, CT MSA	
Mobile home estimates	$1.64 \times \sqrt{.130 \times A - (.000272 \times A^2)}$
Indianapolis, IN MSA	
Mobile home estimates	$1.64 \times \sqrt{.245 \times A - (.009507 \times A^2)}$
All other estimates ²	$1.64 \times \sqrt{.165 \times A - (.000258 \times A^2)}$
Memphis, TN-AR-MS MSA	
Mobile home estimates	$1.64 \times \sqrt{.190 \times A - (.011084 \times A^2)}$
All other estimates ²	$1.64 \times \sqrt{.115 \times A - (.000260 \times A^2)}$
Oklahoma City, OK MSA	
Mobile home estimates	$1.64 \times \sqrt{.205 \times A - (.007711 \times A^2)}$
All other estimates ²	$1.64 \times \sqrt{.120 \times A - (.000269 \times A^2)}$
Sacramento, CA PMSA	
Mobile home estimates	$1.64 \times \sqrt{.300 \times A - (.010041 \times A^2)}$
All other estimates ²	$1.64 \times \sqrt{.200 \times A - (.000320 \times A^2)}$
Seattle-Everett, WA PMSA	
Mobile home estimates	$1.64 \times \sqrt{.365 \times A - (.006640 \times A^2)}$
All other estimates ²	$1.64 \times \sqrt{.245 \times A - (.000254 \times A^2)}$
St. Louis, MO-IL MSA	
Mobile home estimates	$1.64 \times \sqrt{.450 \times A - (.007815 \times A^2)}$
All other estimates ²	$1.64 \times \sqrt{.280 \times A - (.000253 \times A^2)}$

¹The formulas in the text are based on 1.64 times the errors 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 intervals, multiply by 2.58 instead of 1.64.

²Some items (for example, characteristic of total housing units) may involve housing units from both the mobile home and nonmobile home universe. The formulas for all other estimates should be used for these items. The formulas for mobile home estimates should be used for items which only involve housing units from the mobile home universe.

Table E. Formulas for 90-percent Confidence Intervals Associated With a Percentage

MSA and estimates type	The formula is ¹ —
1995 AHS-MS	
Charlotte, NC-SC MSA	
Mobile home estimates	$1.64 \times \sqrt{(.240 \times p \times (100-p))/A}$
All other estimates ²	$1.64 \times \sqrt{(.150 \times p \times (100-p))/A}$
Columbus, OH MSA	
Mobile home estimates	$1.64 \times \sqrt{(.230 \times p \times (100-p))/A}$
All other estimates ²	$1.64 \times \sqrt{(.165 \times p \times (100-p))/A}$
Denver, CO PMSA	
Mobile home estimates	$1.64 \times \sqrt{(.240 \times p \times (100-p))/A}$
All other estimates ²	$1.64 \times \sqrt{(.195 \times p \times (100-p))/A}$
Kansas City, MO-KS MSA	
Mobile home estimates	$1.64 \times \sqrt{(.320 \times p \times (100-p))/A}$
All other estimates ²	$1.64 \times \sqrt{(.195 \times p \times (100-p))/A}$
Miami-Ft. Lauderdale, FL CMSA	
Mobile home estimates	$1.64 \times \sqrt{(.485 \times p \times (100-p))/A}$
All other estimates ²	$1.64 \times \sqrt{(.405 \times p \times (100-p))/A}$
New Orleans, LA MSA	
Mobile home estimates	$1.64 \times \sqrt{(.245 \times p \times (100-p))/A}$
All other estimates ²	$1.64 \times \sqrt{(.160 \times p \times (100-p))/A}$
Pittsburgh, PA MSA	
Mobile home estimates	$1.64 \times \sqrt{(.400 \times p \times (100-p))/A}$
All other estimates ²	$1.64 \times \sqrt{(.265 \times p \times (100-p))/A}$
Portland, OR-WA PMSA	
Mobile home estimates	$1.64 \times \sqrt{(.255 \times p \times (100-p))/A}$
All other estimates ²	$1.64 \times \sqrt{(.185 \times p \times (100-p))/A}$
San Antonio, TX MSA	
Mobile home estimates	$1.64 \times \sqrt{(.210 \times p \times (100-p))/A}$
All other estimates ²	$1.64 \times \sqrt{(.140 \times p \times (100-p))/A}$
1995 AHS-National	
Chicago, IL PMSA	$1.64 \times \sqrt{(1.100 \times p \times (100-p))/A}$
Detroit, MI PMSA	$1.64 \times \sqrt{(1.100 \times p \times (100-p))/A}$
Los Angeles-Long Beach, CA PMSA	$1.64 \times \sqrt{(1.100 \times p \times (100-p))/A}$
New York-Nassau-Suffolk-Orange, NY PMSA's	$1.64 \times \sqrt{(2.350 \times p \times (100-p))/A}$
Northern New Jersey PMSA's	$1.64 \times \sqrt{(2.350 \times p \times (100-p))/A}$
Philadelphia, PA-NJ PMSA	$1.64 \times \sqrt{(1.100 \times p \times (100-p))/A}$

Table E. Formulas for 90-percent Confidence Intervals Associated With a Percentage—Con.

