

American Housing Survey for the **Philadelphia** Metropolitan Area

1999

Issued March 2001

H170/99-33

Current Housing Reports



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

U.S. Department of Commerce
Economics and Statistics Administration
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Ronald J. Sepanik, assisted by **David Vandenbroucke**, was responsible for overseeing the American Housing Survey resultant report on behalf of the Department of Housing and Urban Development.

Within the Census Bureau, 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 Characteristics, by **Jane M. Kneessi**, Chief, American Housing Survey Branch, assisted by **Paul P. Harple**. **Ester Buckles**, **Mary Lynn Fessler**, **William L. Hartnett**, **Sandra Lord**, **Ellen Malone**, **Amy Tipton**, **Georgina Torres**, and **Barbara Williams** performed specific activities related to data collection procedures, statistical presentation, organization of the report, and preparation of text materials. **Ann Johnson** provided statistical assistance.

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Demographic Analysis
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Availability of Data Via Electronic Media

In addition to the data shown in this report, users may access a wealth of information based on the American Housing Survey (AHS), by way of the Internet. Through the AHS Web site, data charts are available for users to view the results from the 1993, 1995, and 1997 AHS National surveys. The AHS Web site also offers users the opportunity to download National microdata between the years 1993-95, by using the Data Extraction System, as well as offering 1997 and 1999 microdata, by using FERRET. A listing of books containing all National and Metropolitan publications dating back to 1993 is available through the Portable Document Format (PDF), within the AHS Web site.

This information can be accessed through the *Census Bureau's homepage at:*

www.census.gov

or, directly, at:

www.census.gov/hhes/www/ahs.html

Facsimiles of these Internet pages are shown on the following page of this report.

Users may send requests for data or questions regarding the data via e-mail to the *Housing and Household Economic Statistics Division of the Census Bureau at:*

www.ahsn@census.gov

Data users may find similar information concerning the AHS, through the *HUDUSER Web site at:*

www.huduser.org

Comments From Data Users

We, at the American Housing Survey Branch, would like any questions or comments that you might have about this report and welcome your recommendations for improving the usefulness of our products. If you would like to do so,

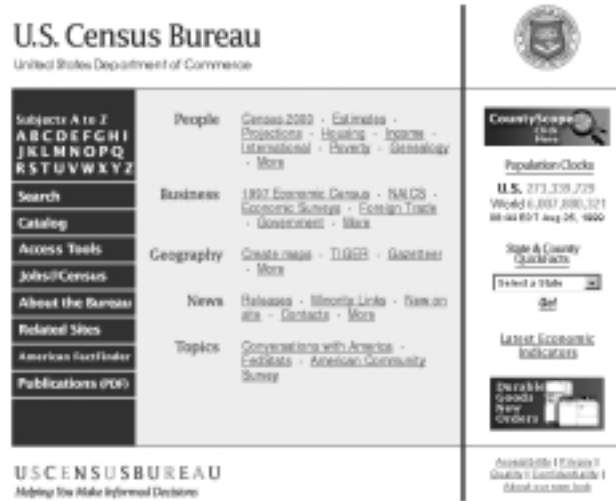
please write to:

Jane M. Kneessi
Chief, American Housing Survey Branch
Housing and Household Economic Statistics Division
U.S. Census Bureau
Washington DC 20233-8500

or electronically to:

jane.m.kneessi@census.gov

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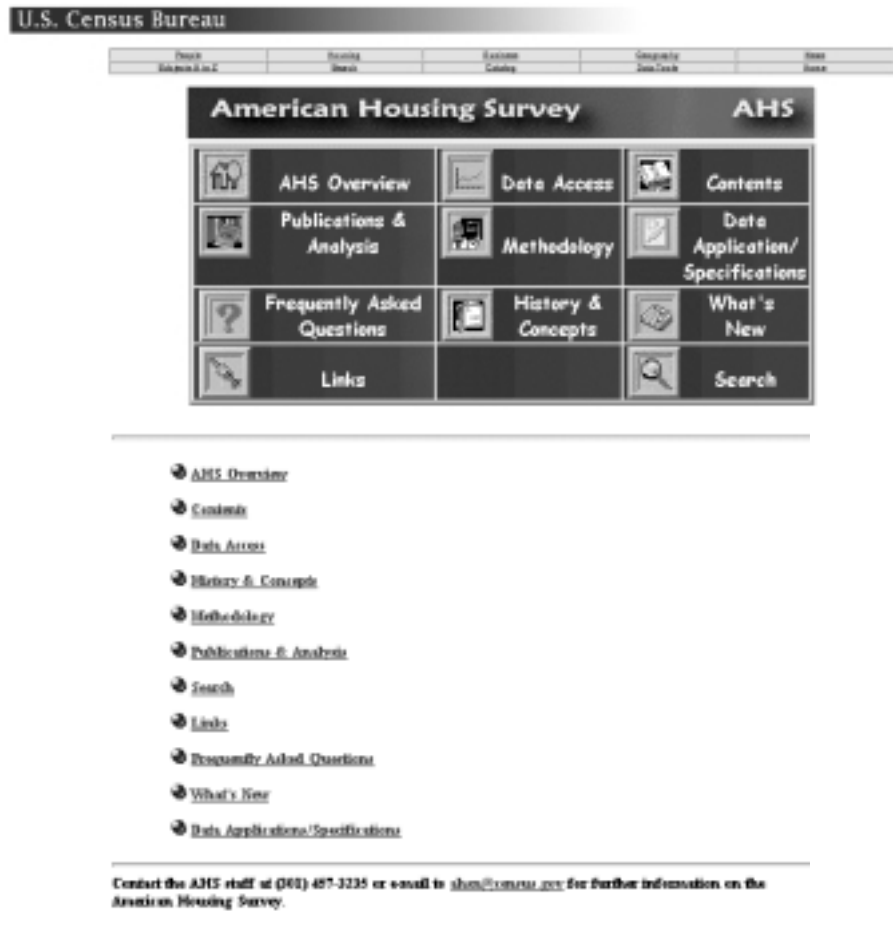
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Contact the AHS staff at (301) 457-3235 or e-mail to ahs@censtat.gov for further information on the American Housing Survey.

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¹Chapters on Black and Hispanic householders are shown when there are 75 or more sample cases.

* Table not shown, it only applies to owner-occupied units.

Major Changes This Year

(For additional details as well as previous years' changes, see Appendix C)

Dependent interviewing. Dependent interviewing was greatly expanded in 1999. For a discussion of dependent interviewing and a list of data items affected, see the same topic in Appendix C.

Income. Income was collected for all people in the household 16 years and older. In previous surveys, income was collected for all household members 14 years and older.

Items dropped. Three items were dropped in the 1999 survey: adequate inside maintenance, buildings and grounds properly maintained, and reverse mortgages.

Main house heating fuel. In 1997, the type of gas used (piped versus bottled) as a main house heating fuel was inadvertently omitted for vacant housing units. In 1999, the distinction was reinstated.

New items. A number of new items were introduced in the 1999 survey. For detailed definitions of these items, see Appendix A. The items are: bodies of water within 300 feet, building and ground maintenance, building neighbor noise, location of extra unit, nights owner rented extra unit, nights owner spent at extra unit, reason extra unit owned, and renter maintenance quality.

Other housing costs per month. Several processing errors were discovered and corrected for the category "homeowner association fee paid." The 1997 and 1998 data published for this category are incorrect. In 1997 and 1998, "homeowner association fee paid" was incorrectly tallied for mobile homes. In addition, the processing of data for units that are not mobile homes was done incorrectly. The 1997 and 1998 data should not be used. The 1999 data are correct.

Public elementary schools. In 1998 and earlier years, the question on type of school attended was asked of households with children ages 4 to 16. In 1999, the question was asked of households with children ages 5 to 15. The answer category "does not attend school" was replaced with "schooled at home." However, instructions

to the field representative defined both answer categories as the same, meaning children who did not attend school were entered into the "schooled at home" category.

Rent paid by lodgers. This item refers to regular, fixed rent: a set amount of money, billed or charged, which is paid at regular intervals by a lodger (usually weekly or monthly) to a member of the household. This category is restricted to lodgers who are 16 years and older, nonrelatives of the householder, and people who are not spouses of a co-owner or co-renter, not children of a co-owner or co-renter, and not a co-owner or co-renter themselves. Medians for rent paid by lodgers are rounded to the nearest dollar.

Rent reductions. The item "Rent reductions" is tabulated differently from how it was in earlier years. See same topic in Appendix C.

Rooms. In 1999, the collection of room counts by floor was eliminated. Room counts of each type were collected for the housing units as a whole. Also, a probe was modified to ensure that one-room units were not underreported. These changes resulted in higher estimates of one-room units and units with no bedrooms. For a complete discussion of the 1999 procedural change, see same topic in Appendix C.

Rooms used for business. As a result of a data collection error, data for this item in 1997 and 1998 were not published. In 1999, the previously suppressed items were corrected and published.

Year householder moved into unit. In 1999, a change was made in the way these data were processed. The change allows the year the householder moved in to be earlier than the year the structure was built for mobile homes. The change was made in order to accommodate mobile home householders who purchased a new mobile home but were still living on the same site, making the year their structure was built later than the year they moved in.

Geographical Definitions of 1999 AHS Metropolitan Areas

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

Name	Square miles ¹	Population per square miles ¹	Name	Square miles ¹	Population per square miles ¹
CHICAGO, IL	4,430.8	1,655.0	NEW YORK-NASSAU-SUFFOLK-ORANGE, NY —Con.		
Cook County	945.7	5,398.3	Rockland County	174.2	1,523.8
Dupage County	334.4	2,337.2	Suffolk County	911.2	1,450.6
Grundy County	420.1	77.0	Westchester County	432.9	2,021.0
Kane County	520.7	609.7	(OMB same as the New York State portion of AHS definition, except that OMB includes Pike County, PA)		
Kendall County	320.7	122.9	NORTHERN NEW JERSEY	4,065.4	1,472.9
Lake County	447.8	1,153.3	Bergen County	234.2	3,524.2
McHenry County	604.1	303.3	Essex County	126.3	6,161.9
Will County	837.3	426.8	Hudson County	46.7	11,855.3
(OMB includes Dekalb County)			Hunterdon County	430.1	250.6
DETROIT, MI	4,465.5	981.4	Mercer County	226.0	1,442.0
Lapeer County	654.3	114.3	Middlesex County	310.6	2,162.6
Livingston County	568.4	203.5	Monmouth County	471.9	1,172.2
Macomb County	480.4	1,493.3	Morris County	469.1	898.3
Monroe County	551.1	242.4	Ocean County	636.3	680.8
Oakland County	872.7	1,241.6	Passaic County	185.0	2,448.3
St. Clair County	724.5	201.0	Somerset County	304.7	788.5
Wayne County	614.1	3,438.4	Sussex County	521.2	251.2
(OMB same as AHS)			Union County	103.3	4,781.0
LOS ANGELES-LONG BEACH, CA			(OMB same as the New Jersey portion of the AHS definition, except that OMB includes Warren County, NJ)		
Los Angeles County	4,060.1	2,183.1	PHILADELPHIA, PA-NJ	3,518.0	1,380.6
(OMB same as AHS)			Bucks County, PA	607.6	890.6
NEW YORK-NASSAU-SUFFOLK-ORANGE, NY	3,161.9	3,625.6	Chester County, PA	756.0	497.9
Bronx County	42.0	28,640.8	Delaware County, PA	184.2	2,972.7
Kings County	70.5	32,618.9	Montgomery County, PA	483.1	1,403.5
Nassau County	286.8	4,489.1	Philadelphia County, PA	135.1	11,733.8
New York County	28.4	52,419.4	Burlington County, NJ	804.8	490.9
Orange County	816.4	376.8	Camden County, NJ	222.3	2,261.6
Putnam County	231.5	362.5	Gloucester County, NJ	324.9	708.2
Queens County	109.4	17,839.1	(OMB includes Salem County, NJ)		
Richmond County	58.6	6,466.5			

¹Source code: 1990 Census of Population and Housing

Explanations and Cautions

EXPLANATIONS

Survey authority and confidentiality. The U.S. Census Bureau conducts the American Housing Survey (AHS) 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 AHS. The guarantee of confidentiality made to respondents is provided by the Census Bureau. 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 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 Census Bureau 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 mortgages, rent control, rent subsidies, previous unit of recent movers, and reasons for moving.

Scope of the survey. The 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 3,500 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 and nonresponse. Each home in the AHS sample represents a large number of other homes. However, because of incomplete sampling lists (i.e., undercoverage) and nonresponse, the homes in the survey do not represent all homes in the country. Therefore, the raw numbers from the survey are raised proportionally so that the published numbers match independent estimates of the total number of homes. These independent estimates are based on the 1990 Census of Population and Housing, plus changes since then. Housing unit undercoverage and household nonresponse for the 1999 AHS-National metropolitan areas range from 13 to 18 percent. Compared to the level derived from the adjusted 1990 decennial census counts, housing unit undercoverage alone for the 1999 AHS-National metropolitan areas range from less than 1 percent to 3.1 percent.

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

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

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 (HHES), at the address given in Table A.

DATA AVAILABILITY

The AHS data are presented nationally as well as for major selected metropolitan areas (see Table A). Table A shows the sources for obtaining AHS data, the product

available, and the pricing for each product. Each source or organization sets its own charges, so prices may vary among the sources. For the data user whose needs are not met by the book tabulations (printed books), microdata are available on tapes and CD-ROMs so that data can be tabulated in any way desired. Microdata are also available on the Internet. Contact HHES for more details. To protect the confidentiality of the respondent; names, addresses, and 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 A. **Sources for American Housing Survey Data**

Source	Telephone	Books	Microdata
HUD USER Box 6091 Rockville, MD 20850	800-245-2691 301-519-5154 TDD 800-483-2209 Fax 301-519-5767	National and Metropolitan \$5	National and Metropolitan CD-ROMs \$50 1997 CD-ROM \$15
Customer Services U.S. Census Bureau Washington, DC 20233	301-457-4100 TDD 301-457-4714, general information Fax 1-888-249-7295, toll free Fax 301-457-3842, orders only	Metropolitan \$10-\$20	National and Metropolitan Tapes (back to late 1970s) \$175 CD-ROMs \$50 1997 CD-ROM \$15
Superintendent of Documents ¹ Washington, DC 20402-9326	202-512-1800 Fax 202-512-2250	National \$20-\$51	
Housing and Household Economic Statistics Division (HHES) U.S. Census Bureau Washington, DC 20233-8500	301-457-3235 Fax 301-457-3277	Analytical reports H121, H123 \$2-\$10	
National Archives	301-713-6630		National and Metropolitan Tapes (1974-1988) \$90 for first tape; \$24.50 each, for additional tapes
Internet: (Type address in lower case.) E-mail Subscription Service: www.census.gov/mp/www/subscribe.html		National, Metropolitan 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 Metropolitan Free

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Dates of AHS Metropolitan Surveys: 1974-99

(A book for each survey is published about 12 months later)

Area	1998-1999	1995-1997*	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	99	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	99	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) PMSAs	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**	99	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 PMSAs	99	95	-	91	87	83	80	-	76
Newark, NJ (now covered by Northern NJ)**	-	-	-	-	-	81	-	77	74
Norfolk-Virginia Beach-Newport News, VA MSA	-	-	92	88	84	-	-	78	75

(A book for each survey is published about 12 months later)

Area	1998-1999	1995-1997*	1992-1994	1988-1991	1984-1987	1981-1983	1980	1977-1979	1974-1976
Norfolk-Virginia Beach-Newport News, VA-NC	98	-	-	-	-	-	-	-	-
Northern NJ PMSAs	99	95	-	91	87	-	-	-	-
Oakland, CA PMSA***	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**	99	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 PMSAs	98	-	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 PMSA	-	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***	98	-	-	-	-	-	-	-	-
San Francisco-Oakland, CA PMSAs	-	-	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.

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

*** Formerly with San Francisco-Oakland, CA PMSAs.

- Not applicable.

Acronyms Used in This Publication

AHS-MS	American Housing Survey—Metropolitan Sample
AHS-N	American Housing Survey—National
CAPI	Computer Assisted Personal Interviewing
CATI	Computer Assisted Telephone Interviewing
CDP	Census Designated Place
CMSA	Consolidated Metropolitan Statistical Area
CPI	Consumer Price Index
CPS	Current Population Survey
FERRET	Federal Electronic Research and Review Extraction Tool (ferret.bls.census.gov/cgi-bin/ferret)
FHA	Federal Housing Administration
FmHA	Farmers Home Administration
GED	Test of General Education Development
HHES	Housing and Household Economic Statistics Division (Census Bureau)
HUD	Department of Housing and Urban Development
MSA	Metropolitan Statistical Area
NHIS	National Health Interview Survey
NOAA	National Oceanic and Atmospheric Administration
OMB	Office of Management and Budget
PDF	Portable Document Format
PMSA	Primary Metropolitan Statistical Area
PSU	Primary Sampling Unit
RECS	Residential Energy Consumption Survey
URE	Usual Residence Elsewhere
VA	Department of Veteran Affairs

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

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

Characteristics	Total housing units	Sea-sonal	Year-round											New construction 4 years	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				
Nights Owner Rented Extra Unit																	
0-2 nights	13.7	1.8	11.9	–	–	–	11.9	–	–	–	–	–	–	11.9	–	–	–
3-7 nights	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8 nights or more	7.4	.9	6.4	–	–	–	6.4	–	–	–	–	–	–	6.4	–	–	–
Not reported	5.8	1.8	4.0	–	–	–	4.0	–	–	–	–	–	–	4.0	–	–	–

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

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

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

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]

Table with columns: Characteristics, Total housing units, Seasonal, Total, Occupied (Total, Owner, Renter), Vacant (Total, For rent, Rental vacancy rate, For sale only, Rent-ed or sold, Occa-sional use/ URE, Other vacant), New construction 4 years, Mobile homes. Rows include Total, Stories in Structure (1-7 or more), Stories Between Main and Apartment Entrances, Common Stairways, Light Fixtures in Public Halls, Elevator on Floor, Foundation, External Building Conditions, and Site Placement.

¹Figures exclude mobile homes.

²Figures 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 years	Mobile homes	
			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	2 025.2	4.5	2 020.7	1 874.6	1 334.1	540.5	146.1	54.7	9.1	27.4	9.0	22.4	32.6	56.0	14.3
Rooms															
1 room	3.3	—	3.3	2.4	1.2	1.2	.9	.9	41.6	—	—	—	—	—	—
2 rooms	19.5	.9	18.6	15.4	1.1	14.3	3.2	2.7	15.9	—	—	—	.5	—	—
3 rooms	169.7	.9	168.8	143.8	6.2	137.6	25.0	16.4	10.6	1.0	—	5.9	1.8	—	—
4 rooms	273.5	.9	272.6	242.1	7.3	164.8	30.5	14.7	8.1	3.0	.9	5.5	6.5	2.7	6.2
5 rooms	342.3	—	342.3	316.2	210.3	105.9	26.1	11.8	9.9	5.8	2.0	2.8	3.6	11.5	6.8
6 rooms	516.0	1.8	514.2	479.5	404.5	75.0	34.7	4.5	5.7	10.8	1.9	2.7	14.8	5.9	1.4
7 rooms	271.5	—	271.5	264.9	243.9	21.0	6.6	—	—	2.9	1.0	1.9	.9	8.1	—
8 rooms	228.3	—	228.3	222.8	209.4	13.4	5.6	1.9	12.4	—	—	1.9	1.8	14.3	—
9 rooms	131.8	—	131.8	125.6	123.2	2.4	6.2	—	—	2.2	2.2	.9	.9	12.2	—
10 rooms or more	69.2	—	69.2	61.9	57.1	4.8	7.3	1.8	27.2	1.8	.9	.9	1.8	1.3	—
Bedrooms															
None	14.9	.9	14.0	12.3	3.7	8.6	1.8	1.8	17.1	—	—	—	—	—	—
1	253.0	.9	252.1	220.3	22.4	197.9	31.8	20.9	9.6	1.0	—	7.7	2.3	—	—
2	457.5	.9	456.6	413.2	219.5	193.7	43.4	21.7	10.0	4.9	2.9	4.6	9.2	14.1	10.1
3	809.0	1.8	807.2	759.8	650.3	109.5	47.3	5.7	4.9	16.6	2.9	5.5	16.6	11.8	4.2
4 or more	490.8	—	490.8	469.0	438.2	30.8	21.8	4.6	13.0	4.9	3.1	4.6	4.5	30.1	—
Complete Bathrooms															
None	20.9	1.8	19.1	4.4	3.2	1.2	14.7	2.7	68.8	3.6	—	1.9	6.5	—	—
1	910.1	1.8	908.3	829.3	407.2	422.1	79.0	39.7	8.6	9.2	.9	11.3	17.9	1.8	11.7
1 and one-half	431.4	—	431.4	407.1	345.7	61.3	24.3	8.6	12.0	3.6	2.9	4.6	4.5	4.8	—
2 or more	662.8	.9	661.9	633.8	577.9	55.8	28.1	3.7	6.2	11.1	5.2	4.6	3.6	49.4	2.6
Square Footage of Unit															
Single detached and mobile homes	910.6	—	910.6	876.7	819.5	57.2	33.9	5.7	9.0	10.7	4.3	5.7	7.6	39.4	14.3
Less than 500	12.1	—	12.1	12.1	10.9	1.2	—	—	—	—	—	—	—	—	1.5
500 to 749	11.8	—	11.8	10.9	10.9	—	.9	—	—	.9	—	—	—	—	4.8
750 to 999	35.8	—	35.8	35.8	33.5	2.4	—	—	—	—	—	—	—	—	4.3
1,000 to 1,499	95.4	—	95.4	88.5	82.6	5.9	6.8	.9	12.7	1.0	—	2.9	2.1	—	1.1
1,500 to 1,999	147.9	—	147.9	145.0	131.8	13.1	2.9	1.1	7.6	—	—	—	1.9	6.3	—
2,000 to 2,499	143.7	—	143.7	139.9	137.7	2.2	3.8	—	—	1.8	1.0	—	.9	2.9	1.2
2,500 to 2,999	102.4	—	102.4	99.2	98.2	1.1	3.2	—	—	—	2.2	1.0	—	10.7	—
3,000 to 3,999	98.1	—	98.1	95.1	92.7	2.4	3.1	—	—	3.1	—	—	—	7.7	—
4,000 or more	65.7	—	65.7	64.8	57.1	7.7	.9	.9	10.5	—	—	—	—	4.6	—
Not reported (includes don't know)	197.6	—	197.6	185.3	164.2	21.2	12.3	2.8	11.7	3.8	1.0	1.8	2.8	7.3	1.5
Median	2 186	...	2 186	2 191	2 211	1 823	2 016	...	...	...	...	...	...	2 823	...
Lot Size¹															
Less than one-eighth acre	489.8	.9	488.9	444.7	333.1	111.6	44.2	9.2	7.6	12.8	1.9	9.2	11.0	7.9	3.4
One-eighth up to one-quarter acre	412.1	.9	411.2	388.3	314.4	73.9	23.0	8.4	10.2	2.9	.9	1.8	9.0	1.6	9.7
One-quarter up to one-half acre	239.4	—	239.4	228.6	207.0	21.5	10.9	2.8	11.5	4.8	3.2	—	—	19.1	—
One-half up to one acre	194.3	—	194.3	196.6	181.2	9.3	3.7	—	—	.9	—	.9	1.8	11.3	—
1 up to 5 acres	200.4	—	200.4	194.5	178.7	15.8	5.9	—	—	3.1	—	2.8	—	10.2	1.1
5 up to 10 acres	16.6	—	16.6	15.4	11.8	3.6	1.2	—	—	—	—	—	—	—	—
10 acres or more	33.7	.9	32.7	29.1	23.3	5.8	3.6	—	—	—	—	.9	—	—	—
Median .....	.22	...	.22	.22	.24	.14	.14	.14	...	...	...	...	.15	.45	...

¹Does not include multiunits, cooperatives, or condominiums.