MSA and estimates type	The formula is ¹ —
1996 AHS-MS	
Atlanta, GA MSA	
Mobile home estimates	$1.64 \times \sqrt{(.530 \times p \times (100-p))/A}$
All other estimates ²	$1.64 \times \sqrt{(.355 \times p \times (100-p))/A}$
Cleveland, OH PMSA	
Mobile home estimates	$1.64 \times \sqrt{(.395 \times p \times (100-p))/A}$
All other estimates ²	$1.64 \times \sqrt{(.235 \times p \times (100-p))/A}$
Hartford, CT MSA	
Mobile home estimates	$1.64 \times \sqrt{(.130 \times p \times (100-p))/A}$
Indianapolis, IN MSA	
Mobile home estimates	$1.64 \times \sqrt{(.245 \times p \times (100-p))/A}$
All other estimates ²	$1.64 \times \sqrt{(.165 \times p \times (100-p))/A}$
Memphis, TN-AR-MS MSA	
Mobile home estimates	$1.64 \times \sqrt{(.190 \times p \times (100-p))/A}$
All other estimates ²	$1.64 \times \sqrt{(.115 \times p \times (100-p))/A}$
Oklahoma City, OK MSA	
Mobile home estimates	$1.64 \times \sqrt{(.205 \times p \times (100-p))/A}$
All other estimates ²	$1.64 \times \sqrt{(.120 \times p \times (100-p))/A}$
Sacramento, CA PMSA	
Mobile home estimates	$1.64 \times \sqrt{(.300 \times p \times (100-p))/A}$
All other estimates ²	$1.64 \times \sqrt{(.200 \times p \times (100-p))/A}$
Seattle-Everett, WA PMSA	
Mobile home estimates	$1.64 \times \sqrt{(.365 \times p \times (100-p))/A}$
All other estimates ²	$1.64 \times \sqrt{(.245 \times p \times (100-p))/A}$
St. Louis, MO-IL MSA	
Mobile home estimates	$1.64 \times \sqrt{(.450 \times p \times (100-p))/A}$
All other estimates ²	$1.64 \times \sqrt{(.280 \times p \times (100-p))/A}$

¹These formulas are equivalent to $1.64 \times \sqrt{(p \times (1 - p)) / n}$. For example, for all other estimates in the Charlotte, NC-SC MSA, .15/A adjusts the data to the effective sample size.

²Some items (for example, characteristic of total housing units) may involve housing units from both the mobile home and nonmobile home universe. The formulas for all other estimates should be used for these items. The formulas for mobile home estimates should be used for items which only involve housing units from the mobile home universe.

Table F. How to Compute a 90-Percent Confidence Interval for a Median

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	297.3	_____
What are the end-points of the category the median is in?	X - Y	\$600-699	_____
What is the width of this category (in dollars, rooms, or whatever the item measures)?	W	\$100	_____
How many housing units are in this median category (in thousands)?	B	21.6	_____
Then the error from sampling for the median is approximately: ¹	$\frac{K \times W \times \sqrt{A}}{B}$	$\frac{.318 \times 100 \times \sqrt{297.3}}{21.6}$ = \$25	_____
The 90-percent confidence interval for the median is:	$\text{median} \pm \frac{K \times W \times \sqrt{A}}{B}$	median ± \$25	_____

¹The appropriate value for K is obtained by multiplying the numerator of the formula for computing the error from sampling for 50 percent by a factor of .01. Refer to table E for the appropriate formula. For example, for estimates consisting of only mobile homes in the Charlotte, NC-SC MSA, $k = .01 \times (1.64 \times \sqrt{.240 \times 50 \times 50}) = .402$ and for all other estimates in Charlotte, $K = .318$.

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:

Formula³

$$\sqrt{(\text{error for first number})^2 + (\text{error for second number})^2}$$

For example, if the first number is 40 with an error of 24 and the second number is 52 with an error of 26, then the 90-percent confidence interval error for this difference of 12 is:

$$12 \pm \sqrt{24^2 + 26^2}$$

$$= 12 \pm 35$$

Since the interval does include zero, these two numbers are not statistically different.

³Error for the first number should be interpreted as the error for a 90-percent confidence interval for the first number. Likewise, error for the second number should be interpreted as the error for a 90-percent confidence interval for the second number.

Table G. 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)
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)

Table G. Different Answers a Month Apart—Con.