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

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

Characteristics	Total housing units	Seasonal	Year-round										New construction 4 years	Mobile homes		
			Occupied			Vacant										
			Total	Owner	Renter	Total	For rent	Rental vacancy rate	For sale only	Rented or sold	Occasional use/URE	Other vacant				
Total	2 025.2	4.5	2 020.7	1 874.6	1 334.1	540.5	146.1	54.7	9.1	27.4	9.0	22.4	32.6	56.0	14.3	
Equipment¹																
Lacking complete kitchen facilities	85.3	.9	84.4	27.6	11.2	16.4	56.8	18.1	51.1	11.5	1.8	6.6	18.8	3.1	—	
With complete kitchen (sink, refrigerator, and oven or burners)	1 939.9	3.6	1 936.3	1 847.0	1 322.9	524.1	89.3	36.6	6.5	15.9	7.2	15.8	13.8	52.9	14.3	
Kitchen sink	2 008.6	3.6	2 005.0	1 868.9	1 329.5	539.4	136.1	51.0	8.6	26.5	9.0	21.5	28.0	56.0	14.3	
Refrigerator	1 984.7	3.6	1 981.0	1 869.1	1 330.8	538.3	111.9	42.9	7.4	19.6	8.1	17.9	23.3	53.8	14.3	
Cooking stove or range	1 971.6	3.6	1 968.0	1 861.9	1 325.8	536.1	106.1	42.9	7.4	21.9	8.1	17.6	15.6	55.1	14.3	
Burners, no stove or range	6.9	—	6.9	6.0	4.0	2.0	—	—	—	—	—	—	—	—	—	
Microwave oven only	2.5	—	2.5	2.5	—	2.5	—	—	—	—	—	—	—	—	—	
Dishwasher	1 076.0	1.8	1 074.2	1 025.9	848.4	177.5	48.3	17.1	8.7	12.0	7.2	8.3	3.6	56.0	2.7	
Washing machine	1 552.7	1.8	1 550.9	1 509.1	1 263.0	246.1	41.8	10.4	4.1	10.6	4.2	7.3	9.3	52.9	12.0	
Clothes dryer	1 458.0	2.7	1 455.3	1 394.4	1 189.5	204.9	60.9	18.7	8.4	13.3	4.2	10.5	14.3	52.9	11.0	
Disposal in kitchen sink	785.2	1.8	783.4	745.7	577.8	168.0	37.7	14.3	7.7	6.1	6.2	8.3	2.7	38.1	—	
Trash compactor	55.1	.9	54.2	53.0	44.1	8.9	1.2	.9	9.2	—	—	.3	—	—	—	
Air conditioning:																
Central	903.8	1.8	902.0	860.3	695.0	165.4	41.7	15.0	8.2	9.9	6.3	9.3	1.2	54.1	8.1	
Additional central	42.9	—	42.9	42.9	36.0	6.9	—	—	—	—	—	—	—	—	—	
1 room unit	378.6	.9	377.7	348.0	186.8	161.2	29.7	10.6	6.1	2.8	.9	5.8	9.5	.9	1.5	
2 room units	339.2	—	339.2	327.2	221.2	106.0	12.1	3.6	3.3	4.8	—	1.9	1.8	—	2.6	
3 room units or more	190.5	—	190.5	182.2	158.2	24.0	8.2	6.5	21.2	—	.9	—	.9	1.0	1.2	
Main Heating Equipment																
Warm-air furnace	1 080.2	2.7	1 077.5	1 009.8	741.8	268.0	67.7	22.7	7.7	16.9	8.1	10.1	9.9	45.3	13.1	
Steam or hot water system	683.3	.9	682.4	623.7	440.3	183.4	58.6	24.6	11.8	5.5	.9	10.4	17.3	.9	—	
Electric heat pump	107.0	—	107.0	101.1	73.0	28.1	5.9	2.8	8.9	2.2	—	1.0	—	8.8	—	
Built-in electric units	78.6	—	78.6	75.6	37.0	38.6	3.0	1.9	4.7	1.0	—	—	—	—	1.2	
Floor, wall, or other built-in hot-air units without ducts	46.5	—	46.5	45.6	30.4	15.3	.9	—	—	.9	—	—	—	1.0	—	
Room heaters with flue	11.9	—	11.9	8.3	3.5	4.8	3.7	1.9	27.9	—	—	—	1.8	—	—	
Room heaters without flue	4.4	—	4.4	3.5	2.5	1.1	.9	—	—	—	—	—	.9	—	—	
Portable electric heaters	1.1	—	1.1	1.1	1.1	—	—	—	—	—	—	—	—	—	—	
Stoves	3.6	—	3.6	3.6	3.6	—	—	—	—	—	—	—	—	—	—	
Fireplaces with inserts	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Fireplaces without inserts	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Other	2.3	—	2.3	2.3	1.1	1.2	—	—	—	—	—	—	—	—	—	
Cooking stove	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
None	6.3	.9	5.4	—	—	—	5.4	.9	100.0	.9	—	.9	2.7	—	—	
Other Heating Equipment¹																
Warm-air furnace	10.2	—	10.2	10.2	9.0	1.2	—	—	—	—	—	—	—	—	—	
Steam or hot water system	8.1	—	8.1	8.1	7.0	1.1	—	—	—	—	—	—	—	—	—	
Electric heat pump	5.8	—	5.8	5.8	5.8	—	—	—	—	—	—	—	—	—	—	
Built-in electric units	40.9	—	40.9	40.9	39.9	1.1	—	—	—	—	—	—	—	—	—	
Floor, wall, or other built-in hot-air units without ducts	4.4	—	4.4	4.4	3.4	1.1	—	—	—	—	—	—	—	—	—	
Room heaters with flue	13.5	—	13.5	13.5	11.2	2.3	—	—	—	—	—	—	—	—	—	
Room heaters without flue	35.8	—	35.8	35.8	31.0	4.9	—	—	—	—	—	—	—	—	—	
Portable electric heaters	168.9	—	168.9	168.0	129.8	38.2	.9	—	—	—	—	.9	—	1.3	—	
Stoves	64.8	—	64.8	64.8	61.3	3.5	—	—	—	—	—	—	—	—	—	
Fireplaces with inserts	63.1	—	63.1	59.9	58.6	1.3	3.2	—	—	—	2.2	.9	—	9.0	—	
Fireplaces without inserts	27.0	—	27.0	27.0	25.9	1.1	—	—	—	—	—	—	—	—	—	
Other	11.6	—	11.6	11.6	9.1	2.5	—	—	—	—	—	—	—	1.1	—	
Cooking stove	11.8	—	11.8	11.8	10.6	1.2	—	—	—	—	—	—	—	—	—	
None	1 630.8	2.7	1 628.1	1 507.0	1 020.9	486.1	121.1	49.2	9.1	24.7	6.8	16.9	23.5	44.6	14.3	
Plumbing																
With all plumbing facilities	1 986.4	3.6	1 982.8	1 846.7	1 314.6	532.2	136.0	52.9	9.0	24.7	9.0	20.6	28.8	56.0	14.3	
Lacking some or all plumbing facilities ¹	38.8	.9	37.9	27.9	19.5	8.3	10.1	1.8	17.8	2.7	—	1.8	3.8	—	—	
No hot piped water	11.2	.9	10.3	—	1.1	—	9.2	1.8	100.0	2.7	—	.9	3.8	—	—	
No bathtub and no shower	7.4	.9	6.5	1.1	1.1	—	5.4	.9	100.0	—	—	.9	3.6	—	—	
No flush toilet	9.2	.9	8.3	1.1	1.1	—	7.2	.9	100.0	—	—	.9	3.6	—	—	
No exclusive use	27.6	—	27.6	26.8	18.4	8.3	.9	—	—	—	—	.9	—	—	—	
Primary Source of Water																
Public system or private company	1 823.0	3.6	1 819.4	1 678.4	1 163.6	514.8	141.0	53.6	9.4	25.2	9.0	20.6	32.6	41.2	13.1	
Well serving 1 to 5 units	195.7	—	195.7	191.6	167.1	24.5	4.2	1.1	4.2	2.2	—	.9	—	14.8	1.2	
Drilled	179.2	—	179.2	175.0	154.5	20.5	4.2	1.1	5.0	2.2	—	.9	—	14.8	1.2	
Dug	9.9	—	9.9	9.9	8.5	1.3	—	—	—	—	—	—	—	—	—	
Not reported	6.7	—	6.7	6.7	4.0	2.7	—	—	—	—	—	—	—	—	—	
Other	6.5	.9	5.6	4.7	3.4	1.2	.9	—	—	—	—	.9	—	—	—	
Safety of Primary Source of Water																
Selected primary water sources ²	2 025.2	4.5	2 020.7	1 874.6	1 334.1	540.5	146.1	54.7	9.1	27.4	9.0	22.4	32.6	56.0	14.3	
Safe to drink	1 814.5	3.6	1 810.9	1 686.4	1 226.4	460.1	124.5	51.0	9.9	23.8	9.0	18.5	22.2	53.2	12.8	
Not safe to drink	176.2	.9	175.3	171.4	96.7	74.7	3.9	1.8	2.4	.9	—	.3	.9	1.9	1.5	
Safety not reported	34.5	—	34.5	16.7	11.0	5.7	17.8	1.9	24.4	2.8	—	3.6	9.5	.9	—	
Means of Sewage Disposal																
Public sewer	1 815.9	3.6	1 812.2	1 675.2	1 160.0	515.2	137.1	53.6	9.4	24.3	9.0	19.6	30.5	44.6	8.8	
Septic tank, cesspool, chemical toilet	206.5	—	206.5	198.3	173.0	25.3	8.1	1.1	4.1	3.1	—	2.8	1.2	11.5	5.5	
Other	2.9	.9	2.0	1.1	1.1	—	.9	—	—	—	—	—	.9	—	—	

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.

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	Sea-sonal	Year-round											New construction 4 years	Mobile homes
			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	2 025.2	4.5	2 020.7	1 874.6	1 334.1	540.5	146.1	54.7	9.1	27.4	9.0	22.4	32.6	56.0	14.3
Main House Heating Fuel															
Housing units with heating fuel	2 014.4	2.7	2 011.6	1 874.6	1 334.1	540.5	137.1	53.8	9.0	25.6	9.0	20.6	28.1	56.0	14.3
Electricity	280.2	—	280.2	262.6	146.7	115.8	17.7	10.8	8.5	3.2	—	2.8	.9	8.8	1.2
Piped Gas	1 192.4	1.8	1 190.5	1 095.9	770.8	325.1	94.6	35.6	9.8	17.4	9.0	13.1	19.5	29.7	—
Bottled Gas	55.4	—	55.4	50.5	48.4	2.1	4.9	.9	29.9	3.1	—	.9	—	13.7	6.3
Fuel oil	468.5	.9	467.6	449.5	357.6	91.8	18.1	6.6	6.7	1.9	—	3.8	5.9	3.8	5.3
Kerosene or other liquid fuel	8.5	—	8.5	6.7	3.3	3.4	1.8	—	—	—	—	—	1.8	—	1.5
Coal or coke	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Wood	8.2	—	8.2	8.2	7.2	1.0	—	—	—	—	—	—	—	—	—
Solar energy	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other	1.2	—	1.2	1.2	—	1.2	—	—	—	—	—	—	—	—	—
Other House Heating Fuels¹															
With other heating fuel	363.1	—	363.1	359.0	305.7	53.3	4.0	—	—	—	2.2	1.8	—	11.4	—
Electricity	206.3	—	206.3	205.5	165.1	40.4	.9	—	—	—	—	.9	—	1.3	—
Gas	45.7	—	45.7	43.5	38.6	4.9	2.2	—	—	—	2.2	—	—	6.9	—
Fuel oil	18.1	—	18.1	18.1	15.9	2.2	—	—	—	—	—	—	—	—	—
Kerosene or other liquid fuel	29.3	—	29.3	29.3	24.4	4.9	—	—	—	—	—	—	—	—	—
Coal or coke	1.2	—	1.2	1.2	1.2	—	—	—	—	—	—	—	—	—	—
Wood	119.7	—	119.7	118.8	114.2	4.6	.9	—	—	—	—	.9	—	3.2	—
Solar energy	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other	2.8	—	2.8	2.8	1.4	1.3	—	—	—	—	—	—	—	—	—
Cooking Fuel															
With cooking fuel	1 981.0	3.6	1 977.3	1 870.3	1 329.8	540.5	107.0	42.9	7.3	21.9	8.1	17.6	16.5	55.1	14.3
Electricity	876.1	.9	875.2	838.2	625.0	213.2	37.0	14.6	6.4	8.9	1.0	8.5	3.9	28.2	2.3
Gas	1 104.8	2.7	1 102.1	1 032.1	704.8	327.3	70.0	28.2	7.9	13.0	7.1	9.1	12.6	26.9	12.0
Kerosene or other liquid fuel	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Coal or coke	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Wood	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Water Heating Fuel															
With hot piped water	2 014.0	3.6	2 010.4	1 873.5	1 333.0	540.5	136.9	52.9	8.9	24.7	9.0	21.5	28.8	56.0	14.3
Electricity	474.9	1.8	473.1	446.2	305.6	140.6	27.0	10.8	7.1	8.0	—	3.7	4.5	14.4	9.4
Gas	1 312.7	.9	1 311.8	1 212.2	855.2	357.0	99.6	39.2	9.8	16.7	9.0	13.1	21.5	41.6	4.9
Fuel oil	218.6	.9	217.6	210.0	170.9	39.1	7.7	2.0	5.0	—	—	3.8	1.8	—	—
Kerosene or other liquid fuel	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Coal or coke	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Wood	1.4	—	1.4	1.4	1.4	—	—	—	—	—	—	—	—	—	—
Solar energy	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other	6.5	—	6.5	3.8	—	3.8	2.7	.9	19.2	—	—	.9	.9	—	—
Central Air Conditioning Fuel															
With central air conditioning	903.8	1.8	902.0	860.3	695.0	165.4	41.7	15.0	8.2	9.9	6.3	9.3	1.2	54.1	8.1
Electricity	823.3	1.8	821.5	780.7	627.8	152.9	40.8	15.0	8.8	9.0	6.3	9.3	1.2	49.6	8.1
Gas	77.1	—	77.1	76.2	64.9	11.3	.9	—	—	.9	—	—	—	4.5	—
Other	3.4	—	3.4	3.4	2.2	1.2	—	—	—	—	—	—	—	—	—
Clothes Dryer Fuel															
With clothes dryer	1 458.0	2.7	1 455.3	1 394.4	1 189.5	204.9	60.9	18.7	8.4	13.3	4.2	10.5	14.3	52.9	11.0
Electricity	942.7	2.7	940.0	906.2	745.9	160.4	33.8	11.2	6.5	6.0	.9	5.8	9.8	28.4	6.6
Gas	515.3	—	515.3	488.1	443.6	44.5	27.2	7.5	14.4	7.3	3.2	4.6	4.5	24.6	4.3
Other	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Units Using Each Fuel¹															
Electricity	2 024.3	4.5	2 019.8	1 874.6	1 334.1	540.5	145.2	53.8	9.0	27.4	9.0	22.4	32.6	56.0	14.3
Gas	1 548.9	4.5	1 544.4	1 407.0	991.6	415.4	137.4	47.1	10.1	26.3	9.0	22.4	32.6	47.1	13.1
Fuel oil	640.5	4.5	636.0	527.8	395.0	132.9	108.2	22.6	14.5	26.3	7.0	19.7	32.6	11.2	7.7
Kerosene or other liquid fuel	37.8	—	37.8	36.0	27.6	8.3	1.8	—	—	—	—	—	1.8	—	1.5
Coal or coke	1.2	—	1.2	1.2	1.2	—	—	—	—	—	—	—	—	—	—
Wood	124.3	—	124.3	123.3	117.7	5.6	.9	—	—	—	—	.9	—	3.2	—
Solar energy	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other	13.9	—	13.9	11.1	3.6	7.5	2.7	.9	10.8	—	—	.9	.9	—	—
All electric units	199.7	—	199.7	182.1	108.3	73.8	17.6	8.9	10.8	4.1	—	2.7	1.8	5.1	1.2

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 years	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	2 025.2	4.5	2 020.7	1 874.6	1 334.1	540.5	146.1	54.7	9.1	27.4	9.0	22.4	32.6	56.0	14.3
Selected Amenities¹															
Porch, deck, balcony, or patio	1 458.0	.9	1 457.1	1 389.7	1 103.5	286.3	67.4	19.9	6.5	16.2	7.2	9.3	14.8	48.9	10.8
Usable fireplace	555.6	—	555.6	535.7	506.0	29.7	19.9	3.8	11.4	6.3	3.2	3.8	2.7	41.3	1.4
Separate dining room	1 313.7	1.8	1 311.9	1 241.6	1 052.3	189.3	70.3	16.2	7.8	18.5	8.1	7.3	20.2	45.8	3.9
With 2 or more living rooms or recreation rooms, etc.	302.3	—	302.3	286.8	257.4	29.3	15.5	3.6	11.0	4.2	2.2	2.8	2.7	16.2	1.4
Garage or carport included with home	879.1	—	879.1	839.1	771.8	67.4	39.9	7.5	10.0	11.5	4.3	4.7	12.1	49.9	1.4
Not included	1 142.9	4.5	1 138.4	1 033.1	560.0	473.1	105.3	47.2	9.0	15.9	4.7	17.7	19.6	6.1	12.9
Off-street parking included	667.3	.9	666.4	619.7	336.0	283.7	46.7	25.6	8.2	7.9	3.8	6.6	2.7	6.1	10.9
Off-street parking not reported	1.2	—	1.2	1.2	—	1.2	—	—	—	—	—	—	—	—	—
Garage or carport not reported	3.2	—	3.2	2.3	2.3	—	.9	—	—	—	—	—	.9	—	—
Owner or Manager on Property															
Rental, multiunit ²	...	...	...	...	...	281.3	...	31.5	10.0	...	2.9	3.6	...	1.8	—
Owner or manager lives on property	...	...	...	...	...	51.9	...	8.0	13.4	...	—	1.8	...	—	—
Neither owner nor manager lives on property	...	...	...	...	...	229.4	...	23.5	9.2	...	2.9	1.9	...	1.8	—
Selected Deficiencies¹															
Holes in floors	37.9	—	37.9	29.8	17.8	11.9	8.2	—	—	.9	.9	.9	5.5	1.9	1.0
Open cracks or holes (interior)	156.6	.9	155.7	136.7	80.0	56.7	19.0	3.7	6.1	1.8	.9	2.7	10.0	—	—
Broken plaster or peeling paint (interior)	97.2	—	97.2	85.5	52.5	33.0	11.8	1.8	5.2	.9	.9	.9	7.2	—	—
No electrical wiring	5.4	.9	4.5	—	—	—	4.5	—	—	—	—	1.8	2.7	—	—
Exposed wiring	8.1	—	8.1	8.1	4.4	3.7	—	—	—	—	—	—	—	—	—
Rooms without electric outlets	37.9	—	37.9	31.5	17.1	14.4	6.4	1.9	11.4	2.7	.9	—	.9	—	—
Description of Area Within 300 feet¹															
Single-family detached houses	1 508.4	2.7	1 505.7	1 420.6	1 061.4	359.2	85.1	27.9	7.2	19.9	7.2	11.1	18.9	44.9	6.9
Single-family attached	855.3	3.6	851.7	765.1	464.7	300.4	86.6	33.0	9.9	17.7	1.8	9.9	24.1	16.3	—
1- to 3- story multunit	506.8	2.7	504.0	452.7	178.0	274.8	51.3	25.0	8.3	4.6	—	7.6	14.2	2.7	—
4- to 6- story multunit	123.8	1.8	122.0	108.1	34.8	73.2	13.9	9.0	11.0	1.0	—	2.1	1.8	—	—
7- or- more story multunit	68.5	—	68.5	55.4	18.6	36.8	13.1	6.3	14.5	1.0	2.2	3.7	—	2.2	—
Mobile homes	41.8	—	41.8	40.9	38.7	2.2	.9	—	—	.9	—	—	—	—	14.3
Commercial, or institutional	757.2	3.6	753.5	682.0	369.8	312.2	71.5	33.4	9.6	8.1	.9	13.1	16.0	5.3	1.5
Industrial or factories	128.1	.9	127.2	115.4	68.8	46.6	11.8	3.7	7.3	.9	—	3.6	3.6	.9	1.5
Open space, park, woods, farm, or ranch	663.9	1.8	662.0	616.7	447.7	169.1	45.3	18.3	9.6	8.7	6.2	5.5	6.6	28.2	7.7
4 or more lane highway, railroad, or airport	301.4	.9	300.4	278.3	158.4	119.9	22.1	11.8	9.0	2.0	—	3.7	4.7	6.6	1.2
Not reported	61.6	—	61.6	60.7	50.4	10.3	.9	—	—	—	—	—	.9	1.1	—
Bodies of Water Within 300 Feet															
Water in area	242.8	.9	241.9	225.5	170.1	55.4	16.4	7.4	11.8	.9	2.2	1.9	3.9	13.7	2.7
With waterfront property	20.5	.9	19.6	17.7	11.4	6.3	1.8	.9	12.5	—	—	.9	—	—	1.2
Waterfront not reported	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
With flood plain	30.7	—	30.7	28.9	21.9	7.0	1.8	.9	11.5	—	—	.9	—	1.6	1.2
Flood plain not reported	7.2	—	7.2	7.2	1.2	6.0	—	—	—	—	—	—	—	—	—
Water not reported	70.1	—	70.1	65.5	55.1	10.3	4.6	.9	8.1	1.0	—	.9	1.8	1.1	—
No water in area	1 712.4	3.6	1 708.7	1 583.6	1 108.8	474.8	125.1	46.4	8.8	25.5	6.8	19.6	26.8	41.2	11.6
Age of Other Residential Buildings Within 300 Feet															
Older	114.5	—	114.5	110.9	64.5	46.3	3.6	1.8	3.8	—	—	.9	.9	1.0	2.5
About the same	1 542.3	3.6	1 538.7	1 426.1	1 038.2	387.9	112.6	40.9	9.5	25.6	6.8	13.1	26.2	42.4	6.4
Newer	115.6	—	115.6	104.2	77.4	26.8	11.4	4.6	14.6	—	2.2	1.8	2.8	11.5	2.9
Very mixed	84.1	—	84.1	77.7	50.9	26.7	6.4	2.7	9.3	.9	—	1.9	.9	—	—
No other residential buildings	75.0	—	75.0	67.6	38.8	28.8	7.4	3.7	11.4	—	—	2.8	.9	—	—
Not reported	93.7	.9	92.8	88.1	64.2	23.9	4.7	1.0	3.8	.9	—	1.9	.9	1.1	2.6
Mobile Homes in Group															
Mobile homes	14.3	—	14.3	13.4	13.4	—	.9	—	—	.9	—	—	—	—	14.3
1 to 6	1.2	—	1.2	1.2	1.2	—	—	—	—	—	—	—	—	—	1.2
7 to 20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
21 or more	13.1	—	13.1	12.1	12.1	—	.9	—	—	.9	—	—	—	—	13.1
Other Buildings Vandalized or With Interior Exposed Within 300 feet															
None	1 647.3	3.6	1 643.7	1 548.3	1 128.6	419.7	95.3	32.1	7.0	19.3	9.0	13.8	21.1	54.9	12.8
1 building	70.4	—	70.4	65.9	42.9	23.0	4.5	1.8	7.3	—	—	1.8	.9	—	—
More than 1 building	175.6	.9	174.7	141.2	75.6	65.7	33.5	17.3	20.8	6.3	—	3.0	6.9	—	—
No buildings	46.7	—	46.7	41.3	31.1	10.2	5.5	2.7	20.8	—	—	1.9	.9	—	—
Not reported	85.1	—	85.1	77.9	55.9	21.9	7.3	.9	4.0	1.8	—	1.9	2.7	1.1	1.5
Bars on Windows of Buildings Within 300 feet															
No bars on windows	1 555.9	1.8	1 554.0	1 460.3	1 090.9	369.5	93.7	33.0	8.1	20.2	8.1	15.7	16.6	54.9	12.8
1 building with bars	52.6	.9	51.7	48.1	27.4	20.7	3.6	.9	4.2	1.8	—	.9	—	—	—
2 or more buildings with bars	254.9	1.8	253.1	220.6	114.0	106.6	32.5	13.6	11.3	2.7	.9	3.9	11.4	—	—
No buildings	46.7	—	46.7	41.3	31.1	10.2	5.5	2.7	20.8	—	—	1.9	.9	—	—
Not reported	115.1	—	115.1	104.3	70.7	33.6	10.8	4.5	11.9	2.7	—	.9	2.7	1.1	1.5
Condition of Streets Within 300 feet															
No repairs needed	1 299.5	1.8	1 297.6	1 221.1	892.6	328.5	76.6	27.5	7.7	14.5	6.0	14.7	13.9	30.9	10.3
Minor repairs needed	551.2	2.7	548.5	490.2	326.7	163.5	58.3	23.7	12.5	9.2	3.0	5.5	16.9	24.0	2.5
Major repairs needed	91.2	—	91.2	83.8	49.9	33.9	7.4	3.5	9.5	1.8	—	1.2	.9	—	1.5
No streets	4.3	—	4.3	4.3	3.3	1.0	—	—	—	—	—	—	—	—	—
Not reported	79.0	—	79.0	75.3	61.6	13.6	3.8	—	—	1.9	—	1.0	.9	1.1	—

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

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

Characteristics	Total housing units	Sea-sonal	Year-round										New construction 4 years	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
Trash, Litter, or Junk on Streets or Any Properties Within 300 feet															
None	1 655.8	3.6	1 652.2	1 550.4	1 134.2	416.2	101.8	38.4	8.4	19.3	8.1	18.4	17.5	54.9	12.8
Minor accumulation	193.7	–	193.7	164.8	94.3	70.5	28.9	12.7	15.2	5.4	.9	1.2	8.7	–	–
Major accumulation	98.0	.9	97.1	88.1	49.0	39.0	9.0	2.7	6.5	.9	–	1.8	3.6	–	1.5
Not reported	77.7	–	77.7	71.3	56.6	14.7	6.4	.9	5.8	1.8	–	1.0	2.7	1.1	–

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

[Numbers 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 years	Mobile homes		
			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	2 025.2	4.5	2 020.7	1 874.6	1 334.1	540.5	146.1	54.7	9.1	27.4	9.0	22.4	32.6	56.0	14.3	
Monthly Housing Costs¹																
Less than \$100	13.2	9.1	4.1	...	.9	18.1	...	...	...	...	...	—	—
\$100 to \$199	79.6	57.2	22.4	...	...	...	...	...	...	...	...	—	—
\$200 to \$249	49.5	48.2	1.2	...	...	...	...	...	...	...	...	—	—
\$250 to \$299	67.1	58.9	8.2	...	...	...	...	...	...	...	...	—	2.7
\$300 to \$349	95.8	83.5	12.4	...	...	...	...	...	...	...	...	—	1.0
\$350 to \$399	107.6	87.3	20.3	...	1.0	4.5	...	...	...	...	...	—	4.3
\$400 to \$449	91.7	70.0	21.7	...	8.1	27.3	...	...	...	...	...	—	1.4
\$450 to \$499	124.2	89.5	34.8	...	4.4	11.3	...	...	...	...	...	—	2.9
\$500 to \$599	219.4	124.8	94.6	...	5.1	5.1	...	...	...	...	10.7	—	—
\$600 to \$699	153.5	64.1	89.4	...	11.0	10.9	...	...	...	...	...	—	—
\$700 to \$799	148.0	63.1	85.0	...	2.9	3.3	...	...	...	...	...	2.2	—
\$800 to \$999	200.2	137.7	62.5	...	7.3	10.4	...	...	...	...	...	1.8	1.1
\$1,000 to \$1,249	186.8	152.5	34.3	...	1.0	2.8	...	...	...	...	...	13.1	—
\$1,250 to \$1,499	121.1	111.7	9.5	...	3.8	28.6	...	...	...	...	...	5.7	—
\$1,500 or more	190.4	176.6	13.9	...	2.9	17.3	...	...	...	...	...	15.3	—
Depends on occupant's income	6.3	...	...	...	...	...	...	...	—
No cash rent	26.3	...	...	...	...	...	...	...	...	...	...	...	—
Median (excludes no cash rent)	649	660	642	...	643	...	...	...	...	...	1 185	...	—
Median Monthly Housing Costs for Owners																
Monthly costs including all mortgages plus maintenance costs	717	717	...	...	...	...	...	...	...	...	1 232	...	—
Monthly costs excluding second and subsequent mortgages and maintenance costs	658	658	...	...	...	...	...	...	...	...	1 212	...	—
Rent Reductions																
No subsidy	—	468.8	...	34.4	6.8	...	2.9	...	...	1.8	—	—
Rent control	5.6	...	1.7	23.7	...	...	...	...	...	—	—
No rent control	460.6	...	32.7	6.6	...	2.9	...	...	1.8	—	—
Reduced by owner	19.9	...	...	...	...	...	...	...	...	—	—
Not reduced by owner	440.7	...	...	...	...	...	...	...	1.8	—	—
Owner reduction not reported	32.7	91.8	...	2.9	...	...	...	—	—
Rent control not reported	2.6	...	...	...	...	...	...	...	...	—	—
Owned by public housing authority	18.8	...	4.5	19.4	...	...	...	...	...	—	—
Government subsidy	21.4	...	3.7	14.7	...	...	...	...	...	—	—
Other, income verification	20.4	...	...	...	...	...	...	...	...	—	—
Subsidy not reported	11.2	...	12.0	51.9	...	...	...	...	1.1	—	—
OWNER HOUSING UNITS																
Total	1 334.1	...	...	...	...	27.4	6.1	...	...	52.2	14.3	
Average Monthly Cost Paid for Real Estate Taxes																
Less than \$25	86.7	...	...	...	...	5.8	—	...	...	2.2	10.6	
\$25 to \$49	66.6	...	...	...	...	3.0	—	...	...	—	—
\$50 to \$74	73.5	...	...	...	...	—	—	...	...	—	2.5	
\$75 to \$99	86.8	...	...	...	...	6.3	.9	...	...	—	—
\$100 to \$149	188.5	...	...	...	...	5.7	—	...	...	4.1	—	
\$150 to \$199	225.2	...	...	...	...	1.8	—	...	...	4.6	1.2	
\$200 or more	606.8	...	...	...	...	4.7	5.2	...	...	41.3	—	
Median	187	...	...	...	...	...	...	...	...	200+	...	
Annual Taxes Paid per \$1,000 Value																
Less than \$5	59.4	...	...	...	...	4.9	—	...	...	2.2	8.5	
\$5 to \$9	92.8	...	...	...	...	.9	—	...	...	4.4	1.0	
\$10 to \$14	311.2	...	...	...	...	3.7	4.1	...	...	7.5	—	
\$15 to \$19	324.8	...	...	...	...	5.9	2.0	...	...	11.1	1.0	
\$20 to \$24	245.3	...	...	...	...	5.5	—	...	...	9.6	—	
\$25 or more	300.5	...	...	...	...	6.5	—	...	...	17.4	3.7	
Median	18	...	...	...	...	...	...	...	...	20	...	
Condominium and Cooperative Fee																
Fee paid by owners	60.4	...	...	...	...	2.0	—	...	...	3.3	—	
Less than \$25 per month	1.1	...	...	...	...	—	—	...	...	—	—
\$25 to \$49	—	—	—	—	—	
\$50 to \$74	—	—	—	—	—	
\$75 to \$99	10.3	...	...	...	...	1.1	—	...	...	1.1	—	
\$100 to \$149	18.2	...	...	...	...	—	—	...	...	—	—
\$150 to \$199	4.3	...	...	...	...	1.0	—	...	...	1.1	—	
\$200 or more per month	13.0	...	...	...	...	—	—	...	...	—	—
Not reported	13.6	...	...	...	...	—	—	...	...	1.1	—	
Median	133	...	...	...	...	...	...	...	...	...	...
Other Housing Costs per Month																
Homeowner association fee paid	63.8	...	...	...	...	—	—	...	...	12.4	—	
Median	44	...	...	...	...	...	...	...	...	...	—
Mobile home park fee paid	1.1	...	...	...	...	—	—	...	...	—	1.1	
Median	—	
Land rent fee paid	2.1	...	...	...	...	—	—	...	...	—	—
Median	—	

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 years	Mobile homes		
			Occupied			Vacant										
			Total	Owner	Renter	Total	For rent	Rental vacancy rate	For sale only	Rented or sold	Occasional use/ URE	Other vacant				
OWNER HOUSING UNITS—Con.																
Value²																
Less than \$10,000	25.9	...	...	...	...	...	—	—	...	...	—	3.4
\$10,000 to \$19,999	30.5	...	...	...	...	...	—	—	...	...	4.9	5.8
\$20,000 to \$29,999	35.3	...	...	...	...	...	3.0	—	...	...	.4	3.7
\$30,000 to \$39,999	52.0	...	...	...	...	...	1.8	—	...	...	—	1.4
\$40,000 to \$49,999	39.0	...	...	...	...	...	7.2	—	...	...	—	—
\$50,000 to \$59,999	38.4	...	...	...	...	...	.9	—	...	...	—	—
\$60,000 to \$69,999	63.8	...	...	...	...	...	3.7	—	...	...	1.9	—
\$70,000 to \$79,999	60.1	...	...	...	...	...	2.1	.9	...	...	3.5	—
\$80,000 to \$99,999	190.8	...	...	...	...	...	2.1	—	...	...	2.9	—
\$100,000 to \$119,999	159.3	...	...	...	...	...	—	—	...	...	1.1	—
\$120,000 to \$149,999	203.9	...	...	...	...	...	.9	—	...	...	7.4	—
\$150,000 to \$199,999	229.4	...	...	...	...	...	1.8	1.0	...	...	10.2	—
\$200,000 to \$249,999	75.8	...	...	...	...	...	—	—	...	...	3.0	—
\$250,000 to \$299,999	62.8	...	...	...	...	...	—	—	...	...	7.2	—
\$300,000 or more	67.0	...	...	...	...	...	4.0	4.2	...	...	9.7	—
Median	116 478	...	...	...	...	...	...	...	...	...	169 502	...
Other Activities on Property																
Medical or commercial establishment	25.3	...	...	...	...	...	—	—	...	...	—	—
Neither	1 308.8	...	...	...	...	...	27.4	6.1	...	...	52.2	14.3

¹Rent asked for vacant units.

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

Table 2-1. Introductory Characteristics—Occupied Units

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

Characteristics	Total occupied units	Tenure		Housing unit characteristics				Household characteristics					Selected subareas ¹		
		Owner	Renter	New construction 4 years	Mobile homes	Physical problems		Black	Hispanic	Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three
						Severe	Moderate								
Sample Size	1 575	1 129	446	27	13	41	66	289	69	351	202	203	499	235	191
Total	1 874.6	1 334.1	540.5	48.7	13.4	49.6	75.3	341.5	79.1	406.3	236.9	248.5	582.3	281.7	210.8
Tenure															
Owner occupied	1 334.1	1 334.1	...	45.8	13.4	30.2	38.4	188.1	41.5	331.8	95.7	130.7	360.3	209.9	159.9
Percent of all occupied	71.2	100.0	...	94.1	100.0	61.0	51.0	55.1	52.4	81.7	40.4	52.6	61.9	74.5	75.9
Renter occupied	540.5	...	540.5	2.9	–	19.4	36.9	153.4	37.6	74.5	141.1	117.8	222.0	71.9	50.9
Race and Origin															
White	1 429.4	1 084.9	344.5	48.7	13.4	32.4	41.7	...	42.5	334.4	158.8	137.7	294.2	263.1	175.3
Non-Hispanic	1 386.9	1 063.3	323.6	47.6	13.4	32.4	40.5	...	...	326.5	152.6	126.1	276.5	260.8	172.0
Hispanic	42.5	21.6	20.9	1.1	–	–	1.2	...	42.5	7.9	6.2	11.6	17.7	2.3	3.2
Black	341.5	188.1	153.4	–	–	11.7	26.8	341.5	3.3	63.0	51.8	87.2	235.2	9.1	27.0
American Indian, Eskimo, and Aleut	5.9	4.7	1.2	–	–	–	1.1	...	–	2.3	–	–	2.2	1.2	1.1
Asian and Pacific Islander	51.8	36.4	15.4	–	–	2.3	2.4	...	2.2	1.1	10.3	8.0	23.7	6.0	6.3
Other	46.0	20.0	26.0	–	–	3.3	3.4	...	31.2	5.5	15.9	15.6	27.0	2.3	1.2
Total Hispanic	79.1	41.5	37.6	1.1	–	2.2	3.6	3.3	79.1	14.4	18.6	24.7	37.6	3.4	4.3
Units in Structure															
1, detached	863.3	806.1	57.2	34.1	...	22.5	16.1	55.3	13.9	192.1	52.8	64.3	56.2	171.1	103.3
1, attached	670.4	468.3	202.0	12.8	...	15.8	33.9	214.2	51.6	144.3	98.1	123.6	409.7	55.1	65.0
2 to 4	141.1	25.3	115.8	1.8	...	2.2	9.5	30.6	6.0	22.8	35.7	20.0	53.5	26.3	20.1
5 to 9	54.5	8.3	46.2	–	...	3.7	5.7	15.2	3.0	8.6	15.5	14.7	29.3	4.4	3.1
10 to 19	56.1	4.7	51.4	–	...	1.0	6.2	10.2	3.5	13.7	16.6	8.5	7.3	5.9	6.6
20 to 49	23.1	1.4	21.8	–	...	1.0	1.0	4.9	1.1	2.1	5.7	4.6	3.5	4.4	6.5
50 or more	52.6	6.5	46.1	–	...	3.3	1.9	11.1	–	21.6	11.3	10.4	21.6	13.4	6.3
Mobile home or trailer	13.4	13.4	–	–	13.4	–	1.0	–	–	1.2	1.1	2.6	1.2	1.1	–
Cooperatives and Condominiums															
Cooperatives	4.8	1.2	3.5	–	–	–	–	1.3	–	–	1.2	1.2	3.7	–	–
Condominiums	85.0	59.2	25.8	2.2	–	2.3	4.8	6.7	5.6	27.9	21.1	5.9	20.1	6.6	8.5
Year Structure Built²															
2000 to 2004	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
1995 to 1999	74.2	69.0	5.2	48.7	–	–	–	1.3	1.1	13.2	17.2	3.5	–	13.5	2.1
1990 to 1994	113.6	96.3	17.3	–	–	1.0	4.8	15.9	1.1	23.8	15.4	15.8	14.9	15.4	15.9
1985 to 1989	89.6	76.5	13.1	...	2.1	2.3	2.1	4.6	5.0	11.2	11.2	5.6	15.2	14.7	4.2
1980 to 1984	76.2	57.3	18.9	...	3.0	2.2	1.2	3.6	1.2	10.1	10.8	8.2	6.0	12.4	6.6
1975 to 1979	108.1	75.0	33.1	...	4.2	1.1	2.3	8.6	1.7	19.7	13.5	7.3	7.1	11.8	7.3
1970 to 1974	112.0	68.6	43.4	...	2.8	–	2.1	5.6	5.9	22.4	17.4	10.2	8.1	20.2	16.4
1960 to 1969	267.0	177.2	89.7	...	1.2	6.5	4.4	27.2	13.7	56.9	28.8	23.6	58.3	59.2	32.5
1950 to 1959	266.9	210.2	56.8	...	–	3.5	7.1	36.1	4.3	76.1	22.1	29.2	68.7	56.8	39.4
1940 to 1949	159.1	109.1	50.0	...	–	10.8	5.8	37.0	10.4	32.6	23.5	30.3	65.3	14.5	28.4
1930 to 1939	135.5	80.5	55.0	...	–	8.3	13.7	50.5	10.7	29.6	12.5	29.7	80.5	9.3	20.8
1920 to 1929	179.8	117.5	62.3	...	–	1.1	9.2	61.7	8.2	47.2	28.2	28.4	88.5	28.1	15.2
1919 or earlier	292.5	196.9	95.6	...	–	12.9	22.7	89.5	15.8	63.6	36.4	56.5	169.7	26.0	22.0
Median	1956	1958	1951	1995+	...	1942	1934	1934	1945	1954	1958	1943	1934	1961	1955
Selected Geographic Areas															
Bucks County, PA	213.8	158.4	55.4	8.0	1.0	1.1	10.4	8.9	5.3	40.4	20.1	10.7	–	–	–
Chester County, PA	160.2	131.1	29.1	18.3	–	7.1	2.2	6.8	2.4	25.8	19.1	19.1	–	–	–
Delaware County, PA	210.8	159.9	50.9	2.1	–	4.2	9.6	27.0	4.3	53.5	20.8	22.1	–	–	210.8
Montgomery County, PA	281.7	209.9	71.9	9.7	1.1	8.0	7.2	9.1	3.4	68.1	36.5	15.6	–	281.7	–
Philadelphia City/County, PA	582.3	360.3	222.0	–	1.2	18.6	40.1	235.2	37.6	144.1	85.7	148.8	582.3	–	–
Burlington County, New Jersey	151.0	123.4	27.6	5.2	10.0	6.4	2.6	20.7	8.1	21.4	20.3	5.5	–	–	–
Camden County, New Jersey	185.0	119.3	65.7	1.6	–	4.2	2.0	27.6	15.5	41.6	24.3	17.5	–	–	–
Gloucester County, New Jersey	89.7	71.7	18.0	3.7	–	–	–	6.2	2.5	11.3	10.0	9.1	–	–	–

¹See back cover for details.

²For mobile homes, 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 years	Mobile homes	Physical problems		Black	Hispanic	Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three
						Severe	Moderate								
Total	1 874.6	1 334.1	540.5	48.7	13.4	49.6	75.3	341.5	79.1	406.3	236.9	248.5	582.3	281.7	210.8
Stories in Structure²															
1	139.4	93.9	45.5	—	...	1.2	1.1	12.6	6.2	35.2	13.7	16.7	7.5	12.1	11.9
2	530.3	350.7	179.6	18.1	...	10.8	18.4	86.8	20.3	125.9	88.7	67.6	104.0	86.8	41.2
3	918.4	711.3	207.1	28.5	...	27.3	37.8	181.0	42.5	180.7	87.4	114.4	349.1	132.5	122.8
4 to 6	235.2	156.8	78.4	2.2	...	7.1	16.0	54.1	10.2	49.9	37.3	38.9	99.7	42.7	32.9
7 or more	37.9	8.1	29.9	—	...	3.1	1.0	7.0	—	13.4	8.5	8.3	20.8	6.5	2.1
Stories Between Main and Apartment Entrances															
Multiunits, 2 or more floors	313.9	42.8	271.1	1.8	...	11.3	24.3	70.4	12.5	66.5	78.3	55.6	114.0	53.3	39.2
None (on same floor)	100.5	19.4	81.2	1.8	...	2.5	11.6	25.4	5.1	19.4	23.0	22.3	35.3	13.8	8.6
1 (up or down)	87.9	9.6	78.2	—	...	1.0	6.1	21.8	5.1	15.9	21.8	12.3	30.2	15.7	11.1
2 or more (up or down)	125.5	13.8	111.7	—	...	7.8	6.7	23.2	2.3	31.2	33.4	21.0	48.4	23.8	19.4
Common Stairways															
Multiunits, 2 or more floors	313.9	42.8	271.1	1.8	...	11.3	24.3	70.4	12.5	66.5	78.3	55.6	114.0	53.3	39.2
No common stairways	34.6	3.6	31.0	—	...	—	4.8	8.5	3.4	8.2	10.4	9	6.2	3.6	—
With common stairways	277.2	39.2	238.0	1.8	...	11.3	19.5	60.7	9.1	58.3	67.9	53.6	106.8	49.7	39.2
No loose steps	249.6	35.8	213.8	1.8	...	8.9	17.2	50.5	7.3	53.5	59.6	45.6	94.0	47.2	38.0
Railings not loose	202.5	28.3	174.1	1.8	...	7.8	14.7	40.8	4.2	46.7	49.4	35.6	75.0	41.5	26.0
Railings loose	29.1	3.2	25.9	—	...	—	2.5	5.9	2.3	4.4	9.1	7.4	14.3	—	7.3
No railings	17.0	4.3	12.7	—	...	1.1	—	3.8	—	2.4	—	2.5	4.7	4.6	4.8
Status of railings not reported	1.1	—	1.1	—	...	—	—	—	—	—	1.1	—	—	1.1	—
Loose steps	27.6	3.4	24.2	—	...	2.4	2.3	10.3	1.9	4.8	8.3	8.0	12.7	2.5	1.2
Railings not loose	18.3	2.3	16.0	—	...	1.3	—	6.8	1.9	2.3	7.1	3.2	9.3	2.5	—
Railings loose	6.8	1.1	5.7	—	...	1.2	2.3	3.5	—	—	1.2	2.3	3.5	—	1.2
No railings	2.5	—	2.5	—	...	—	—	—	—	2.5	—	2.5	—	—	—
Status of railings not reported	—	—	—	—	...	—	—	—	—	—	—	—	—	—	—
Status of stairways not reported	2.1	—	2.1	—	...	—	—	1.1	—	—	—	1.1	1.1	—	—
Light Fixtures in Public Halls															
2 or more units in structure	327.5	46.2	281.3	1.8	...	11.3	24.3	72.0	13.7	68.7	84.8	58.1	115.2	54.4	42.5
No public halls	42.5	7.7	34.8	—	...	—	1.2	7.9	1.9	5.9	10.6	5.5	8.6	6.1	2.1
No light fixtures in public halls	5.1	2.5	2.5	—	...	—	—	1.4	—	1.2	—	1.4	—	1.1	1.4
All in working order	253.6	36.0	217.6	1.8	...	11.3	18.6	60.4	10.8	55.0	64.6	46.1	99.1	43.7	34.6
Some in working order	8.2	—	8.2	—	...	—	1.1	1.2	1.0	1.0	2.2	1.1	2.3	1.1	1.4
None in working order	13.3	—	13.3	—	...	—	2.5	—	—	5.7	3.2	1.1	2.3	2.3	2.1
Not reported	5.0	—	5.0	—	...	—	9	1.1	—	—	2.8	2.9	2.9	—	1.0
Elevator on Floor															
Multiunits, 2 or more floors	313.9	42.8	271.1	1.8	...	11.3	24.3	70.4	12.5	66.5	78.3	55.6	114.0	53.3	39.2
With 1 or more elevators working	60.5	9.3	51.2	—	...	3.3	3.3	9.5	—	19.2	10.9	8.9	19.4	25.6	6.3
With elevator, none in working condition	2.2	—	2.2	—	...	—	—	1.2	—	1.0	—	1.2	—	—	—
No elevator	251.3	33.5	217.7	1.8	...	8.0	21.0	59.6	12.5	46.2	67.4	45.5	94.6	27.6	32.9
Units 3 or more floors from main entrance	17.5	3.2	14.3	—	...	2.3	1.1	6.8	—	2.3	3.0	3.3	6.5	—	4.4
Foundation															
1 unit bldg. excl. mobile homes	1 533.7	1 274.5	259.2	46.9	...	38.3	50.0	269.5	65.5	336.4	150.9	187.8	465.9	226.3	168.3
With basement under all of building	976.6	816.9	159.7	31.9	...	25.5	38.3	218.3	47.7	229.4	96.0	142.9	396.2	137.0	128.0
With basement under part of building	267.4	239.4	28.0	8.7	...	6.7	10.6	20.8	7.2	35.5	27.1	18.4	44.4	46.9	30.2
With crawl space	73.2	65.0	8.2	—	...	1.8	—	2.3	—	22.2	4.3	7.5	—	17.1	5.6
On concrete slab	207.4	150.8	56.7	6.3	...	4.4	1.1	26.9	9.5	48.1	22.4	18.0	20.7	25.2	3.3
Other	9.1	2.4	6.7	—	...	—	—	1.2	1.1	1.2	1.2	1.1	4.6	—	1.2
External Building Conditions³															
Sagging roof	44.4	31.4	13.0	1.3	...	—	—	9.5	15.3	1.2	5.4	2.4	21.0	5.7	6.6
Missing roofing material	62.6	42.7	19.9	—	...	—	—	12.7	17.4	6.6	13.4	8.8	12.5	28.7	8.3
Hole in roof	45.9	26.5	19.3	—	...	1.2	—	13.3	17.5	3.7	4.6	3.7	12.4	26.0	3.7
Missing bricks, siding, other outside wall material	47.4	31.2	16.2	—	...	1.2	—	11.2	19.1	—	6.6	3.4	24.0	6.0	5.3
Sloping outside walls	30.4	21.1	9.3	—	...	—	—	2.3	6.7	1.2	4.7	1.0	2.3	8.2	4.3
Boarded up windows	11.7	4.8	6.8	—	...	1.1	—	2.3	3.4	2.2	2.2	1.1	4.4	8.2	1.3
Broken windows	69.5	49.6	19.9	—	...	3.2	—	9.0	13.0	6.5	8.0	9.5	11.6	19.8	10.4
Bars on windows	143.9	80.2	63.7	—	...	4.7	—	8.8	67.5	7.7	34.8	21.0	38.9	119.7	7.1
Foundation crumbling or has open crack or hole	43.5	25.8	17.7	—	...	4.9	—	5.9	14.2	2.5	3.3	6.5	7.3	16.5	5.8
None of the above	1 406.1	1 050.2	355.9	46.3	11.9	32.4	30.3	192.6	53.8	310.5	167.7	165.4	345.2	238.2	161.0
Not reported	69.9	57.3	12.6	1.1	1.5	3.5	7.5	25.4	2.1	13.2	12.2	8.0	36.6	5.9	9.5
Site Placement															
Mobile homes	13.4	13.4	—	—	13.4	—	1.0	—	—	1.2	1.1	2.6	1.2	1.1	—
First site	8.4	8.4	—	—	8.4	—	—	—	—	1	—	1.5	1.2	—	—
Moved from another site	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Don't know	5.0	5.0	—	—	5.0	—	1.0	—	—	1.1	1.1	1.1	—	1.1	—
Not reported	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Previous Occupancy															
Unit built 1990 or later	187.8	165.3	22.5	48.7	—	1.0	4.8	17.2	2.2	37.0	32.6	19.3	14.9	28.8	18.0
Not previously occupied	102.0	100.9	1.0	40.0	—	1.0	—	2.5	—	21.2	9.6	9.3	3.5	19.6	2.5
Not reported	7.9	7.9	—	1.1	—	—	—	—	—	1.4	1.1	1.4	—	1.1	1.1

¹See back cover for details.