Item	When measured ¹	Level of inconsistency	Confidence interval ²
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 (4 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, 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]
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]

Table G. Different Answers a Month Apart—Con.

Item	When measured ¹	Level of inconsistency	Confidence interval ²
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 (MS) Survey and 81-N means that the item was measured during the 1981 AHS-National (N) Survey.

²Confidence intervals enclosed by square brackets are at the 90-percent confidence level, all others are at the 95-percent confidence level. The confidence intervals for the years prior to 1989 have a confidence 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 confidence level for all testing.

Table H. Calculation of the 90-Percent Confidence Interval for Medians

The following steps calculate the 90-percent confidence interval for medians. First we give some cost data to work with (all numbers are in thousands):

		Cumulative number of housing units
Total housing units	321.6	
Less than \$500	109.3	109.3
\$500 to \$599	24.7	134.0
\$600 to \$699	21.6	155.6
\$700 to \$799	28.9	184.5
\$800 or more	112.8	297.3
Not reported	24.4	
Median	\$668	

Item	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 "no cash rent")?	A	297.3	_____		
Half the total, for the median (in thousands)	A/2	148.65	_____		
Error from sampling for 50 percent of the base of this median (1st line) ¹	$31.8/\sqrt{A}$	1.84	_____		
Multiply this percentage error by .01 to turn it into a fraction and by total units to give the error in housing units	$.318\sqrt{A}$	5.48	_____		
Bottom of error range (2nd line minus 4th line, in thousands)	B _{bottom}	*143.17	_____		
Top of error range (2nd line plus 4th line, in thousands)	B _{top}			*154.13	_____
* 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?		\$600-699	_____	\$600-699	_____
How many housing units are in all the categories before this one (in thousands)?	C	134.0	_____	134.0	_____
How many housing units are in this category (in thousands)	D	21.6	_____	21.6	_____
What is the bottom limit of this category (in dollars, rooms, or whatever the item measures)?	E	\$600	_____	\$600	_____
What is the bottom limit of the next category (in dollars, rooms, etc)?	F	\$700	_____	\$700	_____
Formula to calculate limits of confidence interval	$\frac{(B-C)}{D}(F-E)+E$	$\frac{(143.17 - 134.0)}{21.6}(100)+600$		$\frac{(154.13 - 134.0)}{21.6}(100)+600$	
Limits of confidence interval (in dollars, rooms, etc.)		\$642		\$693	

¹Statistical note: This formula is based on the error from sampling for 50 percent (using the appropriate formula, $1.64 \times \sqrt{.240 \times 50 \times (100 - 50)/A} = 40.2/\sqrt{A}$ for medians involving estimates of only mobile homes in Charlotte, NC-SC MSA. For medians involving all other estimates in the Charlotte, NC-SC MSA, use $31.8/\sqrt{A}$. Refer to Table F for the appropriate formula.

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Selected Subareas for Publication for 1995

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Mecklenburg County, NC
Gaston County, NC
York County, SC

CHICAGO, IL AREA PMSA'S

Chicago city
Balance of Cook County (exclude Chicago city)
Dupage County

COLUMBUS, OH MSA

Columbus city
Balance of Franklin County (exclude Columbus city)
Licking County

DENVER, CO PMSA

Denver city
Jefferson County
Arapahoe County

DETROIT, MI PMSA

Detroit city
Balance of Wayne County (exclude Detroit city)
Oakland County

KANSAS CITY, MO-KS MSA

Kansas City city, MO
Kansas City city, KS
Balance of Jackson County, MO (exclude Kansas City city, MO)

LOS ANGELES-LONG BEACH, CA PMSA

Los Angeles city
Long Beach city
Balance of Los Angeles County (exclude Los Angeles city and Long Beach city)

MIAMI-FT. LAUDERDALE, FL CMSA

Miami city
Balance of Dade County (exclude Miami city)
Ft. Lauderdale city

NEW ORLEANS, LA MSA

New Orleans city
Jefferson Parish
St. Tammany Parish

NEW YORK-NASSAU-SUFFOLK-ORANGE COUNTY, NY PMSA'S

New York city
Nassau County
Suffolk County

NORTHERN NJ PMSA'S

Newark city
Bergen County
Middlesex County

PHILADELPHIA, PA-NJ PMSA

Philadelphia city
Montgomery County, PA
Delaware County, PA

PITTSBURGH, PA MSA

Pittsburgh city
Balance of Allegheny County (exclude Pittsburgh city)
Westmoreland County

PORTLAND, OR-WA PMSA

Portland city
Balance of Multnomah County, OR (exclude Portland city)
Washington County, OR

SAN ANTONIO, TX MSA

San Antonio city
Balance of Bexar County (exclude San Antonio city)
Guadalupe County

CAUTION: Some subareas may be different in earlier years.