²Figures exclude mobile homes.

³Figures 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 years	Mobile homes	Physical problems		Black	Hispanic	Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three
						Severe	Moderate								
Total	1 874.6	1 334.1	540.5	48.7	13.4	49.6	75.3	341.5	79.1	406.3	236.9	248.5	582.3	281.7	210.8
Rooms															
1 room	2.4	1.2	1.2	—	—	—	—	—	—	—	1.2	2.4	2.4	—	—
2 rooms	15.4	1.1	14.3	—	—	2.2	2.5	2.4	1.2	2.4	3.6	2.4	10.9	—	—
3 rooms	143.8	6.2	137.6	—	—	3.5	11.9	36.5	9.2	38.0	30.5	30.8	53.2	18.9	12.8
4 rooms	242.1	77.3	164.8	1.8	5.2	10.8	13.8	50.3	12.2	42.9	65.4	40.2	89.6	25.2	26.4
5 rooms	316.2	210.3	105.9	10.4	6.8	11.1	8.9	54.2	11.4	70.6	41.4	58.8	95.0	50.6	32.8
6 rooms	479.5	404.5	75.0	5.9	1.4	11.6	20.1	116.2	27.1	118.8	45.3	67.7	208.4	50.7	61.9
7 rooms	264.9	243.9	21.0	8.1	—	6.7	5.4	40.3	5.0	66.7	21.3	20.7	68.2	43.3	40.2
8 rooms	222.8	209.4	13.4	14.3	—	1.3	5.8	25.3	6.4	34.0	13.0	16.2	33.3	42.5	20.9
9 rooms	125.6	123.2	2.4	7.8	—	2.4	3.4	7.0	4.2	16.4	10.3	5.8	5.6	32.6	12.0
10 rooms or more	61.9	57.1	4.8	.4	—	—	3.4	9.3	2.5	16.7	4.9	3.6	15.7	17.9	3.8
Rooms Used for Business															
Business only															
1 or more rooms with direct access	47.3	32.7	14.6	1.8	—	4.1	2.3	9.1	2.3	8.6	1.3	2.1	13.7	5.6	7.6
1 or more rooms, no direct access	88.7	69.5	19.2	3.8	1.5	—	1.2	17.0	2.2	12.8	7.4	4.7	22.3	18.6	12.1
Not reported	8.8	8.8	—	—	—	—	3.2	2.3	—	1.1	2.5	1.2	5.9	—	1.0
Business and other use															
1 or more rooms	201.6	166.9	34.8	9.1	1.0	9.7	10.1	27.6	3.2	17.2	18.0	7.1	44.8	28.8	28.3
Not reported	8.8	7.6	1.2	—	—	—	3.2	2.3	—	1.1	3.7	—	5.9	—	1.0
Bedrooms															
None	12.3	3.7	8.6	—	—	1.1	2.5	1.3	1.2	3.8	3.6	5.0	8.6	—	—
1	220.3	22.4	197.9	—	—	5.8	12.8	64.4	10.3	53.7	47.5	49.5	89.9	24.8	21.2
2	413.2	219.5	193.7	12.1	9.2	19.6	20.5	61.3	19.6	88.4	89.7	63.5	135.0	63.6	44.4
3	759.8	650.3	109.5	11.8	4.2	18.3	22.8	149.8	36.8	172.6	66.7	95.9	268.5	91.5	101.7
4 or more	469.0	438.2	30.8	24.8	—	4.9	16.7	64.8	11.2	87.8	29.4	34.5	80.2	101.8	43.6
Complete Bathrooms															
None	4.4	3.2	1.2	—	—	1.1	2.2	1.1	—	1.1	1.1	1.1	2.3	—	1.0
1	829.3	407.2	422.1	1.8	10.8	31.0	43.9	212.6	53.2	191.1	141.7	172.5	363.0	88.9	83.9
1 and one-half	407.1	345.7	61.3	3.9	—	10.1	15.6	62.1	9.1	87.7	36.8	41.9	129.2	64.7	57.1
2 or more	633.8	577.9	55.8	43.0	2.6	7.4	13.5	65.7	16.8	126.4	57.2	33.1	87.8	128.1	68.9
Square Footage of Unit															
Single detached and mobile homes															
Less than 500	876.7	819.5	57.2	34.1	13.4	22.5	17.1	55.3	13.9	193.3	53.9	66.8	57.4	172.2	103.3
500 to 749	12.1	10.9	1.2	—	1.5	3.9	—	2.3	—	1.1	1.1	2.3	2.3	2.2	1.0
750 to 999	10.9	10.9	—	—	3.8	—	—	—	—	2.3	1.5	2.4	2.4	1.1	—
1,000 to 1,499	35.8	33.5	2.4	—	4.3	—	—	1.0	—	10.2	—	7.4	—	5.7	2.1
1,500 to 1,999	88.5	82.6	5.9	—	1.1	3.6	3.6	6.2	1.1	29.8	7.8	11.8	4.4	18.9	13.3
2,000 to 2,499	145.0	131.8	13.1	6.3	—	3.0	2.3	9.9	3.9	28.6	11.5	6.7	9.4	27.9	11.8
2,500 to 2,999	139.9	137.7	2.2	2.9	1.2	2.1	3.3	4.5	2.2	24.7	5.7	2.6	7.2	34.4	27.3
3,000 to 3,999	99.2	98.2	1.1	8.5	—	1.1	—	3.5	2.2	18.9	7.9	1.2	1.2	21.9	14.6
4,000 or more	95.1	92.7	2.4	4.7	—	—	—	1.2	1.1	13.6	3.8	2.2	6.9	19.8	8.7
Not reported	64.8	57.1	7.7	4.6	—	3.5	2.4	3.5	—	14.8	3.2	4.6	7.2	17.2	3.2
Median	185.3	164.2	21.2	7.3	1.5	5.2	4.6	23.1	3.4	49.1	11.5	25.7	16.2	23.1	21.3
Median	2 191	2 211	1 823	2 751	...	...	...	1 830	...	2 000	1 974	1 358	2 140	2 272	2 233
Lot Size²															
Less than one-eighth acre	444.7	333.1	111.6	7.9	2.5	11.4	23.5	134.6	30.9	112.4	47.6	88.2	245.1	38.5	53.8
One-eighth up to one-quarter acre	388.3	314.4	73.9	1.6	9.7	6.9	16.0	78.8	21.0	93.7	39.7	50.8	152.6	42.6	47.3
One-quarter up to one-half acre	228.6	207.0	21.5	16.8	—	3.3	2.4	24.2	4.5	47.4	24.4	13.1	23.1	49.5	19.3
One-half up to one acre	190.6	181.2	9.3	11.3	—	3.4	3.4	7.8	3.4	38.5	15.7	17.7	11.5	53.4	12.7
1 up to 5 acres	194.5	178.7	15.8	7.1	1.1	8.7	3.6	11.6	1.3	25.8	7.4	8.8	9.1	33.4	26.6
5 up to 10 acres	15.4	11.8	3.6	—	—	—	—	4.3	—	5.8	1.1	4.8	8.1	3.3	—
10 acres or more	29.1	23.3	5.8	—	—	2.4	1.1	2.7	—	2.4	3.3	2.2	7.0	3.3	2.1
Median .....	.22	.24	.14	.44	...	.25	.14	.13	.13	.19	.20	.14	.13	.41	.20
Persons per Room															
0.50 or less	1 352.8	979.1	373.7	34.4	11.9	34.3	53.3	253.5	37.1	362.8	160.3	172.3	415.0	216.8	157.4
0.51 to 1.00	491.2	337.2	154.0	14.3	—	15.4	20.7	76.2	38.6	41.1	72.1	63.2	149.7	62.5	52.5
1.01 to 1.50	30.6	17.8	12.8	—	1.5	—	1.2	11.9	3.4	2.5	4.5	13.0	17.6	2.4	1.0
1.51 or more	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Persons per Bedroom															
0.50 or less	440.4	361.6	78.7	14.1	5.5	8.7	20.0	73.0	13.5	161.6	36.5	56.6	126.1	75.6	55.2
0.51 to 1.00	912.9	624.9	288.0	20.2	6.4	25.6	29.9	179.6	21.5	192.3	118.5	119.5	287.3	144.5	106.4
1.01 to 1.50	281.0	230.7	50.4	9.9	—	7.5	13.4	37.0	15.6	21.5	36.4	21.3	65.6	40.7	26.5
1.51 or more	228.0	113.2	114.8	4.5	1.5	6.7	9.5	50.7	27.4	27.0	41.9	46.0	94.7	21.0	22.7
No bedrooms	12.3	3.7	8.6	—	—	1.1	2.5	1.3	1.2	3.8	3.6	5.0	8.6	—	—
Square Feet per Person															
Single detached and mobile homes															
Less than 200	876.7	819.5	57.2	34.1	13.4	22.5	17.1	55.3	13.9	193.3	53.9	66.8	57.4	172.2	103.3
200 to 299	17.4	16.2	1.2	—	1.5	3.9	—	2.3	—	2.2	1.1	2.3	2.3	3.3	2.1
300 to 399	31.1	29.9	1.2	—	1.0	—	—	1.2	2.2	7.0	1.2	2.4	1.2	4.9	2.1
400 to 499	66.4	60.5	5.9	3.1	1.4	2.5	2.2	4.8	—	4.2	1.0	7.3	6.8	15.5	5.7
500 to 599	54.5	54.5	—	2.2	1.4	—	—	2.6	—	1.6	5.8	2.4	4.8	2.3	6.3
600 to 699	58.5	56.1	2.4	6.0	1.2	1.1	—	—	—	7.7	10.2	2.3	1.2	15.8	8.8
700 to 799	63.0	61.9	1.1	1.7	—	—	—	1.4	3.5	1.0	12.7	1.4	2.5	11.4	10.7
800 to 899	46.4	46.4	—	—	1.4	3.0	1.2	—	—	7.5	6.0	1.8	—	7.3	5.6
900 to 999	54.6	50.0	4.6	3.5	1.5	—	—	2.3	—	1.2	7.9	4.6	6.1	2.3	16.1
1,000 to 1,499	35.6	29.5	6.0	—	1.4	—	—	1.1	—	6.9	3.3	—	1.2	9.5	4.4
1,500 or more	121.9	119.2	2.7	7.4	—	3.5	2.1	2.3	1.1	33.6	4.6	4.9	2.3	31.0	14.9
Not reported	142.0	131.0	11.0	2.9	1.2	3.2	3.5	12.0	3.4	48.7	6.6	6.7	20.2	28.0	18.2
Median	185.3	164.2	21.2	7.3	1.5	5.2	4.6	23.1	3.4	49.1	11.5	25.7	16.2	23.1	21.3
Median	815	804	927	812	...	...	...	872	...	1 152	766	657	1 411	862	816

¹See back cover for details.

²Does not include multiunits, cooperatives, or condominiums.

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

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

Characteristics	Total occupied units	Tenure		Housing unit characteristics				Household characteristics					Selected subareas ¹		
		Owner	Renter	New construction 4 years	Mobile homes	Physical problems		Black	Hispanic	Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three
						Severe	Moderate								
Total	1 874.6	1 334.1	540.5	48.7	13.4	49.6	75.3	341.5	79.1	406.3	236.9	248.5	582.3	281.7	210.8
Equipment²															
Lacking complete kitchen facilities	27.6	11.2	16.4	—	—	3.3	24.3	6.9	1.2	5.2	9.9	5.7	13.1	2.2	4.2
With complete kitchen (sink, refrigerator, and oven or burners)	1 847.0	1 322.9	524.1	48.7	13.4	46.3	51.0	334.6	77.9	401.1	226.9	242.8	569.2	279.5	206.6
Kitchen sink	1 868.9	1 329.5	539.4	48.7	13.4	48.5	70.7	340.4	77.9	405.2	235.8	247.4	581.2	280.6	210.8
Refrigerator	1 869.1	1 330.8	538.3	48.7	13.4	47.3	72.1	340.3	79.1	405.3	234.7	248.5	580.1	281.7	209.8
Cooking stove or range	1 861.9	1 325.8	536.1	48.7	13.4	46.1	70.0	339.0	79.1	405.3	233.8	245.2	576.6	281.7	208.8
Burners, no stove or range	6.0	4.0	2.0	—	—	—	2.1	—	—	1.1	.9	3.3	2.1	—	—
Microwave oven only	2.5	—	2.5	—	—	2.5	—	1.4	—	—	—	—	1.4	—	1.0
Dishwasher	1 025.9	848.4	177.5	48.7	2.7	21.2	19.7	69.0	23.5	204.1	119.5	63.6	169.1	193.5	133.6
Washing machine	1 509.1	1 263.0	246.1	48.7	12.0	37.0	43.2	214.7	54.8	329.0	145.3	161.4	418.2	231.5	175.4
Clothes dryer	1 394.4	1 189.5	204.9	48.7	11.0	32.7	34.9	162.2	38.4	289.4	135.8	125.4	346.8	230.4	164.7
Disposal in kitchen sink	745.7	577.8	168.0	33.9	—	15.3	11.4	57.9	16.6	140.6	98.4	54.6	193.8	136.4	58.5
Trash compactor	53.0	44.1	8.9	—	—	1.2	2.2	3.4	3.2	11.7	5.2	2.2	19.1	6.9	6.7
Air conditioning:															
Central	860.3	695.0	165.4	47.7	8.1	17.6	14.5	57.8	21.0	173.7	110.4	61.5	141.3	144.6	91.3
Additional central	42.9	36.0	6.9	—	—	—	—	3.2	—	7.0	3.4	3.6	11.8	4.8	3.7
1 room unit	348.0	186.8	161.2	—	1.5	13.9	27.4	100.3	20.5	76.5	41.9	76.9	142.5	46.4	38.0
2 room units	327.2	221.2	106.0	—	2.6	10.0	19.9	81.2	15.6	77.4	48.9	45.5	140.5	53.8	44.2
3 room units or more	182.2	158.2	24.0	1.0	1.2	1.1	4.3	26.1	8.5	44.2	6.4	14.7	68.9	22.6	25.7
Main Heating Equipment															
Warm-air furnace	1 009.8	741.8	268.0	40.0	12.1	27.3	30.1	172.9	39.3	213.8	137.8	129.8	279.6	121.1	118.1
Steam or hot water system	623.7	440.3	183.4	—	—	16.5	33.7	146.5	29.9	144.5	66.3	95.2	253.1	116.6	68.1
Electric heat pump	101.1	73.0	28.1	7.7	—	3.4	2.3	4.5	2.1	14.0	15.1	7.1	12.1	22.5	9.8
Built-in electric units	75.6	37.0	38.6	—	1.2	1.1	3.3	10.6	2.4	19.6	7.3	10.7	14.2	16.6	6.5
Floor, wall, or other built-in hot-air units without ducts	45.6	30.4	15.3	1.0	—	1.2	1.1	4.6	5.4	12.2	5.9	4.4	21.0	2.6	5.2
Room heaters with flue	8.3	3.5	4.8	—	—	—	—	1.3	1.3	—	3.3	1.3	1.3	1.2	2.1
Room heaters without flue	3.5	2.5	1.1	—	—	—	—	3.5	—	—	1.1	—	—	—	1.1
Portable electric heaters	1.1	1.1	—	—	—	—	—	—	—	—	—	—	—	—	—
Stoves	3.6	3.6	—	—	—	—	—	—	—	—	—	—	—	—	1.1
Fireplaces with inserts	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fireplaces without inserts	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other	2.3	1.1	1.2	—	—	—	—	—	1.2	—	1.2	—	1.1	—	—
Cooking stove	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
None	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Heating Equipment²															
Warm-air furnace	10.2	9.0	1.2	—	—	1.1	1.1	—	—	3.3	1.1	—	2.3	—	—
Steam or hot water system	8.1	7.0	1.1	—	—	1.1	—	1.1	—	1.1	—	—	1.1	1.3	2.3
Electric heat pump	5.8	5.8	—	—	—	1.1	—	—	—	2.3	—	—	1.2	—	1.1
Built-in electric units	40.9	39.9	1.1	—	—	1.1	—	2.2	3.2	3.3	1.1	1.1	7.0	11.4	3.5
Floor, wall, or other built-in hot-air units without ducts	4.4	3.4	1.1	—	—	1.1	2.2	1.1	—	1.1	1.1	—	1.1	—	—
Room heaters with flue	13.5	11.2	2.3	—	—	1.1	2.3	6.8	—	3.3	—	2.2	5.7	1.1	1.1
Room heaters without flue	35.8	31.0	4.9	—	—	—	4.7	11.4	—	2.2	1.0	6.0	9.3	5.9	1.0
Portable electric heaters	168.0	129.8	38.2	1.3	—	7.1	11.3	38.9	10.7	34.4	7.0	23.4	58.2	29.0	26.2
Stoves	64.8	61.3	3.5	—	—	2.2	2.4	4.7	1.1	6.0	1.0	2.4	3.4	22.7	4.2
Fireplaces with inserts	59.9	58.6	1.3	6.7	—	1.1	3.4	1.0	—	9.5	6.2	6.2	4.8	11.4	5.6
Fireplaces without inserts	27.0	25.9	1.1	—	—	—	—	1.1	2.1	3.5	2.2	1.1	5.9	4.7	5.6
Other	11.6	9.1	2.5	1.1	—	—	1.1	1.1	1.6	2.2	—	—	1.1	1.1	—
Cooking stove	11.8	10.6	1.2	—	—	1.2	1.1	1.2	—	1.1	—	1.2	4.8	3.6	—
None	1 507.0	1 020.9	486.1	39.5	13.4	40.3	54.8	282.5	66.3	340.9	213.9	210.5	496.6	210.4	166.1
Used as parallel heating equipment ²	49.4	45.9	3.5	—	—	1.2	3.3	7.0	1.6	10.0	1.1	3.7	9.3	9.2	—
Warm-air furnace	3.4	3.4	—	—	—	—	—	—	—	1.1	—	—	1.2	—	—
Steam or hot water system	2.2	2.2	—	—	—	—	—	—	—	1.1	—	—	1.1	—	—
Electric heat pump	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Built-in electric units	13.2	12.1	1.1	—	—	—	—	—	—	2.1	1.1	—	—	5.9	—
Floor, wall, or other built-in hot-air units without ducts	1.1	1.1	—	—	—	—	1.1	—	—	1.1	—	—	—	—	—
Room heaters with flue	5.8	4.5	1.2	—	—	—	2.3	—	—	1.1	—	1.1	2.3	—	—
Stoves	12.9	12.9	—	—	—	—	—	1.4	—	2.4	—	1.4	1.1	2.2	—
Fireplaces with inserts	6.8	6.8	—	—	—	—	1.1	1.0	—	—	—	—	—	1.1	—
Fireplaces with no inserts	1.3	1.3	—	—	—	—	—	—	—	—	—	—	1.3	—	—
Cooking stove	1.2	—	1.2	—	—	1.2	—	1.2	—	—	—	1.2	1.2	—	—
Other	2.7	2.7	—	—	—	—	1.1	1.1	1.6	1.1	—	—	1.1	—	—
Used as supplemental heating equipment ²	317.4	266.4	51.0	9.2	—	8.2	18.4	53.6	12.8	50.9	15.2	35.6	76.8	61.1	40.6
Warm-air furnace	3.4	2.3	1.2	—	—	—	—	—	—	1.1	1.1	—	1.1	—	—
Steam or hot water system	3.7	2.6	1.1	—	—	—	—	1.1	—	—	—	—	—	1.3	2.3
Electric heat pump	2.5	2.5	—	—	—	—	—	—	—	1.2	—	—	1.2	—	—
Built-in electric units	27.7	27.7	—	—	—	1.1	—	2.2	3.2	1.1	—	1.1	7.0	5.6	3.5
Floor, wall, or other built-in hot-air units without ducts	1.1	—	1.1	—	—	—	1.1	1.1	—	—	1.1	—	1.1	—	—
Room heaters with flue	4.5	3.4	1.1	—	—	—	2.3	2.3	—	2.2	—	—	2.3	1.1	1.1
Room heaters without flue	35.8	31.0	4.9	—	—	—	4.7	11.4	—	2.2	1.0	6.0	9.3	5.9	1.0
Portable electric heaters	168.0	129.8	38.2	1.3	—	7.1	11.3	38.9	10.7	34.4	7.0	23.4	58.2	29.0	26.2
Stoves	51.9	48.4	3.5	—	—	2.2	2.4	3.3	1.1	3.6	1.0	1.1	2.3	20.5	4.2
Fireplaces with inserts	39.7	38.4	1.3	6.7	—	1.1	1.2	—	—	3.9	2.8	6.2	2.4	5.8	3.5
Fireplaces with no inserts	25.8	24.6	1.1	—	—	—	—	1.1	2.1	3.5	2.2	1.1	4.7	4.7	5.6
Cooking stove	8.2	8.2	—	—	—	—	—	1.1	—	1.1	—	—	2.3	3.6	—
Other	8.9	6.4	2.5	1.1	—	—	—	—	—	1.1	—	—	—	1.1	—
Plumbing															
With all plumbing facilities	1 846.7	1 314.6	532.2	48.7	13.4	21.8	75.3	338.1	76.9	401.1	233.4	241.7	570.8	277.3	208.8
Lacking some or all plumbing facilities ²	27.9	19.5	8.3	—	—	27.9	—	3.4	2.2	5.2	3.5	6.8	11.5	4.5	2.1
No hot piped water	1.1	1.1	—	—	—	1.1	—	—	—	—	1.1	—	—	—	—
No bathtub and no shower	1.1	1.1	—	—	—	1.1	—	—	—	—	1.1	—	—	—	—

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 years	Mobile homes	Physical problems		Black	Hispanic	Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three
						Severe	Moderate								
Primary Source of Water															
Public system or private company	1 678.4	1 163.6	514.8	36.1	12.1	43.7	73.0	336.6	79.1	375.6	227.2	235.0	579.9	237.1	205.3
Well serving 1 to 5 units	191.6	167.1	24.5	12.6	1.2	4.9	2.3	4.9	–	30.7	7.3	12.3	1.2	43.5	5.6
Drilled	175.0	154.5	20.5	12.6	1.2	3.5	2.3	4.9	–	29.4	6.0	10.9	1.2	40.0	5.6
Dug	9.9	8.5	1.3	–	–	1.3	–	–	–	1.3	–	1.3	–	2.2	–
Not reported	6.7	4.0	2.7	–	–	–	–	–	–	–	1.3	–	–	1.4	–
Other	4.7	3.4	1.2	–	–	1.1	–	–	–	–	2.3	1.2	1.2	1.1	–
Safety of Primary Source of Water															
Selected primary water sources ³	1 874.6	1 334.1	540.5	48.7	13.4	49.6	75.3	341.5	79.1	406.3	236.9	248.5	582.3	281.7	210.8
Safe to drink	1 686.4	1 226.4	460.1	46.8	11.9	38.2	58.4	280.9	61.2	377.5	208.9	217.3	492.4	269.8	202.4
Not safe to drink	171.4	96.7	74.7	1.9	1.5	8.9	14.8	57.0	17.9	26.7	25.6	30.1	84.2	10.9	7.4
Safety not reported	16.7	11.0	5.7	–	–	2.5	2.1	3.6	–	2.1	2.3	1.1	5.8	1.1	1.0
Source of Drinking Water															
Primary source not safe to drink	171.4	96.7	74.7	1.9	1.5	8.9	14.8	57.0	17.9	26.7	25.6	30.1	84.2	10.9	7.4
Drinking and primary water source the same	54.2	28.8	25.4	–	–	4.2	4.5	18.0	5.4	6.6	8.5	14.3	30.0	3.3	2.0
Public or private system	54.2	28.8	25.4	–	–	4.2	4.5	18.0	5.4	6.6	8.5	14.3	30.0	3.3	2.0
Individual well	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Spring	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cistern	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Stream or lake	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Other	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Drinking and primary water source different	114.9	66.8	48.1	1.9	1.5	2.4	10.3	37.9	12.5	20.1	16.0	15.8	54.2	7.6	5.4
Public or private system	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Individual well	1.2	1.2	–	–	–	–	–	–	–	1.2	–	1.2	–	1.2	–
Spring	21.9	18.4	3.5	–	–	1.2	2.3	10.1	–	4.5	5.5	3.4	18.2	–	–
Cistern	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Stream or lake	1.0	–	1.0	–	–	–	–	1.0	–	–	–	–	–	–	–
Commercial bottled water	76.1	41.5	34.6	1.9	1.5	1.2	8.0	25.6	12.5	10.3	9.2	8.7	27.1	6.4	4.2
Other	14.8	5.8	9.0	–	–	–	–	1.2	–	4.1	1.3	2.5	8.9	–	1.2
Source of drinking water not reported	2.3	1.1	1.2	–	–	2.3	–	1.2	–	–	1.1	–	–	–	–
Means of Sewage Disposal															
Public sewer	1 675.2	1 160.0	515.2	40.3	7.9	41.4	69.4	334.0	79.1	382.0	231.9	232.6	578.8	253.8	194.2
Septic tank, cesspool, chemical toilet	198.3	173.0	25.3	8.4	5.5	7.1	5.9	7.5	–	24.3	3.9	15.9	3.6	28.0	16.7
Other	1.1	1.1	–	–	–	1.1	–	–	–	–	1.1	–	–	–	–

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 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 years	Mobile homes	Physical problems		Black	Hispanic	Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three
						Severe	Moderate								
Total	1 874.6	1 334.1	540.5	48.7	13.4	49.6	75.3	341.5	79.1	406.3	236.9	248.5	582.3	281.7	210.8
Main House Heating Fuel															
Housing units with heating fuel	1 874.6	1 334.1	540.5	48.7	13.4	49.6	75.3	341.5	79.1	406.3	236.9	248.5	582.3	281.7	210.8
Electricity	262.6	146.7	115.8	7.7	1.2	6.7	10.1	34.6	10.1	51.9	42.6	35.0	51.7	47.1	30.4
Piped gas	1 095.9	770.8	325.1	25.7	—	26.7	48.0	244.0	51.8	237.7	149.6	157.1	458.3	127.2	123.4
Bottled gas	50.5	48.4	2.1	11.5	5.3	1.1	3.4	5.4	3.4	7.3	6.8	8.3	5.6	8.2	4.3
Fuel oil	449.5	357.6	91.8	3.8	5.3	13.4	13.8	55.4	13.8	105.8	35.5	43.4	66.8	94.6	51.7
Kerosene or other liquid fuel	6.7	3.3	3.4	—	1.5	1.8	—	1.2	—	1.2	2.3	3.3	—	1.2	1.0
Coal or coke	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Wood	8.2	7.2	1.0	—	—	—	—	1.0	—	2.5	—	1.4	—	3.3	—
Solar energy	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other	1.2	—	1.2	—	—	—	—	—	—	—	—	—	—	—	—
Other House Heating Fuels²															
With other heating fuel	359.0	305.7	53.3	9.2	—	8.2	19.5	56.9	12.8	64.3	19.6	38.0	82.5	71.4	43.8
Electricity	205.5	165.1	40.4	1.3	—	7.1	12.4	40.0	11.7	43.3	9.2	23.4	62.7	40.6	28.5
Piped gas	34.0	31.7	2.3	—	—	—	1.1	3.4	—	4.3	4.3	2.2	12.5	5.6	4.4
Bottled gas	9.4	6.9	2.6	4.7	—	—	—	—	—	1.1	—	3.5	—	—	—
Fuel oil	18.1	15.9	2.2	—	—	1.1	1.1	5.4	—	4.4	—	2.2	3.4	3.5	1.1
Kerosene or other liquid fuel	29.3	24.4	4.9	—	—	—	7.0	10.5	—	2.2	1.0	3.8	9.3	5.9	1.0
Coal or coke	1.2	1.2	—	—	—	—	—	—	—	—	—	—	—	—	—
Wood	118.8	114.2	4.6	3.2	—	2.2	4.7	6.8	3.2	14.6	6.2	5.1	7.0	26.3	13.4
Solar energy	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other	2.8	1.4	1.3	—	—	—	—	—	—	—	—	—	1.4	1.3	—
Cooking Fuel															
With cooking fuel	1 870.3	1 329.8	540.5	48.7	13.4	48.5	72.1	340.4	79.1	406.3	234.7	248.5	580.2	281.7	209.8
Electricity	838.2	625.0	213.2	26.2	2.3	22.0	22.8	66.9	25.3	168.6	93.2	79.0	89.3	192.0	100.0
Piped gas	973.2	652.9	320.3	19.0	—	22.6	45.9	267.0	50.3	231.4	134.5	164.1	486.4	81.6	107.6
Bottled gas	58.9	51.9	7.0	3.5	11.1	3.9	3.4	6.6	3.5	6.3	7.0	5.4	4.4	8.0	2.2
Kerosene or other liquid fuel	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Coal or coke	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Wood	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Water Heating Fuel															
With hot piped water	1 873.5	1 333.0	540.5	48.7	13.4	48.5	75.3	341.5	79.1	406.3	235.8	248.5	582.3	281.7	210.8
Electricity	446.2	305.6	140.6	12.4	9.4	14.5	12.0	43.7	14.6	82.1	63.2	38.3	43.8	84.2	61.5
Piped gas	1 165.7	814.2	351.5	27.2	—	29.4	52.8	272.5	57.9	260.3	151.6	183.2	507.0	129.6	126.8
Bottled gas	46.6	41.0	5.6	9.1	4.0	2.4	3.4	6.5	3.4	8.4	3.2	9.4	5.6	4.5	3.2
Fuel oil	210.0	170.9	39.1	—	—	2.2	7.2	18.8	3.2	53.1	16.5	15.0	24.7	60.9	19.3
Kerosene or other liquid fuel	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Coal or coke	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Wood	1.4	1.4	—	—	—	—	—	—	—	1.4	—	1.4	—	—	—
Solar energy	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other	3.8	—	3.8	—	—	—	—	—	—	1.1	1.2	1.2	1.2	2.6	—
Central Air Conditioning Fuel															
With central air conditioning	860.3	695.0	165.4	47.7	8.1	17.6	14.5	57.8	21.0	173.7	110.4	61.5	141.3	144.6	91.3
Electricity	780.7	627.8	152.9	43.2	8.1	16.3	13.1	49.8	18.9	154.5	101.2	56.4	118.9	132.0	77.1
Piped gas	73.0	61.7	11.3	4.5	—	1.3	1.4	7.9	2.1	17.0	9.1	5.1	21.2	10.4	14.2
Other	6.7	5.5	1.2	—	—	—	—	—	—	2.2	—	—	1.2	2.2	—
Other Central Air Fuel															
With other central air	42.9	36.0	6.9	—	—	—	—	3.2	—	7.0	3.4	3.6	11.8	4.8	3.7
Electricity	40.6	33.7	6.9	—	—	—	—	3.2	—	5.7	3.4	3.6	10.5	4.8	3.7
Gas	2.3	2.3	—	—	—	—	—	—	—	1.2	—	—	1.2	—	—
Other	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Clothes Dryer Fuel															
With clothes dryer	1 394.4	1 189.5	204.9	48.7	11.0	32.7	34.9	162.2	38.4	289.4	135.8	125.4	346.8	230.4	164.7
Electricity	906.2	745.9	160.4	26.4	6.6	26.0	26.1	98.5	27.7	189.3	88.6	82.4	160.6	173.1	90.7
Piped gas	468.3	423.7	44.5	17.0	—	5.6	8.8	61.5	10.7	98.7	42.6	43.0	184.0	50.4	74.0
Other	19.8	19.8	—	5.3	4.3	1.1	—	2.2	—	1.4	4.6	—	2.2	6.9	—
Units Using Each Fuel²															
Electricity	1 874.6	1 334.1	540.5	48.7	13.4	49.6	75.3	341.5	79.1	406.3	236.9	248.5	582.3	281.7	210.8
Piped gas	1 307.2	904.9	402.3	28.2	—	31.2	57.2	309.8	66.4	296.9	179.5	200.4	545.6	144.9	157.6
Bottled gas	99.8	86.7	13.1	12.6	12.1	6.3	5.5	8.7	5.8	13.4	8.1	14.8	6.7	12.7	4.3
Fuel oil	527.8	395.0	132.9	5.0	6.8	14.5	18.0	72.8	15.9	130.5	49.3	52.5	90.0	109.4	54.9
Kerosene or other liquid fuel	36.0	27.6	8.3	—	1.5	1.8	7.0	11.6	—	3.4	3.3	7.0	9.3	7.1	2.1
Coal or coke	1.2	1.2	—	—	—	—	—	—	—	—	—	—	—	—	—
Wood	123.3	117.7	5.6	3.2	—	2.2	4.7	7.8	3.2	15.7	6.2	5.1	7.0	28.5	13.4
Solar energy	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other	11.1	3.6	7.5	—	—	—	—	—	—	3.3	1.2	1.2	3.9	6.1	—
All electric units	182.1	108.3	73.8	4.0	1.2	4.4	6.7	11.8	3.5	31.5	27.0	11.2	22.4	38.6	19.3

¹See back cover for details.

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

Table 2-6. Failures in Equipment—Occupied Units

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

Characteristics	Total occupied units	Tenure		Housing unit characteristics				Household characteristics					Selected subareas ¹		
		Owner	Renter	New construction 4 years	Mobile homes	Physical problems		Black	Hispanic	Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three
						Severe	Moderate								
Total	1 874.6	1 334.1	540.5	48.7	13.4	49.6	75.3	341.5	79.1	406.3	236.9	248.5	582.3	281.7	210.8
Water Supply Stoppage															
With hot and cold piped water	1 873.5	1 333.0	540.5	48.7	13.4	48.5	75.3	341.5	79.1	406.3	235.8	248.5	582.3	281.7	210.8
No stoppage in last 3 months	1 787.5	1 285.0	502.5	47.6	7.8	42.8	66.4	324.1	74.0	395.1	218.6	229.6	551.5	271.7	202.9
With stoppage in last 3 months	64.1	32.0	32.1	1.1	5.6	5.7	4.7	11.6	2.3	9.0	10.4	12.9	17.5	9.0	4.3
No stoppage lasting 6 hours or more	23.7	11.8	11.8	—	1.4	1.2	—	3.5	1.2	3.3	2.5	4.6	7.1	5.6	2.1
1 time lasting 6 hours or more	23.8	13.9	9.9	1.1	1.2	2.1	1.1	1.2	1.1	3.5	6.7	3.6	3.6	2.2	2.2
2 times	7.4	4.0	3.4	—	2.9	—	—	1.3	1.1	—	—	1.3	2.3	—	—
3 times	4.6	1.1	3.5	—	—	—	1.2	2.3	2.4	—	1.1	—	2.2	1.1	—
4 times or more	3.3	1.1	2.2	—	—	—	—	2.3	—	—	—	—	2.2	—	—
Number of times not reported	1.2	—	1.2	—	—	—	—	1.2	—	—	—	—	1.2	—	—
Stoppage not reported	21.9	16.0	5.9	—	—	—	4.3	5.8	2.9	2.2	6.7	6.0	13.3	1.1	3.6
Flush Toilet Breakdowns															
With one or more flush toilets	1 873.5	1 333.0	540.5	48.7	13.4	48.5	75.3	341.5	79.1	406.3	235.8	248.5	582.3	281.7	210.8
With at least one working toilet at all times in last 3 months	1 796.0	1 289.3	506.7	48.7	13.4	41.8	61.3	325.0	72.7	397.5	219.9	229.9	541.7	275.7	204.5
None working some time in last 3 months	56.8	26.4	30.4	—	—	6.8	8.5	14.4	2.3	5.4	9.1	16.3	27.2	5.0	5.3
No breakdowns lasting 6 hours or more	24.5	12.6	11.9	—	—	—	2.2	4.4	—	4.3	4.8	4.8	12.9	1.1	2.2
1 time lasting 6 hours or more	22.3	11.4	10.9	—	—	4.1	3.7	3.6	1.1	—	4.2	5.4	7.8	3.9	3.1
2 times	7.4	1.1	6.2	—	—	2.6	1.3	5.0	—	1.1	—	3.6	3.9	—	—
3 times	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4 times or more	1.3	1.2	1.1	—	—	—	—	1.3	1.1	—	—	1.2	1.3	—	—
Number of times not reported	1.2	—	1.2	—	—	—	—	1.2	—	—	—	—	1.2	—	—
Breakdowns not reported	20.7	17.4	3.4	—	—	—	5.5	2.2	4.1	3.4	6.7	2.3	13.4	1.1	1.0
Sewage Disposal Breakdowns															
With public sewer	1 675.2	1 160.0	515.2	40.3	7.9	41.4	69.4	334.0	79.1	382.0	231.9	232.6	578.8	253.8	194.2
No breakdowns in last 3 months	1 647.0	1 144.6	502.3	40.3	7.9	38.8	64.8	324.7	78.0	379.9	228.3	226.4	566.9	252.6	188.9
With breakdowns in last 3 months	28.2	15.4	12.8	—	—	2.6	4.6	9.4	1.2	2.1	3.5	6.2	11.9	1.1	5.3
No breakdowns lasting 6 hours or more	6.7	3.2	3.4	—	—	—	1.0	—	—	—	1.2	3.7	3.7	—	1.0
1 time lasting 6 hours or more	15.4	11.1	4.4	—	—	—	1.1	4.5	1.2	1.1	1.1	1.2	4.4	1.1	4.2
2 times	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3 times	1.3	—	1.3	—	—	—	1.3	—	—	—	—	—	1.3	—	—
4 times or more	4.8	1.0	3.8	—	—	2.6	1.2	4.8	—	1.0	1.2	—	2.6	—	—
With septic tank or cesspool	198.3	173.0	25.3	8.4	5.5	7.1	5.9	7.5	—	24.3	3.9	15.9	3.6	28.0	16.7
No breakdowns in last 3 months	190.7	166.6	24.1	8.4	5.5	7.1	5.9	6.2	—	24.3	2.6	14.7	2.3	28.0	15.5
With breakdowns in last 3 months	7.6	6.4	1.2	—	—	—	—	1.2	—	—	1.3	1.2	1.2	—	1.2
No breakdowns lasting 6 hours or more	3.7	3.7	—	—	—	—	—	—	—	—	—	—	—	—	—
1 time lasting 6 hours or more	2.7	2.7	—	—	—	—	—	—	—	—	1.3	—	—	—	1.2
2 times	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3 times	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4 times or more	1.2	—	1.2	—	—	—	—	1.2	—	—	—	1.2	1.2	—	—
Heating Problems															
With heating equipment and occupied last winter	1 709.7	1 267.8	441.9	38.7	12.2	47.2	67.5	303.4	66.5	400.8	71.9	225.7	516.6	254.7	201.2
Not uncomfortably cold for 24 hours or more last winter	1 528.2	1 158.0	370.2	37.1	10.8	20.7	45.9	242.6	55.8	374.3	61.8	189.1	443.0	237.3	177.1
Uncomfortably cold for 24 hours or more last winter ²	154.6	88.7	65.9	1.6	—	25.4	17.3	55.1	10.0	19.5	5.7	30.5	60.2	16.3	19.5
Equipment breakdowns	66.9	42.5	24.4	1.6	—	21.8	3.6	21.9	4.5	6.6	4.4	13.0	24.5	9.1	8.7
No breakdowns lasting 6 hours or more	2.2	2.2	—	—	—	—	—	1.1	—	—	—	—	1.1	—	—
1 time lasting 6 hours or more	30.9	23.3	7.7	1.6	—	1.3	1.1	7.9	3.3	4.4	3.4	3.3	10.5	6.9	3.2
2 times	13.3	6.4	6.9	—	—	—	2.5	5.8	1.2	—	—	3.3	4.7	—	3.3
3 times	8.4	4.5	3.9	—	—	8.4	—	2.2	—	—	1.0	—	3.4	1.1	1.0
4 times or more	12.1	6.2	5.9	—	—	12.1	—	4.9	—	2.2	—	6.4	4.8	1.1	1.2
Number of times not reported	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other causes	97.0	49.7	47.3	—	—	8.4	14.9	38.0	5.5	12.9	3.4	17.5	40.6	9.6	12.9
Utility interruption	20.0	15.2	4.8	—	—	2.7	2.3	7.0	—	4.4	1.3	—	8.1	3.5	3.3
Inadequate heating capacity	22.0	10.9	11.2	—	—	3.7	2.3	10.5	3.4	2.1	—	3.3	13.0	2.6	1.0
Inadequate insulation	16.2	5.8	10.3	—	—	1.3	3.6	9.3	1.1	1.0	1.1	2.3	7.3	—	1.1
Cost of heating	9.5	4.3	5.1	—	—	1.4	3.3	7.1	—	2.2	—	2.6	5.9	—	2.2
Other	33.5	13.4	20.0	—	—	2.1	3.4	8.1	1.0	4.2	1.0	8.3	9.2	3.5	5.2
Not reported	2.4	—	2.4	—	—	—	—	2.4	—	—	—	2.4	1.2	—	—
Reason for discomfort not reported	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Discomfort not reported	26.9	21.0	5.8	—	1.5	1.1	4.3	5.8	7.0	4.4	6.2	6.2	13.5	1.1	4.6
Electric Fuses and Circuit Breakers															
With electrical wiring	1 874.6	1 334.1	540.5	48.7	13.4	49.6	75.3	341.5	79.1	406.3	236.9	248.5	582.3	281.7	210.8
No fuses or breakers blown in last 3 months	1 580.2	1 121.4	458.8	38.2	9.1	40.7	55.7	283.8	64.8	366.9	201.2	216.7	487.1	242.0	180.6
With fuses or breakers blown in last 3 months	261.6	187.6	74.0	10.5	4.2	7.8	13.0	48.9	11.5	35.0	27.9	29.5	79.3	37.6	26.0
1 time	137.4	103.8	33.5	7.1	2.8	2.1	4.7	20.1	7.0	17.1	12.7	15.2	31.4	15.2	11.0
2 times	46.1	30.3	15.8	—	—	2.5	3.4	9.9	1.1	11.3	4.7	6.9	19.8	9.3	4.2
3 times	42.9	27.3	15.6	—	—	2.1	3.4	9.2	1.2	4.2	4.4	1.5	16.3	7.9	6.3
4 times or more	35.2	26.1	9.2	3.3	1.5	1.2	1.5	9.7	2.3	2.3	6.2	5.8	11.7	5.2	4.5
Number of times not reported	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Problem not reported or don't know	32.9	25.2	7.7	—	—	1.1	6.6	8.8	2.8	4.4	7.7	2.3	16.0	2.2	4.2

¹See back cover for details.

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

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

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

Characteristics	Total occupied units	Tenure		Housing unit characteristics				Household characteristics					Selected subareas ¹		
		Owner	Renter	New construction 4 years	Mobile homes	Physical problems		Black	Hispanic	Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three
						Severe	Moderate								
Total	1 874.6	1 334.1	540.5	48.7	13.4	49.6	75.3	341.5	79.1	406.3	236.9	248.5	582.3	281.7	210.8
Selected Amenities²															
Porch, deck, balcony, or patio	1 389.7	1 103.5	286.3	42.5	10.8	32.7	49.7	217.6	49.3	306.9	154.0	126.4	330.7	240.4	168.9
Telephone available	1 737.3	1 254.2	483.1	45.8	12.3	42.4	69.6	290.9	70.2	382.2	212.3	220.6	513.0	269.3	195.8
Usable fireplace	535.7	506.0	29.7	34.9	1.4	5.7	12.1	26.3	7.6	99.4	40.2	24.8	50.2	111.6	71.8
Separate dining room	1 241.6	1 052.3	189.3	40.5	3.9	29.9	41.1	225.9	50.3	280.1	126.3	141.5	374.2	204.2	160.3
With 2 or more living rooms or recreation rooms, etc.	604.6	559.7	44.9	27.2	1.4	9.3	9.0	33.5	12.4	119.2	48.1	28.2	70.1	129.0	61.0
Garage or carport included with home	839.1	771.8	67.4	43.6	1.4	17.2	16.1	71.3	15.8	179.1	62.8	65.6	148.3	154.7	111.3
Not included	1 033.1	560.0	473.1	5.1	12.0	32.5	58.2	269.1	63.4	227.2	174.0	181.7	431.7	127.0	99.5
Off-street parking included	619.7	336.0	283.7	5.1	10.9	16.4	20.1	96.1	31.7	137.4	111.3	68.5	105.5	103.0	82.4
Off-street parking not reported	1.2	—	1.2	—	—	—	—	—	—	1.2	—	—	1.2	—	—
Garage or carport not reported	2.3	2.3	—	—	—	—	1.1	1.1	—	—	—	1.2	2.3	—	—
Cars and Trucks Available²															
No cars, trucks, or vans	265.8	111.7	154.1	—	1.1	12.6	13.6	114.2	17.9	94.6	41.5	110.0	188.8	13.5	13.9
Other households without cars	117.2	85.7	31.5	—	3.0	1.1	7.2	10.1	7.3	14.6	15.1	13.0	31.3	12.9	11.9
1 car with or without trucks or vans	867.2	602.0	265.2	16.8	8.1	22.4	38.4	152.8	34.4	200.0	122.5	88.5	249.7	136.3	119.5
2 cars	504.8	425.6	79.2	28.3	1.2	11.3	12.6	52.4	17.5	84.1	53.5	29.9	95.7	96.8	49.5
3 or more cars	119.5	109.1	10.4	3.5	—	2.3	3.6	12.0	2.1	13.0	4.2	7.0	16.9	22.2	16.0
With cars, no trucks or vans	1 106.5	798.7	307.8	31.6	2.8	26.4	41.8	183.8	43.9	262.8	149.5	113.7	315.8	187.6	139.1
1 truck or van with or without cars	398.7	338.0	60.7	14.0	6.9	9.4	12.8	33.4	11.1	35.1	36.4	20.0	62.1	60.7	43.4
2 or more trucks or vans	103.6	85.7	17.9	3.1	2.5	1.3	7.2	10.1	6.2	13.8	9.4	4.8	15.7	19.9	14.4
Owner or Manager on Property															
Rental, multiunit ³	281.3	—	281.3	1.8	—	11.3	23.1	66.0	11.9	49.6	75.9	53.5	99.3	43.7	35.2
Owner or manager lives on property	51.9	—	51.9	—	—	1.0	6.8	11.5	3.5	5.6	17.6	7.5	11.9	10.7	7.4
Neither owner nor manager lives on property	229.4	—	229.4	1.8	—	10.2	16.2	54.5	8.5	44.0	58.3	46.0	87.4	33.0	27.7
Selected Deficiencies²															
Signs of rats in last 3 months	15.3	8.1	7.2	—	—	3.6	2.3	5.7	4.8	3.4	2.3	4.8	10.5	1.3	—
Signs of mice in last 3 months	226.6	136.7	89.9	1.1	1.4	14.9	20.5	115.3	15.5	34.6	27.9	62.0	137.7	16.8	16.5
Signs of rodents, not sure which kind in last 3 months	5.8	3.5	2.3	—	—	1.1	1.2	2.3	—	1.1	1.1	1.1	3.4	—	—
Holes in floors	29.8	17.8	11.9	1.9	1.0	1.2	10.0	4.4	1.1	4.6	4.3	2.1	9.0	3.7	1.1
Open cracks or holes (interior)	136.7	80.0	56.7	—	—	11.3	39.3	50.3	7.7	19.9	10.9	25.5	65.4	16.6	10.8
Broken plaster or peeling paint (interior)	85.5	52.5	33.0	—	—	7.3	33.3	40.4	2.3	18.1	5.6	13.8	40.1	11.2	13.2
No electrical wiring	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Exposed wiring	8.1	4.4	3.7	—	—	1.0	1.1	—	1.3	—	1.1	—	3.4	—	2.4
Rooms without electric outlets	31.5	17.1	14.4	—	—	1.1	7.9	8.1	3.5	1.1	2.4	2.5	15.4	4.5	6.0
Water Leakage During Last 12 Months															
No leakage from inside structure	1 628.6	1 177.2	451.5	43.2	12.3	38.2	36.2	280.8	69.6	368.1	212.8	214.3	485.1	249.0	188.7
With leakage from inside structure ²	225.5	138.6	86.9	5.5	1.0	10.3	34.8	56.4	6.7	34.8	18.6	29.7	83.9	31.6	21.1
Fixtures backed up or overflowed	60.4	45.4	15.0	2.7	—	3.6	13.1	16.6	3.4	8.7	4.3	12.4	21.7	9.7	5.4
Pipes leaked	120.0	70.4	49.6	1.7	1.0	6.7	16.1	28.9	4.5	15.8	11.9	13.8	44.1	16.2	11.0
Broken water heater	16.4	6.8	9.6	1.1	—	1.4	4.3	3.9	1.2	—	—	1.4	5.9	2.3	1.3
Other or unknown (includes not reported)	42.5	23.7	18.7	—	—	1.1	6.9	10.6	—	10.3	2.4	3.4	18.2	4.5	4.6
Interior leakage not reported	20.5	18.3	2.2	—	—	1.1	4.3	4.3	2.9	3.4	5.5	4.5	13.3	1.1	1.0
No leakage from outside structure	1 413.8	968.7	445.1	32.0	12.3	35.3	31.9	249.6	60.5	325.0	183.3	201.6	426.3	205.7	151.7
With leakage from outside structure ²	441.4	348.1	93.3	16.7	1.1	13.3	39.1	88.7	15.8	77.9	48.1	43.5	143.8	74.9	58.1
Roof	163.3	122.9	40.3	7.9	1.0	2.3	18.6	47.1	8.2	32.9	19.0	23.4	78.7	22.5	10.6
Basement	218.3	188.8	29.6	6.7	—	4.8	11.3	31.7	4.7	28.6	23.5	15.5	51.3	41.6	40.1
Walls, closed windows, or doors	91.4	62.3	29.2	6.8	—	7.4	6.8	22.3	5.6	23.4	8.9	13.1	32.0	19.8	11.5
Other or unknown (includes not reported)	38.4	31.9	6.5	—	—	2.2	4.8	6.5	2.1	11.0	3.4	2.0	8.7	6.1	5.3
Exterior leakage not reported	19.4	17.2	2.2	—	—	1.1	4.3	3.3	2.9	3.4	5.5	3.4	12.3	1.1	1.0
Overall Opinion of Structure															
1 (worst)	6.6	1.0	5.6	—	—	1.2	—	4.5	.9	1.2	—	3.2	2.3	1.2	1.0
2	5.5	3.4	2.1	—	—	1.1	—	1.1	1.2	2.3	—	2.3	3.4	1.1	—
3	11.1	3.3	7.8	—	—	2.2	—	2.3	—	2.2	4.4	4.5	4.3	3.3	—
4	10.3	6.0	4.4	—	1.5	1.2	—	2.2	—	—	2.1	—	1.1	2.2	—
5	110.3	55.2	55.1	—	2.8	3.5	13.1	32.4	7.9	21.8	18.2	25.7	45.9	5.7	15.8
6	113.1	64.7	48.4	—	1.0	6.2	29.3	2.1	13.7	15.0	16.4	44.4	9.7	15.3	—
7	263.3	149.3	113.9	4.4	1.4	8.5	6.3	62.2	15.0	34.8	33.1	36.9	96.9	30.3	17.7
8	506.3	350.0	156.3	8.2	4.8	12.7	23.5	87.0	19.4	86.7	71.0	57.2	165.0	99.2	52.7
9	275.9	220.7	55.2	13.5	—	4.3	3.4	37.7	11.0	64.0	30.0	35.3	62.6	50.1	39.9
10 (best)	503.6	424.5	79.1	21.5	1.4	10.4	11.0	58.5	17.8	168.7	49.5	59.9	118.5	71.9	59.9
Not reported	68.5	55.9	12.6	1.1	1.5	3.5	9.7	24.4	3.9	10.8	13.5	7.1	37.8	7.0	6.3
Selected Physical Problems															
Severe physical problems ²	49.6	30.2	19.4	—	—	49.6	—	11.7	2.2	7.4	4.5	13.1	18.6	8.0	4.2
Plumbing	27.9	19.5	8.3	—	—	27.9	—	3.4	2.2	5.2	3.5	6.8	11.5	4.5	2.1
Heating	20.5	10.6	9.9	—	—	20.5	—	7.1	—	2.2	1.0	6.4	8.2	2.2	2.2
Electric	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Upkeep	2.5	1.3	1.2	—	—	2.5	—	1.2	—	—	—	—	—	1.3	—
Hallways	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Moderate physical problems ²	75.3	38.4	36.9	—	1.0	—	75.3	26.8	3.6	16.5	10.1	12.8	40.1	7.2	9.6
Plumbing	1.3	1.2	.1	—	—	—	1.3	.1	1.2	—	.1	1.2	1.3	—	—
Heating	3.5	2.5	1.1	—	—	—	3.5	—	—	1.1	1.1	—	—	—	1.1
Upkeep	46.1	25.7	20.4	—	1.0	—	46.1	21.0	1.1	10.2	1.1	7.0	25.7	5.0	5.3
Hallways	1.1	—	1.1	—	—	—	1.1	1.1	—	—	—	—	1.1	—	—
Kitchen	24.3	10.1	14.2	—	—	—	24.3	5.7	1.2	5.2	7.8	5.7	13.1	2.2	3.2

¹See back cover for details.

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

³Two or more units of any tenure in structure.

Table 2-8. **Neighborhood—Occupied Units**

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

Characteristics	Total occupied units	Tenure		Housing unit characteristics				Household characteristics					Selected subareas ¹		
		Owner	Renter	New construction 4 years	Mobile homes	Physical problems		Black	Hispanic	Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three
						Severe	Moderate								
Total	1 874.6	1 334.1	540.5	48.7	13.4	49.6	75.3	341.5	79.1	406.3	236.9	248.5	582.3	281.7	210.8
Overall Opinion of Neighborhood															
1 (worst)	20.3	8.0	12.3	—	—	2.3	—	10.4	5.1	1.2	5.8	5.3	12.4	—	1.0
2	24.4	15.1	9.3	—	—	2.3	4.6	7.1	3.6	3.4	7.0	9.5	18.7	—	—
3	27.6	18.3	9.3	—	—	2.2	2.3	11.8	—	5.8	4.6	6.2	17.5	2.2	—
4	40.0	29.1	10.9	—	1.5	1.1	3.3	20.8	1.2	8.5	3.3	7.9	23.5	1.1	2.0
5	139.4	88.5	50.9	—	—	4.9	13.1	41.8	6.7	25.0	15.9	20.8	60.3	11.9	16.1
6	121.1	69.0	52.1	—	1.5	4.8	8.7	25.2	7.6	15.6	21.7	23.7	58.3	15.4	12.8
7	250.6	167.1	83.5	3.8	3.8	2.2	4.9	57.9	9.8	45.2	31.3	34.7	81.3	32.7	26.4
8	457.8	322.9	134.9	10.2	3.9	10.5	15.1	52.0	21.0	91.1	59.8	53.4	131.4	85.9	57.7
9	267.4	206.3	61.1	15.3	—	4.5	6.9	41.4	3.3	54.4	30.8	31.4	54.5	49.9	34.3
10 (best)	452.3	348.4	103.8	18.3	1.2	11.5	7.7	46.9	17.0	141.7	41.1	47.5	83.5	76.8	53.1
No neighborhood	2.0	1.1	.9	—	—	—	—	.9	1.1	—	2.0	—	2.0	—	—
Not reported	71.8	60.3	11.5	1.1	1.5	3.5	8.6	25.4	2.8	14.2	13.5	8.1	39.1	5.9	7.4
Street Noise or Traffic															
Street noise or traffic present	667.6	419.3	248.3	9.4	3.0	22.9	41.3	187.8	34.0	147.7	87.5	123.4	313.6	101.5	77.9
Condition not bothersome	367.5	220.3	147.2	4.1	1.5	5.7	17.0	107.6	14.2	91.4	52.3	68.7	176.7	67.5	48.6
Condition bothersome	298.8	197.7	101.2	5.3	1.5	15.9	24.3	80.2	19.8	56.3	35.1	54.7	136.9	32.7	29.3
So bothered they want to move	126.1	84.2	41.9	—	1.5	9.4	11.8	44.7	10.4	21.0	13.8	29.0	70.9	11.9	2.4
Not reported	1.1	—	1.1	—	—	—	—	—	1.1	—	1.1	1.1	1.1	—	—
Bothersome not reported	1.3	1.3	—	—	—	1.3	—	—	—	—	—	—	—	1.3	—
Not reported	27.4	24.3	3.1	—	—	1.1	5.3	7.5	1.1	5.3	4.4	3.4	15.3	2.4	2.0
Neighborhood Crime															
Neighborhood crime present	379.2	233.1	146.1	—	2.4	20.3	35.4	152.2	20.3	69.9	48.4	87.7	239.7	27.5	29.9
Condition not bothersome	135.3	85.6	49.7	—	2.4	2.2	13.9	58.8	3.8	37.4	14.3	23.2	76.8	11.7	15.1
Condition bothersome	243.9	147.5	96.4	—	—	18.2	21.5	93.4	16.5	32.5	34.1	64.5	163.0	15.8	14.7
So bothered they want to move	135.4	75.2	60.2	—	—	13.5	13.0	67.1	10.5	16.0	17.7	40.8	102.4	3.8	6.9
Not reported	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Bothersome not reported	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Not reported	39.0	27.5	11.4	—	—	1.1	5.3	8.6	2.2	11.4	7.7	7.0	23.7	3.5	4.3
Odors															
Odors present	153.7	100.5	53.2	4.5	1.5	5.6	16.7	49.5	4.7	26.9	14.4	29.4	83.6	12.8	11.2
Condition not bothersome	53.0	34.5	18.5	1.1	—	1.1	8.3	14.8	—	8.9	4.6	9.6	29.9	2.6	5.6
Condition bothersome	100.7	66.0	34.7	3.4	1.5	4.5	8.4	34.7	4.7	18.0	9.8	19.8	53.7	10.3	5.6
So bothered they want to move	53.6	35.0	18.5	—	1.5	4.5	4.8	24.3	3.6	9.1	7.7	14.2	29.1	4.6	3.1
Not reported	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Bothersome not reported	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Not reported	27.3	23.0	4.3	—	—	1.1	5.3	8.7	1.1	5.3	4.4	4.6	15.3	2.4	2.0
Other Bothersome Neighborhood Conditions															
No other problems	1 531.5	1 087.4	444.0	48.7	13.3	41.2	44.1	248.3	68.5	342.2	206.1	211.8	432.3	241.6	173.4
With other problems ²	314.7	220.4	94.3	—	—	6.0	25.9	86.7	8.8	58.6	26.3	33.2	133.5	36.5	36.4
Noise	61.9	48.3	13.5	—	—	2.5	3.5	10.8	1.1	10.3	2.5	6.1	20.7	12.3	4.1
Litter or housing deterioration	68.5	49.7	18.8	—	—	1.1	8.4	26.2	1.1	17.6	7.8	7.6	44.1	5.5	3.1
Poor city or county services	27.3	13.4	13.9	—	—	1.1	7.2	15.1	.9	2.2	3.5	5.8	19.6	2.2	—
Undesirable commercial, institutional, industrial	22.4	15.3	7.1	—	—	—	2.3	5.9	—	2.5	1.3	1.1	8.1	3.7	1.1
People	99.3	67.0	32.3	—	—	3.7	9.1	23.4	6.6	22.5	6.8	10.4	46.9	4.5	10.6
Other	148.3	97.9	50.4	—	—	2.5	13.0	44.2	2.4	22.8	14.2	9.8	55.9	17.0	23.7
No problem	3.3	3.3	—	—	—	—	—	1.1	—	—	—	1.2	1.1	—	1.0
Type of problem not reported	6.9	4.5	2.4	—	—	1.2	—	2.4	—	1.1	—	1.2	2.4	1.3	1.0
Other problems not reported	28.4	26.3	2.1	—	—	2.4	5.3	6.5	1.8	5.6	4.4	3.4	16.6	3.7	1.0
Public Elementary School²															
Households with children aged 4-16	511.1	401.9	109.2	15.5	2.5	13.0	25.0	104.6	32.8	25.1	56.4	59.1	141.8	78.7	62.1
Attend public school(K-12)	379.3	288.2	91.2	13.8	2.5	8.1	19.3	85.0	29.0	13.7	44.1	50.6	93.9	57.9	43.0
Attend private school (K-12)	121.0	106.8	14.2	2.9	—	4.9	4.6	16.2	6.4	9.2	12.2	6.8	46.7	20.8	17.0
Attend ungraded school, preschool, etc.	2.1	2.1	—	—	—	—	—	—	—	1.1	1.0	—	—	—	1.1
Does not attend school	1.2	1.2	—	—	—	—	—	—	—	—	—	—	—	—	1.2
Not reported	18.9	13.9	5.0	—	—	—	2.2	4.4	.7	1.1	1.2	3.8	6.7	2.4	2.1
Households with any children aged 0-13	565.9	434.2	131.7	22.4	1.5	15.4	28.4	108.9	34.6	21.3	81.5	55.9	157.2	89.2	57.1
Satisfactory public elementary school	416.0	326.2	89.8	15.5	1.5	8.2	18.2	73.4	23.9	15.6	50.7	39.9	90.5	72.9	42.3
Unsatisfactory public elementary school	52.9	38.2	14.7	—	—	3.6	5.7	14.4	2.9	1.1	6.7	3.5	27.2	4.7	5.3
So bothered they want to move	31.9	18.3	13.6	—	—	3.6	3.4	10.0	1.2	—	4.5	2.4	17.4	1.3	4.2
Not reported	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Not reported or don't know	97.1	69.9	27.2	6.9	—	3.6	4.4	21.1	7.8	4.6	24.1	12.5	39.5	11.6	9.5
Public elementary school less than 1 mile	383.4	281.7	101.7	6.6	1.5	10.5	21.8	97.1	24.5	15.4	56.4	43.8	142.4	43.7	42.2
Public elementary school 1 mile or more	167.7	139.9	27.8	14.0	—	3.8	5.5	9.6	9.0	5.9	21.8	11.0	8.2	42.0	11.7
Not reported	14.9	12.7	2.2	1.8	—	1.1	2.2	1.1	1.1	—	3.3	1.1	6.5	3.5	3.1
Building Neighbor Noise³															
Neighbor noise present	518.6	237.1	281.5	2.8	—	19.9	34.1	156.7	22.4	95.1	101.7	75.6	253.5	76.4	53.7
Loudness bothersome	143.6	57.8	85.8	—	—	10.0	10.1	43.2	3.6	27.3	27.1	26.7	62.3	21.0	18.1
Loudness not bothersome	375.0	179.3	195.8	2.8	—	10.0	24.0	113.5	18.8	67.8	74.6	49.0	191.2	55.4	35.7
Loudness bothersome not reported	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Time of noise bothersome	142.6	58.6	84.1	—	—	8.9	12.7	54.4	3.5	22.6	21.5	29.6	78.1	17.2	15.8
Time of noise not bothersome	375.9	178.5	197.5	2.8	—	11.0	21.4	102.3	19.0	72.5	80.2	46.0	175.5	59.3	37.9
Time bothersome not reported	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Neighbor noise not present	458.3	261.1	197.3	11.8	—	7.1	17.6	122.0	42.8	114.5	78.9	103.7	254.7	30.9	51.8
Not reported	20.9	16.5	4.5	—	—	—	6.4	7.5	—	3.4	2.3	2.3	16.7	2.2	2.0

Table 2-8. Neighborhood—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 years	Mobile homes	Physical problems		Black	Hispanic	Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three
						Severe	Moderate								
Public Transportation															
With public transportation	1 353.0	892.2	460.8	18.9	8.4	37.7	60.4	326.8	68.9	302.5	191.6	221.2	558.4	172.3	181.2
Household uses it at least weekly	405.3	240.1	165.2	3.0	—	11.0	25.4	169.1	24.7	95.1	71.6	88.1	301.9	23.2	30.3
Satisfactory public transportation	378.4	226.1	152.4	3.0	—	9.5	19.6	154.8	24.7	88.7	68.3	83.5	282.7	21.0	28.1
Unsatisfactory public transportation	26.8	14.0	12.8	—	—	1.4	5.8	14.3	—	6.4	3.3	4.6	19.3	2.2	2.2
Not reported	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Household uses it less than weekly	552.5	360.8	191.7	8.3	1.5	19.9	17.5	105.9	29.1	122.8	61.1	94.9	200.5	68.8	87.5
Satisfactory public transportation	513.2	337.6	175.5	8.3	1.5	18.6	17.4	101.1	27.0	115.7	57.8	87.8	192.2	60.4	84.3
Unsatisfactory public transportation	28.8	17.4	11.5	—	—	—	—	3.8	1.1	5.9	—	5.8	3.8	4.8	3.2
Not reported	10.5	5.9	4.6	—	—	1.3	—	1.1	1.1	1.2	3.2	1.3	4.5	3.7	—
Household does not use	385.3	283.7	101.7	7.6	6.9	6.9	14.3	50.6	14.3	81.3	55.1	38.3	50.0	80.3	61.4
Not reported	9.9	7.6	2.3	—	—	—	—	3.2	1.1	—	3.7	—	5.9	—	2.0
No public transportation	475.3	411.6	63.6	27.6	5.0	9.5	11.7	8.3	6.7	98.3	33.6	23.8	13.0	104.6	27.6
Not reported	46.3	30.3	16.0	2.2	—	2.4	3.2	6.4	3.5	5.5	11.7	3.4	11.0	4.8	2.1
Neighborhood Shopping															
Satisfactory neighborhood shopping	1 607.0	1 131.5	475.5	38.6	10.4	39.6	51.1	270.1	68.6	344.1	211.3	205.3	468.2	259.0	198.9
Less than 1 mile	1 399.0	954.8	444.2	28.9	8.0	35.4	43.0	258.7	63.0	292.0	189.7	193.4	459.0	210.2	178.5
1 mile or more	206.7	176.8	30.0	9.8	2.4	4.2	8.1	11.3	5.6	52.1	20.3	11.9	9.2	48.8	20.4
Not reported	1.3	—	1.3	—	—	—	—	—	—	—	1.3	—	—	—	—
Unsatisfactory neighborhood shopping	227.5	170.4	57.1	10.1	—	7.6	20.9	64.0	7.0	53.4	19.7	35.3	92.8	19.1	7.4
Not reported or don't know	40.1	32.2	7.9	—	2.9	2.4	3.4	7.5	3.5	8.8	5.8	7.9	21.4	3.7	4.5
Police Protection															
Satisfactory police protection	1 673.2	1 185.2	488.0	47.4	11.9	37.6	54.3	274.7	65.9	381.2	205.5	214.6	459.3	267.4	202.3
Unsatisfactory police protection	151.8	107.2	44.6	1.3	—	9.7	13.2	53.0	10.0	15.9	20.4	25.1	95.5	8.4	3.3
Not reported	49.6	41.7	7.9	—	1.5	2.4	7.9	13.8	3.2	9.2	11.0	8.8	27.5	5.9	5.2
Description of Area Within 300 Feet²															
Single-family detached houses	1 420.6	1 061.4	359.2	38.7	6.9	37.1	49.4	227.6	39.4	300.3	166.0	158.0	337.9	245.1	162.0
Single-family attached	765.1	464.7	300.4	15.2	—	15.2	45.9	233.8	47.7	172.2	126.2	148.5	424.4	71.4	72.3
1- to 3- story multiunit	452.7	178.0	274.8	1.8	—	15.7	29.2	122.2	17.7	87.6	79.9	86.3	199.8	67.5	46.3
4- to 6- story multiunit	108.1	34.8	73.2	—	—	3.5	5.1	43.2	1.1	24.0	32.0	30.2	77.1	7.9	16.0
7- or more story multiunit	55.4	18.6	36.8	—	—	2.1	4.5	10.3	2.3	13.6	11.8	14.7	36.8	7.7	—
Mobile homes	40.9	38.7	2.2	—	13.4	1.8	—	3.7	—	3.5	4.7	5.7	2.3	2.4	2.3
Commercial, or institutional	682.0	369.8	312.2	5.3	1.5	15.1	41.1	192.8	45.6	144.0	116.5	136.3	337.0	81.4	68.7
Industrial or factories	115.4	68.8	46.6	—	1.5	6.1	4.4	38.9	10.8	17.1	11.3	24.9	49.6	10.0	6.0
Open space, park, woods, farm, or ranch	616.7	447.7	169.1	23.8	6.8	12.9	15.9	74.5	13.5	93.7	87.3	48.3	110.4	100.8	67.3
4 or more lane highway, railroad, or airport	278.3	158.4	119.9	5.7	1.2	6.0	13.3	63.6	17.7	56.0	45.5	28.9	94.7	37.4	34.0
Not reported	60.7	50.4	10.3	1.1	—	3.5	4.3	22.1	2.1	11.0	9.9	5.9	32.3	5.9	7.4
Bodies of Water Within 300 Feet															
Water in area	225.5	170.1	55.4	11.4	2.7	5.2	4.7	17.1	4.3	35.9	31.4	23.8	24.3	32.2	26.0
Waterfront property	17.7	11.4	6.3	—	1.2	1.0	2.5	—	—	1.1	3.0	2.8	2.5	1.1	1.0
Not reported	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Flood plain	28.9	21.9	7.0	1.6	1.2	—	1.2	2.2	—	3.4	2.5	—	6.8	3.7	—
Not reported	7.2	1.2	6.0	—	—	—	—	1.1	—	—	3.8	—	1.2	—	—
Water not reported	65.5	55.1	10.3	1.1	—	3.5	5.4	22.1	2.1	12.1	11.0	7.1	35.6	5.9	7.4
No water in area	1 583.6	1 108.8	474.8	36.2	10.6	40.9	65.2	302.3	72.7	358.3	194.5	217.6	522.4	243.7	177.5
Age of Other Residential Buildings Within 300 Feet															
Older	110.9	64.5	46.3	1.0	2.5	1.2	10.0	12.6	3.4	25.3	14.9	11.4	26.0	24.3	16.1
About the same	1 426.1	1 038.2	387.9	37.3	5.4	37.4	57.7	268.9	60.1	288.0	176.3	186.0	455.0	197.7	159.7
Newer	104.2	77.4	26.8	9.2	2.9	1.8	—	13.0	2.3	32.0	19.2	16.7	21.7	18.9	11.6
Very mixed	77.7	50.9	26.7	—	—	1.1	1.2	9.1	2.3	23.8	8.4	7.2	10.5	24.9	6.7
No other residential buildings	67.6	38.8	28.8	—	—	3.5	1.1	11.3	5.7	17.3	4.5	11.2	20.7	9.0	7.3
Not reported	88.1	64.2	23.9	1.1	2.6	4.6	5.4	26.7	5.3	19.9	13.6	16.1	48.4	7.0	9.4
Other Buildings Vandalized or With Interior Exposed Within 300 Feet															
None	1 548.3	1 128.6	419.7	47.6	11.9	32.1	46.5	198.0	50.0	340.2	202.4	166.0	382.5	266.8	188.8
1 building	65.9	42.9	23.0	—	—	2.2	4.8	26.4	6.5	8.0	2.2	20.1	44.1	—	1.1
More than 1 building	141.2	75.6	65.7	—	—	8.4	18.7	89.7	14.7	31.0	17.2	44.8	113.2	2.3	2.1
No buildings	41.3	31.1	10.2	—	—	2.4	—	2.2	3.5	12.8	2.2	5.5	6.9	6.8	6.3
Not reported	77.9	55.9	21.9	1.1	1.5	4.5	5.4	25.3	4.3	14.2	13.0	12.2	35.7	5.9	12.5
Bars on Windows of Buildings Within 300 Feet															
No bars on windows	1 460.3	1 090.9	369.5	47.6	11.9	29.7	44.1	167.3	54.5	315.9	174.7	154.7	295.6	261.9	178.2
1 building with bars	48.1	27.4	20.7	—	—	1.3	2.5	18.9	1.2	9.8	5.9	7.1	27.3	2.3	8.4
2 or more buildings with bars	220.6	114.0	106.6	—	—	10.6	19.9	116.0	13.5	45.7	37.1	63.8	197.6	3.4	5.3
No buildings	41.3	31.1	10.2	—	—	2.4	—	2.2	3.5	12.8	2.2	5.5	6.9	6.8	6.3
Not reported	104.3	70.7	33.6	1.1	1.5	5.6	8.8	37.1	6.5	22.1	17.1	17.5	54.9	7.3	12.7
Condition of Streets Within 300 Feet															
No repairs needed	1 221.1	892.6	328.5	24.7	9.4	30.1	38.8	152.1	45.1	288.2	144.2	134.0	285.6	211.5	153.7
Minor repairs needed	490.2	326.7	163.5	22.9	2.5	13.7	24.5	137.2	20.1	82.5	64.6	84.9	220.6	57.7	40.9
Major repairs needed	83.8	49.9	33.9	—	1.5	2.3	5.6	28.1	10.9	16.7	13.4	19.1	36.0	6.6	5.7
No streets needed	4.3	3.3	1.0	—	—	—	—	—	—	2.3	—	1.2	2.3	—	—
Not reported	75.3	61.6	13.6	1.1	—	3.5	6.4	24.2	3.1	16.6	14.6	9.3	37.8	5.9	10.5
Trash, Litter, or Junk on Streets or Any Properties Within 300 Feet															
None	1 550.4	1 134.2	416.2	47.6	11.9	34.7	50.0	202.8	57.1	345.0	189.6	162.8	365.1	267.9	190.9
Minor accumulation	164.8	94.3	70.5	—	—	6.6	9.4	66.8	12.4	24.5	27.7	50.9	119.8	6.8	6.3
Major accumulation	88.1	49.0	39.0	—	1.5	3.4	10.5	45.3	6.7	23.7	8.8	25.9	60.7	1.2	3.2
Not reported	71.3	56.6	14.7	1.1	—	4.9	5.4	26.6	3.0	13.2	10.8	8.9	36.8	5.9	10.5
Parking Lots²															
With parking lots	484.2	219.1	265.1	6.1	2.8	12.3	27.4	83.5	24.6	101.5	90.6	85.1	140.8	75.9	52.4
Residents only	266.0	98.6	167.5	4.4	1.5	10.0	18.4	42.2	12.6	55.5	59.9	40.4	66.7	44.6	23.0
Shoppers or workers only	150.9	80.3	70.6	—	—	1.3	10.5	16.9	7.6	32.3	22.4	21.6	44.2	35.3	16.3
Anyone	170.4	82.2	88.2	3.5	1.4	2.0	1.2	38.8	9.0	34.1	33.8	35.4	59.7	13.0	29.5
Kind not reported	12.9	4.6	8.3	—	—	—	1.2	3.3	—	3.5	2.4	4.9	4.8	—	1.1
No parking lots within 300 feet	1 326.4	1 061.3	265.1	41.5	10.5	33.9	42.5	235.0	52.5	293.9	135.3	157.6	408.2	200.0	150.0
Parking lot not reported	64.0	53.7	10.3	1.1	—	3.5	5.4	23.1	2.1	11.0	11.0	5.9	33.3	5.9	8.4

Table 2-8. **Neighborhood—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 years	Mobile homes	Physical problems		Black	Hispanic	Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three
						Severe	Moderate								
Mobile Homes in Group															
Mobile homes	13.4	13.4	–	–	13.4	–	1.0	–	–	1.2	1.1	2.6	1.2	1.1	–
1 to 6	1.2	1.2	–	–	1.2	–	–	–	–	–	–	–	1.2	–	–
7 to 20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
21 or more	12.1	12.1	–	–	12.1	–	1.0	–	–	1.2	1.1	2.6	–	1.1	–

¹See back cover for details.

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

³Limited to single attached and multiunits.

Table 2-9. Household Composition—Occupied Units

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

Characteristics	Tenure			Housing unit characteristics				Household characteristics					Selected subareas ¹		
	Total occupied units	Owner	Renter	New construction 4 years	Mobile homes	Physical problems		Black	Hispanic	Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three
						Severe	Moderate								
Population in housing units ...	4 933.6	3 762.6	1 171.0	151.2	27.1	124.2	186.9	865.3	253.4	778.8	587.9	606.2	1 479.1	737.1	539.1
Total	1 874.6	1 334.1	540.5	48.7	13.4	49.6	75.3	341.5	79.1	406.3	236.9	248.5	582.3	281.7	210.8
Persons															
1 person	493.5	272.8	220.7	10.1	5.5	13.3	25.0	102.0	14.6	167.6	65.3	90.2	173.6	73.5	64.8
2 persons	556.8	403.8	153.0	14.8	6.4	15.7	17.3	96.4	14.7	166.3	77.5	64.1	168.1	93.9	55.8
3 persons	314.7	233.7	81.0	3.1	—	7.3	17.1	69.0	12.5	41.2	44.1	39.7	103.4	34.2	35.0
4 persons	275.4	236.2	39.2	8.0	—	8.7	7.9	34.1	18.3	17.5	22.7	26.0	65.3	44.9	29.1
5 persons	156.6	118.2	38.4	5.7	—	4.5	3.4	22.8	15.8	5.5	20.2	17.2	47.9	19.3	18.4
6 persons	58.0	52.2	5.8	6.9	—	—	—	12.5	3.3	4.7	6.0	5.5	14.4	14.7	6.7
7 persons or more	19.5	17.2	2.3	—	—	—	—	4.8	—	3.6	1.1	5.9	9.5	1.3	1.0
Number of Single Children Under 18 Years															
None	1 177.6	804.5	373.1	26.3	10.9	30.9	42.3	193.9	36.8	375.4	147.5	168.7	378.8	176.5	138.1
1	289.9	206.4	83.4	4.9	1.0	10.8	16.2	80.0	13.6	20.4	42.1	29.4	98.6	38.0	29.2
2	254.2	212.2	42.0	6.3	—	6.8	9.7	36.3	15.0	8.3	24.5	23.5	57.5	38.1	29.7
3	110.4	78.3	32.1	6.1	1.5	1.1	4.6	20.5	11.1	1.2	16.4	16.0	31.7	22.9	10.7
4	33.2	24.5	8.7	5.1	—	—	—	2.5	7.5	2.7	—	6.3	6.4	10.0	6.3
5	6.1	4.9	1.2	—	—	—	—	—	2.3	—	—	—	3.4	4.5	—
6 or more	3.2	3.2	—	—	—	—	—	1.0	—	1.0	—	1.0	1.1	—	1.0
Persons 65 Years Old and Over															
None	1 398.9	941.8	457.1	41.0	12.2	37.9	58.8	266.2	60.2	—	224.1	146.1	415.6	198.8	155.2
1 person	316.5	250.9	65.7	1.8	—	9.6	11.8	56.1	14.5	255.2	10.3	69.7	123.6	49.7	41.5
2 persons or more	159.1	141.4	17.7	5.9	1.1	2.1	4.8	19.2	4.5	151.1	2.4	32.7	43.1	33.3	14.1
Age of Householder															
Under 25 years	78.7	25.8	52.9	—	—	1.3	6.8	16.3	9.1	—	40.9	15.3	39.1	5.7	9.1
25 to 29	135.7	53.5	82.1	—	1.5	3.3	2.4	24.9	12.0	—	54.6	11.8	46.9	22.4	9.8
30 to 34	160.1	94.2	65.8	10.2	—	5.7	9.0	35.1	8.0	—	34.8	16.8	57.3	22.4	17.4
35 to 44	436.3	326.5	109.8	22.7	3.7	11.0	13.5	76.7	18.7	—	52.4	48.6	107.6	67.0	50.1
45 to 54	397.8	305.0	92.8	7.9	1.4	9.1	16.7	72.8	10.3	—	30.6	27.0	110.6	56.8	47.9
55 to 64	259.7	197.3	62.4	3.3	5.6	11.8	10.4	52.7	6.7	—	13.5	38.2	78.8	39.2	23.0
65 to 74	219.0	187.7	31.3	4.6	—	6.4	8.9	36.4	11.0	219.0	4.4	37.4	72.7	39.1	23.6
75 years and over	187.3	144.1	43.2	—	1.1	1.0	7.6	26.6	3.4	187.3	5.6	53.4	71.4	29.1	29.9
Median	48	50	41	41	...	49	49	47	41	74	33	56	49	49	49
Household Composition by Age of Householder															
2-or-more-person households	1 381.1	1 061.3	319.8	38.6	7.9	36.3	50.3	239.5	64.6	238.7	171.6	158.3	408.7	208.3	146.0
Married-couple families, no nonrelatives	922.5	782.8	139.8	35.7	5.3	15.5	26.5	87.8	31.0	165.3	89.5	63.0	211.2	154.2	108.1
Under 25 years	16.7	9.3	7.4	—	—	—	—	1.2	2.4	—	10.8	—	7.3	—	1.4
25 to 29 years	55.8	30.7	25.1	—	—	—	—	1.2	5.8	3.8	—	21.6	1.1	15.2	9.3
30 to 34 years	81.5	61.1	20.4	8.4	—	2.1	3.2	11.3	4.6	—	13.5	2.5	25.7	8.1	8.5
35 to 44 years	248.5	219.0	29.5	15.5	1.5	5.8	2.1	19.4	7.7	—	19.8	8.7	45.9	40.7	33.7
45 to 64 years	354.7	319.2	35.5	7.2	2.8	5.4	14.0	33.1	8.1	—	20.4	18.5	68.8	65.2	44.2
65 years and over	165.3	143.5	21.8	4.6	1.1	2.1	6.0	16.9	4.4	165.3	3.3	32.2	48.3	30.9	17.1
Other male householder	154.0	95.1	58.9	—	2.5	6.9	6.3	29.0	7.9	17.2	32.8	14.8	62.6	13.6	10.7
Under 45 years	92.1	50.8	41.3	—	2.5	1.8	4.1	14.1	7.9	—	30.7	11.4	33.9	9.2	6.4
45 to 64 years	44.6	30.4	14.2	—	—	5.1	—	9.2	—	—	2.1	2.3	19.1	2.2	2.2
65 years and over	17.2	13.9	3.4	—	—	—	2.2	5.7	—	17.2	—	1.1	9.5	2.2	2.1
Other female householder	304.6	183.5	121.1	2.9	—	13.9	17.5	122.8	25.6	56.2	49.3	80.5	134.9	40.5	27.2
Under 45 years	157.4	71.2	86.2	—	—	8.3	11.8	64.6	16.7	—	44.5	52.8	70.3	21.7	13.7
45 to 64 years	91.0	60.9	30.1	2.9	—	4.5	4.7	36.0	4.5	—	4.8	12.0	41.6	8.3	9.9
65 years and over	56.2	51.3	4.8	—	—	1.0	1.1	22.2	4.5	56.2	—	15.7	23.0	10.6	3.6
1-person households	493.5	272.8	220.7	10.1	5.5	13.3	25.0	102.0	14.6	167.6	65.3	90.2	173.6	73.5	64.8
Male householder	176.7	82.7	94.0	—	—	6.5	13.0	40.7	8.8	38.7	29.7	22.8	54.5	32.7	25.9
Under 45 years	70.9	23.7	47.2	—	—	—	8.3	18.1	2.2	—	21.5	4.6	22.5	17.8	10.9
45 to 64 years	67.0	29.1	38.0	—	—	2.2	2.5	19.2	3.3	—	6.1	12.3	21.5	8.2	4.3
65 years and over	38.7	29.9	8.9	—	—	4.3	2.2	3.4	3.2	38.7	2.2	5.8	10.4	6.7	10.6
Female householder	316.8	190.1	126.7	10.1	5.5	6.8	12.0	61.3	5.8	128.9	35.6	67.4	119.1	40.8	38.9
Under 45 years	87.8	34.3	53.6	9.0	—	3.2	1.0	18.5	2.4	—	20.3	11.3	30.1	10.8	8.4
45 to 64 years	100.0	62.5	37.5	1.1	4.2	3.7	5.9	28.1	1.1	—	10.8	20.1	36.3	12.2	10.4
65 years and over	128.9	93.3	35.6	—	—	—	5.0	14.8	2.3	128.9	4.5	36.0	52.7	17.8	20.1
Adults and Single Children Under 18 Years Old															
Total households with children	697.0	529.6	167.5	22.4	2.5	18.7	33.0	147.6	42.3	30.9	89.4	79.7	203.5	105.3	72.8
Married couples	466.8	395.3	71.5	20.7	1.5	8.1	15.9	53.0	19.8	13.0	48.5	21.8	104.0	79.2	51.2
One child under 6 only	65.2	43.2	22.0	1.7	—	2.4	2.2	10.2	1.6	1.1	18.4	2.4	18.4	9.2	2.2
One under 6, one or more 6 to 17	59.8	50.5	9.4	1.1	1.5	1.1	1.1	11.1	4.5	—	1.2	5.0	19.1	8.1	6.6
Two or more under 6 only	46.7	42.0	4.7	6.2	—	—	—	1.1	3.4	1.2	1.1	7.0	1.1	9.7	6.9
Two or more under 6, one or more 6 to 17	22.1	22.1	—	5.1	—	—	—	1.1	1.0	—	1.0	1.1	2.1	3.3	2.9
One or more 6 to 17 only	272.9	237.4	35.5	6.4	—	4.6	10.5	27.3	12.5	9.7	20.7	11.1	53.5	52.2	33.6
Other households with two or more adults	101.7	65.5	36.2	1.8	—	6.1	7.0	30.8	13.2	15.8	15.3	18.6	45.4	13.8	8.7
One child under 6 only	15.8	11.3	4.5	1.8	—	—	—	2.3	3.2	2.3	4.7	1.1	6.9	3.8	—
One under 6, one or more 6 to 17	17.2	6.5	10.7	—	—	2.2	1.1	4.9	3.0	—	1.1	6.8	6.8	1.1	1.1
Two or more under 6 only	4.6	1.1	3.5	—	—	—	—	2.3	1.2	1.1	3.5	3.5	1.1	1.2	—
Two or more under 6, one or more 6 to 17	2.1	2.1	—	—	—	—	—	—	—	—	—	—	1.1	—	—
One or more 6 to 17 only	62.0	44.4	17.6	—	—	3.9	5.9	21.3	5.7	12.3	6.1	7.3	29.5	7.7	7.6
Households with one adult or none	128.5	68.8	59.7	—	1.0	4.5	10.1	63.8	9.4	2.2	25.6	39.4	54.1	12.2	13.0
One child under 6 only	8.9	5.6	3.3	—	—	1.1	1.1	5.8	—	—	2.3	1.2	3.4	1.2	1.1
One under 6, one or more 6 to 17	19.3	7.9	11.4	—	—	1.1	2.4	9.2	4.5	1.1	4.5	9.2	10.5	3.3	2.2
Two or more under 6 only	1.1	1.1	—	—	—	—	—	1.1	—	—	—	—	1.1	—	—
Two or more under 6, one or more 6 to 17	5.9	—	5.9	—	—	—	—	1.2	2.5	1.2	—	2.3	3.7	—	1.0
One or more 6 to 17 only	93.3	54.3	39.1	—	1.0	2.3	4.3	46.2	3.6	1.1	16.5	26.6	35.3	7.7	8.7

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

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

Characteristics	Total occupied units	Tenure		Housing unit characteristics				Household characteristics					Selected subareas ¹		
		Owner	Renter	New construction 4 years	Mobile homes	Physical problems		Black	Hispanic	Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three
						Severe	Moderate								
Own Never Married Children Under 18 Years Old															
No own children under 18 years	1 277.3	886.6	390.7	28.0	10.9	33.0	47.7	231.8	44.7	402.5	155.6	186.4	420.7	184.5	147.6
With own children under 18 years	597.3	447.5	149.8	20.7	2.5	16.6	27.6	109.8	34.5	81.3	81.3	62.1	161.6	97.2	63.2
Under 6 years only	127.4	86.7	40.7	8.0	—	—	3.5	5.5	21.9	5.1	—	36.0	9.3	34.8	21.1
1	80.5	48.1	32.4	1.7	—	—	3.5	3.3	16.1	2.7	—	25.4	5.9	22.7	14.2
2	40.5	33.3	7.2	5.1	—	—	2.2	3.6	2.4	—	—	9.4	2.3	9.9	4.7
3 or more	6.4	5.3	1.1	1.1	—	—	—	2.2	—	—	—	1.1	1.1	2.2	2.2
6 to 17 years only	367.9	285.2	82.8	6.4	1.0	9.7	17.6	68.6	17.2	3.8	38.5	34.1	95.5	61.8	42.4
1	164.4	117.5	46.9	1.4	1.0	6.2	12.0	45.1	6.3	3.8	14.2	15.6	53.2	21.6	21.8
2	146.1	124.4	21.8	—	—	—	3.5	3.2	12.2	—	11.8	10.0	27.2	25.3	15.2
3 or more	57.4	43.3	14.1	5.0	—	—	2.3	11.3	2.7	—	12.5	8.5	15.1	14.9	5.4
Both age groups	101.9	75.5	26.3	6.3	1.5	3.4	4.6	19.3	12.2	—	6.8	18.7	31.3	14.2	14.1
1	36.5	27.3	9.3	1.1	—	—	2.3	1.1	11.1	—	—	2.3	7.2	13.4	3.3
2 or more	65.3	48.3	17.1	5.1	1.5	1.1	3.5	8.2	7.8	—	4.5	11.5	17.9	10.9	6.3
Persons Other Than Spouse or Children²															
With other relatives	489.0	399.8	89.2	4.9	1.5	14.5	18.1	115.9	25.2	107.7	35.4	62.2	174.0	58.3	54.8
Single adult offspring 18 to 29	248.8	206.4	42.4	—	—	10.0	4.7	48.6	11.6	15.8	14.0	18.1	81.3	27.8	30.9
Single adult offspring 30 years of age or over	105.0	88.4	16.5	—	—	2.4	6.8	39.1	7.8	65.9	6.2	24.6	46.4	11.6	8.5
Households with three generations	83.4	70.5	12.9	3.5	—	3.6	6.7	26.8	5.8	21.7	5.0	14.1	40.3	7.3	6.6
Households with 1 subfamily	50.4	43.3	7.1	3.1	—	1.0	2.2	12.8	4.5	18.4	4.9	8.0	21.4	3.8	5.3
Subfamily householder age under 30	16.1	13.7	2.3	—	—	—	—	3.3	2.2	4.4	1.1	3.4	8.6	—	1.0
30 to 64	30.9	26.1	4.8	1.8	—	1.0	2.2	9.5	1.2	13.9	2.5	4.7	12.8	3.8	4.3
65 and over	3.5	3.5	—	1.3	—	—	—	—	1.0	—	—	—	—	—	—
Households with 2 or more subfamilies	1.2	—	1.2	—	—	—	—	1.2	—	—	—	1.2	1.2	—	—
Households with other types of relatives	183.0	148.0	35.0	3.1	1.5	4.6	9.9	54.0	11.2	42.6	15.2	31.4	76.2	18.9	17.4
With nonrelatives	167.1	90.6	76.5	1.1	1.5	7.7	6.8	33.0	11.0	11.3	48.3	28.9	64.0	24.0	13.9
Co-owners or co-renters	53.3	17.2	36.0	—	—	1.3	2.4	6.2	4.4	3.4	30.1	13.5	22.1	9.5	4.8
Lodgers	21.9	13.6	8.3	1.1	—	1.1	1.3	7.0	3.3	1.1	5.9	2.5	9.5	2.5	1.1
Unrelated children, under 18 years old	29.0	21.6	7.4	—	—	—	—	8.2	—	—	4.7	4.6	9.3	5.9	3.2
Other nonrelatives	84.1	49.3	34.8	—	1.5	5.3	2.1	16.5	4.3	6.8	12.1	15.6	30.4	8.5	9.5
One or more secondary families	3.4	3.4	—	—	—	—	—	1.2	—	—	1.2	—	1.1	—	—
2-person households, none related to each other	79.0	38.6	40.4	1.1	1.5	2.4	2.4	9.0	2.2	6.6	28.4	7.9	31.0	11.7	4.5
3-to-8-person households, none related to each other	17.7	5.6	12.1	—	—	—	—	0.9	6.1	2.2	—	7.0	10.9	—	3.6
Educational Attainment of the Householder															
Less than 9th grade	79.8	54.4	25.4	—	1.5	1.1	5.4	19.0	15.9	52.1	3.4	30.4	37.9	6.7	5.3
9th to 12th grade, no diploma	298.6	195.9	102.7	5.0	3.9	11.0	20.7	96.1	15.7	107.7	33.6	77.1	135.3	34.2	32.5
High school graduate (includes equivalency)	563.3	414.6	147.7	11.3	6.8	12.1	18.0	96.0	27.2	127.7	65.6	74.1	171.3	73.4	66.5
Additional vocational training	63.4	51.6	11.8	—	—	1.4	2.3	8.2	4.5	11.1	9.2	5.6	19.8	8.2	7.5
Some college, no degree	275.4	175.0	100.3	9.7	—	15.4	10.3	49.2	11.4	35.7	42.3	33.5	83.0	42.8	13.1
Associate degree	98.4	82.1	16.2	—	1.2	1.2	6.9	24.4	2.7	13.4	10.2	4.8	29.7	10.1	15.0
Bachelor's degree	327.7	235.4	92.3	11.5	—	5.6	8.0	34.7	2.3	31.2	51.2	16.9	69.4	67.3	52.2
Graduate or professional degree	231.5	176.7	54.8	9.5	—	3.2	6.0	22.1	3.9	38.6	30.6	11.7	55.7	47.1	26.2
Percent high school graduate or higher	83.2	85.1	78.5	100.7	60.0	78.4	68.4	68.7	65.8	63.4	88.3	59.0	73.6	88.4	85.6
Percent bachelor's degree or higher	29.8	30.9	27.2	43.0	—	17.7	18.7	16.6	7.9	17.2	34.5	11.5	21.5	40.6	37.2
Year Householder Moved Into Unit															
2000 to 2004	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1995 to 1999	718.5	351.9	366.7	48.7	4.8	20.3	29.0	151.1	42.8	54.4	236.9	94.1	232.9	101.7	69.3
1990 to 1994	301.8	223.6	78.2	—	1.1	7.8	17.1	33.8	15.7	44.1	—	35.2	80.3	47.7	43.7
1985 to 1989	219.1	189.8	29.3	—	4.3	5.2	6.7	30.0	6.1	31.5	—	26.1	60.8	37.7	23.9
1980 to 1984	150.1	121.4	28.7	—	—	4.5	8.1	27.4	5.6	29.2	—	18.7	41.7	21.6	17.5
1975 to 1979	128.3	108.5	19.9	—	2.8	4.2	2.3	21.0	1.2	30.2	—	14.5	28.8	15.1	11.3
1970 to 1974	102.8	97.0	5.8	—	1.4	1.1	3.5	20.6	3.3	36.1	—	12.2	32.8	16.8	11.6
1960 to 1969	148.4	137.9	10.6	—	—	4.3	6.6	38.2	3.3	83.9	—	22.2	63.7	24.8	15.6
1950 to 1959	78.1	78.1	—	—	—	2.1	2.1	14.5	1.1	73.1	—	15.2	26.2	12.6	13.8
1940 to 1949	23.9	22.5	1.4	—	—	—	—	4.9	—	20.5	—	9.1	13.8	3.8	3.2
1939 or earlier	3.5	3.5	—	—	—	—	—	—	—	3.5	—	1.0	4.2	—	1.0
Median	1991	1988	1995+	1995+	...	1992	1992	1992	1995+	1973	1995+	1991	1991	1991	1991
Household Moves and Formation in Last Year															
Total with a move in last year	365.3	192.2	173.1	18.8	3.6	8.2	15.8	79.9	25.5	30.1	236.9	51.5	130.4	53.5	32.2
Household all moved here from one unit	199.2	80.1	119.1	10.8	1.1	2.1	8.9	47.2	15.4	10.0	199.2	24.5	74.4	29.4	17.5
Householder of previous unit did not move here	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Householder of previous unit moved here	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Householder of previous unit not reported	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Household moved here from two or more units	30.1	13.5	16.5	1.3	—	1.3	—	3.5	2.2	—	30.1	3.2	9.1	7.2	1.1
No previous householder moved here	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1 previous householder moved here	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2 or more previous householders moved here	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Previous householder(s) not reported	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Some already here, rest moved in	134.9	97.4	37.4	6.7	2.5	3.7	6.9	29.2	7.9	20.1	6.5	23.8	46.9	17.0	13.6
No previous householder moved here	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1 or more previous householders moved here	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Previous householder(s) not reported	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Number of previous units not reported	1.1	1.1	—	—	—	1.1	—	—	—	—	1.1	—	—	—	—

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 years	Mobile homes	Physical problems		Black	Hispanic	Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three
						Severe	Moderate								
UNITS WHERE HOUSEHOLDER MOVED DURING PAST YEAR															
Total	228.0	93.6	134.3	12.1	1.1	4.5	10.1	51.8	16.5	8.9	228.0	31.0	79.8	35.4	20.8
Structure Type of Previous Residence															
Moved from within United States	228.0	93.6	134.3	12.1	1.1	4.5	10.1	51.8	16.5	8.9	228.0	31.0	79.8	35.4	20.8
House	105.9	51.9	54.0	8.9	–	1.1	2.0	23.1	7.3	3.2	105.9	15.4	31.5	25.7	9.7
Apartment	101.9	30.2	71.8	1.8	–	2.3	5.9	27.0	6.9	3.5	101.9	9.8	40.3	8.7	11.1
Mobile home	3.8	2.5	1.2	–	1.1	–	–	–	–	1.1	3.8	2.3	1.2	1.1	–
Other	10.7	4.6	6.1	1.4	–	–	1.1	1.6	1.1	–	10.7	3.4	3.4	–	–
Not reported	5.7	4.4	1.2	–	–	1.1	1.1	–	–	1.1	5.7	–	3.4	–	–
Tenure of Previous Residence															
House, apartment, mobile home in United States	211.6	84.6	127.0	10.7	1.1	3.4	7.9	50.2	15.4	7.8	211.6	27.6	73.1	35.4	20.8
Owner occupied	66.1	43.0	23.1	8.9	1.1	–	1.1	12.5	3.8	4.3	66.1	5.9	14.1	20.5	8.6
Renter occupied	145.5	41.6	103.9	1.8	–	3.4	6.9	37.7	11.6	3.5	145.5	21.7	58.9	14.9	12.2
Persons — Previous Residence															
House, apartment, mobile home in United States	211.6	84.6	127.0	10.7	1.1	3.4	7.9	50.2	15.4	7.8	211.6	27.6	73.1	35.4	20.8
1 person	29.7	8.3	21.4	1.8	–	1.3	–	5.9	–	3.2	29.7	2.1	10.5	6.1	4.4
2 persons	52.1	19.1	33.0	1.3	1.1	–	2.3	8.0	–	3.4	52.1	4.3	17.0	7.4	5.3
3 persons	54.3	25.3	29.0	3.5	–	1.1	3.6	19.0	3.6	1.2	54.3	4.7	17.4	10.5	1.2
4 persons	26.2	11.0	15.2	1.1	–	1.0	–	9.4	3.4	–	26.2	4.6	9.5	4.3	3.1
5 persons	26.0	11.4	14.6	1.9	–	–	1.1	3.4	3.9	–	26.0	5.3	7.2	4.9	4.7
6 persons	4.8	–	4.8	–	–	–	–	1.2	1.1	–	4.8	1.2	1.1	1.2	–
7 persons or more	3.3	1.1	2.2	–	–	–	–	–	1.1	–	3.3	2.2	2.2	1.1	–
Not reported	15.3	8.3	7.0	1.0	–	–	–	3.3	2.3	–	15.3	3.3	8.3	–	2.1
Previous Home Owned or Rented by Someone Who Moved Here															
House, apartment, mobile home in United States	211.6	84.6	127.0	10.7	1.1	3.4	7.9	50.2	15.4	7.8	211.6	27.6	73.1	35.4	20.8
Owned or rented by a mover	161.8	63.4	98.4	9.6	1.1	2.3	4.4	36.8	12.0	7.8	161.8	20.5	58.3	23.5	17.6
Owned or rented by other	42.9	16.3	26.6	–	–	1.1	3.5	12.3	3.5	–	42.9	5.9	11.3	11.9	2.2
By a relative	28.7	11.5	17.2	–	–	1.1	1.2	9.0	1.2	–	28.7	3.4	7.7	6.8	2.2
By a nonrelative	14.2	4.9	9.3	–	–	–	2.3	3.3	2.2	–	14.2	2.5	3.6	5.1	–
Not reported	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Not reported	6.9	4.9	2.1	1.0	–	–	–	1.2	–	–	6.9	1.2	3.4	–	1.0
Change in Housing Costs															
House, apartment, mobile home in United States	211.6	84.6	127.0	10.7	1.1	3.4	7.9	50.2	15.4	7.8	211.6	27.6	73.1	35.4	20.8
Increased with move	108.9	54.2	54.7	9.6	–	2.1	2.1	20.0	7.1	1.1	108.9	10.3	29.5	20.8	11.0
Decreased	50.3	13.4	36.9	1.1	–	–	3.4	13.6	3.5	1.1	50.3	4.4	21.6	6.4	5.5
Stayed about the same	42.6	12.9	29.7	–	1.1	1.3	2.4	13.3	3.6	5.7	42.6	10.6	19.5	7.0	4.4
Don't know	7.0	1.3	5.7	–	–	–	–	3.2	1.2	–	7.0	2.3	1.1	1.2	–
Not reported	2.8	2.8	–	–	–	–	–	–	–	–	2.8	–	1.4	–	–

¹See back cover for details.

Table 2-11. Reasons for Move and Choice of Current Residence—Occupied 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 years	Mobile homes	Physical problems		Black	Hispanic	Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three
						Severe	Moderate								
RESPONDENT MOVED DURING PAST YEAR															
Total	246.8	97.2	149.6	12.1	2.6	3.4	10.1	56.9	18.6	10.0	235.8	38.3	91.7	36.5	23.4
Reasons for Leaving Previous Unit²															
Private displacement	8.2	1.2	7.0	–	–	1.1	–	2.3	–	–	8.2	2.3	1.1	2.3	1.0
Owner to move into unit	2.2	–	2.2	–	–	–	–	1.1	–	–	2.2	1.1	1.1	–	–
To be converted to condominium or cooperative	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Closed for repairs	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Other	6.0	1.2	4.8	–	–	1.1	–	1.2	–	–	6.0	1.2	–	2.3	1.0
Not reported	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Government displacement	1.2	–	1.2	–	–	–	–	1.2	–	–	1.2	–	1.2	–	–
Government wanted building or land	1.2	–	1.2	–	–	–	–	1.2	–	–	1.2	–	1.2	–	–
Unit unfit for occupancy	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Other	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Not reported	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Disaster loss (fire, flood, etc.)	4.2	2.9	1.3	–	–	–	–	1.3	–	–	4.2	–	1.3	–	–
New job or job transfer	28.9	4.3	24.7	1.8	–	1.0	2.2	2.3	2.5	–	27.7	2.2	8.4	2.2	3.2
To be closer to work/school/other	32.5	8.5	24.1	–	–	–	–	6.0	1.2	1.1	31.3	5.3	11.8	4.5	3.2
Other, financial/employment related	14.7	3.8	10.8	–	–	–	–	3.8	–	–	14.7	1.3	5.7	3.9	1.2
To establish own household	40.0	25.1	15.0	–	–	–	1.1	13.7	1.2	–	40.0	2.3	14.5	4.3	2.1
Needed larger house or apartment	50.5	21.8	28.7	–	–	–	1.3	16.5	4.5	–	48.0	8.3	21.8	7.3	6.2
Married	7.6	4.2	3.4	–	–	–	–	2.3	–	–	7.6	–	4.5	–	–
Widowed, divorced or separated	2.3	–	2.3	–	–	–	–	–	–	1.1	2.3	–	2.3	–	–
Other, family/person related	23.8	5.2	18.6	1.3	1.5	–	–	7.3	–	3.4	18.5	5.0	4.6	4.6	5.9
Wanted better home	40.5	24.1	16.4	6.6	–	–	1.3	11.2	2.2	–	37.9	5.8	9.3	6.0	5.9
Change from owner to renter	1.1	–	1.1	–	–	–	–	–	–	–	1.1	–	1.1	–	–
Change from renter to owner	17.0	17.0	–	–	–	–	–	5.2	–	1.2	17.0	–	1.1	3.9	1.1
Wanted lower rent or maintenance	15.0	2.3	12.7	–	–	–	–	3.6	2.3	–	15.0	–	10.4	–	2.3
Other housing related reasons	12.0	3.3	8.6	–	–	–	–	2.4	1.2	2.2	12.0	2.5	4.8	3.7	2.2
Other	32.6	13.7	18.8	5.0	1.1	–	–	8.6	3.6	2.2	30.4	10.6	17.9	5.8	1.1
Not reported	8.3	7.1	1.2	1.0	–	–	–	1.1	–	1.1	8.3	–	3.6	1.2	1.0
Main Reason for Leaving Previous Unit															
All reported reasons equal	3.7	1.1	2.6	–	–	–	–	–	–	–	3.7	–	1.3	–	1.1
Private displacement	4.9	–	4.9	–	–	–	–	2.3	–	–	4.9	2.3	1.1	2.3	–
Government displacement	1.2	–	1.2	–	–	–	–	1.2	–	–	1.2	–	1.2	–	–
Disaster loss (fire, flood, etc.)	2.7	1.5	1.3	–	–	–	–	1.3	–	–	2.7	–	1.3	–	–
New job or job transfer	23.2	2.2	21.0	1.8	–	1.0	2.2	2.3	2.5	–	22.0	2.2	7.3	1.1	2.1
To be closer to work/school/other	17.0	2.4	14.6	–	–	–	–	3.6	–	–	15.8	5.3	6.9	1.1	3.2
Other, financial/employment related	8.9	2.5	6.3	–	–	–	–	3.8	–	–	8.9	1.3	3.4	2.7	–
To establish own household	26.3	18.3	8.0	–	–	–	1.1	10.2	1.2	–	26.3	1.3	7.7	4.3	1.1
Needed larger house or apartment	36.1	14.7	21.4	–	–	1.3	1.3	11.8	4.5	–	36.1	4.7	16.0	4.7	2.5
Married, widowed, divorced, or separated	17.8	6.6	11.3	–	–	–	–	2.3	1.1	1.1	16.7	1.2	6.9	3.3	1.0
Other, family/personal related	17.0	5.2	11.8	1.3	1.5	–	–	4.9	–	3.4	11.7	5.0	3.4	3.5	3.7
Wanted better home	19.9	11.1	8.8	6.6	–	–	–	1.1	2.2	–	19.9	2.1	2.2	4.6	2.2
Change from owner to renter or renter to owner	11.0	11.0	–	–	–	–	–	2.3	–	1.2	11.0	–	1.1	3.9	–
Wanted lower rent or maintenance	15.0	2.3	12.7	–	–	–	–	3.6	2.3	–	15.0	–	10.4	–	2.3
Other housing related reasons	5.0	1.1	4.0	–	–	–	–	–	1.2	1.1	5.0	2.5	2.5	1.5	1.1
Other	26.6	10.2	16.4	1.4	1.1	–	–	6.1	3.6	2.2	24.3	10.6	15.4	2.3	1.1
Not reported	10.5	7.1	3.3	1.0	–	–	–	1.1	–	1.1	10.5	–	3.6	1.2	2.1
Choice of Present Neighborhood²															
Convenient to job	80.4	36.7	43.6	1.8	–	1.3	1.1	7.6	5.8	1.2	79.1	3.3	19.1	11.5	6.6
Convenient to friends or relatives	79.3	36.1	43.2	5.5	1.5	–	2.4	17.2	2.2	3.3	72.0	8.4	26.6	19.1	9.1
Convenient to leisure activities	32.0	17.9	14.1	–	–	–	–	6.9	–	–	32.0	2.3	12.6	6.7	2.3
Convenient to public transportation	36.5	19.6	16.9	1.9	–	–	–	5.9	1.1	4.6	36.5	2.4	15.3	5.6	1.2
Good schools	44.4	23.9	20.5	1.9	–	1.0	1.2	8.8	4.5	–	44.4	7.5	12.2	9.0	4.3
Other public services	18.0	6.3	11.6	–	–	–	–	5.8	–	–	18.0	1.1	9.2	1.0	4.4
Looks/design of neighborhood	75.5	34.3	41.3	7.5	–	1.1	–	15.9	6.0	5.7	73.0	9.6	17.0	12.5	13.9
House was most important consideration	58.6	37.1	21.5	3.2	–	1.1	–	15.1	5.1	2.2	58.6	6.1	21.2	11.6	2.2
Other	30.0	8.0	22.0	–	–	–	–	11.4	3.4	1.1	27.6	8.5	17.4	3.4	2.2
Not reported	26.5	12.9	13.6	1.0	1.1	–	3.1	5.8	1.1	2.2	26.5	4.2	16.1	1.1	1.0
Main Reason for Choice of Present Neighborhood															
All reported reasons equal	11.2	4.3	7.0	1.9	–	1.1	–	1.2	1.1	–	11.2	–	4.8	2.3	–
Convenient to job	43.3	16.8	26.5	–	–	1.3	1.1	3.7	4.7	1.2	42.0	2.1	7.4	5.7	4.3
Convenient to friends or relatives	38.8	10.7	28.2	3.5	1.5	–	2.4	13.8	–	2.2	31.5	7.3	12.7	9.9	5.7
Convenient to leisure activities	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Convenient to public transportation	8.7	1.4	7.3	–	–	–	–	1.3	–	2.3	8.7	1.3	5.0	–	–
Good schools	25.2	10.9	14.4	–	–	1.0	1.2	5.3	3.4	–	25.2	6.4	8.6	4.5	1.0
Other public services	3.3	–	3.3	–	–	–	–	1.2	–	–	3.3	–	2.3	–	1.0
Looks/design of neighborhood	33.0	13.0	20.0	5.6	–	–	–	6.1	3.7	1.1	33.0	6.0	8.0	3.6	8.1
House was most important consideration	33.4	21.5	11.9	–	–	–	–	9.2	2.5	–	33.4	3.6	12.7	7.2	1.0
Other	23.3	5.8	17.5	–	–	–	–	9.3	2.2	1.1	20.9	7.4	14.2	2.2	1.2
Not reported	26.5	12.9	13.6	1.0	1.1	–	3.1	5.8	1.1	2.2	26.5	4.2	16.1	1.1	1.0
Neighborhood Search															
Looked at just this neighborhood	96.1	32.9	63.2	5.5	2.6	–	2.2	21.2	8.0	4.4	88.8	16.8	42.1	12.1	4.3
Looked at other neighborhood(s)	141.1	57.2	83.9	5.6	–	3.4	6.8	35.6	10.6	4.5	137.3	21.5	43.5	24.5	18.1
Not reported	9.6	7.1	2.5	1.0	–	–	1.1	–	–	1.1	9.6	–	6.1	–	1.0
Choice of Present Home²															
Financial reasons	85.7	31.5	54.1	–	–	1.1	3.4	17.3	4.5	–	83.3	13.2	33.3	16.4	8.7
Room layout/design	84.7	44.0	40.7	8.0	–	1.1	.9	20.8	3.8	3.5	82.1	11.6	19.1	20.1	8.0
Kitchen	27.6	13.1	14.5	–	–	–	–	8.5	1.1	–	25.0	4.7	8.7	6.6	4.6
Size	82.0	37.2	44.8	5.5	–	2.4	3.4	22.0	3.3	3.4	78.2	11.3	31.4	15.0	10.5
Exterior appearance	51.4	32.8	18.6	7.9	–	–	–	16.3	2.6	1.1	48.9	6.2	12.9	11.7	7.0
Yard/trees/view	47.8	23.6	24.3	3.0	–	–	–	13.0	2.2	3.4	45.3	5.8	11.3	10.2	8.1
Quality of construction	44.3	25.8	18.5	8.5	–	–	–	13.0	2.6	2.2	41.8	5.1	10.5	12.5	5.8
Only one available	12.6	1.1	11.5	–	–	–	–	3.6	2.5	1.1	11.4	4.8	9.2		

Table 2-11. Reasons for Move and Choice of Current Residence—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 years	Mobile homes	Physical problems		Black	Hispanic	Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three
						Severe	Moderate								
RESPONDENT MOVED DURING PAST YEAR—Con.															
Main Reason for Choice of Present Home															
All reported reasons equal	11.6	7.0	4.6	1.9	—	—	—	6.2	—	—	11.6	—	2.3	2.2	1.2
Financial reasons	66.4	21.5	44.9	—	—	1.1	3.4	12.6	4.5	—	64.1	12.3	27.6	10.5	6.5
Room layout/design	43.8	25.7	18.1	6.1	—	—	—	6.2	2.6	1.2	43.8	4.9	7.3	13.0	1.0
Kitchen .....	.9	—	.9	—	—	—	—	—	—	—	.9	—	.9	—	—
Size	30.4	9.0	21.4	—	—	1.3	3.4	10.7	1.1	2.3	30.4	5.4	17.5	1.4	3.6
Exterior appearance	10.5	7.0	3.5	—	—	—	—	1.3	—	—	10.5	—	1.3	2.6	1.0
Yard/trees/view	9.6	2.7	6.9	—	—	—	—	1.2	1.1	—	9.6	1.1	2.2	1.2	—
Quality of construction	13.4	5.7	7.7	3.1	—	—	—	4.8	—	2.2	10.8	3.7	2.2	2.3	4.8
Only one available	9.4	—	9.4	—	—	—	—	3.6	2.5	1.1	8.2	3.9	7.1	1.2	—
Other	25.0	4.5	20.5	—	—	1.0	2.3	6.9	3.5	1.1	21.6	3.6	11.5	1.1	3.3
Not reported	25.8	14.1	11.7	1.0	...	—	1.1	3.4	3.4	2.2	24.3	3.4	11.8	1.1	2.1
Home Search															
Now in house	157.2	85.7	71.5	10.3	...	1.1	4.3	37.9	13.1	4.3	149.8	21.8	59.9	24.5	13.6
Did not look at apartments	120.0	71.0	49.0	8.2	...	1.1	2.2	28.5	10.8	3.2	115.2	13.4	42.3	21.2	8.9
Looked at apartments too	29.1	7.9	21.2	1.1	...	—	—	9.4	2.3	—	26.6	8.4	11.8	3.3	3.6
Search not reported	8.1	6.9	1.2	1.0	...	—	—	—	—	1.1	8.1	—	5.9	—	1.0
Now in mobile home	2.6	2.6	—	—	2.6	—	—	—	—	1.1	1.1	1.1	—	1.1	—
Did not look at apartments	2.6	2.6	—	—	2.6	—	—	—	—	1.1	1.1	1.1	—	1.1	—
Looked at apartments too	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Search not reported	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Now in apartment	87.0	8.9	78.1	1.8	...	2.3	5.8	18.9	5.5	4.6	84.8	15.4	31.8	11.0	9.8
Did not look at houses	59.8	3.7	56.1	1.8	...	1.0	5.8	15.2	3.3	4.6	58.8	11.0	16.9	7.2	7.5
Looked at houses too	25.9	3.8	22.0	—	...	1.3	—	3.7	2.2	—	24.6	4.4	14.9	3.8	2.3
Search not reported	1.3	1.3	—	—	—	—	—	—	—	—	1.3	—	—	—	—
Recent Mover Comparison to Previous Home															
Better home	134.8	59.4	75.4	10.0	—	2.4	5.7	41.1	8.1	2.2	131.0	21.2	49.9	16.1	12.7
Worse home	33.6	7.5	26.0	—	1.5	—	3.3	2.2	2.5	1.1	31.1	4.7	11.5	8.7	4.3
About the same	66.8	20.9	45.8	1.1	1.1	1.0	—	13.6	7.0	5.6	62.0	12.4	24.4	11.7	5.3
Not reported	11.6	9.3	2.3	1.0	—	—	1.1	—	1.1	1.1	11.6	—	5.9	—	1.0
Recent Mover Comparison to Previous Neighborhood															
Better neighborhood	97.9	48.0	49.9	10.0	—	1.1	2.4	21.5	7.1	2.2	95.4	12.9	26.9	17.7	8.8
Worse neighborhood	35.5	9.4	26.1	—	1.5	—	3.3	4.7	3.4	2.3	30.6	7.1	18.7	3.3	2.1
About the same	86.4	24.8	61.6	1.1	1.1	1.0	3.4	26.6	4.7	4.4	83.9	16.2	29.4	14.4	10.4
Same neighborhood	16.5	6.8	9.7	—	—	1.3	—	4.2	2.3	—	15.4	2.2	10.9	1.1	1.0
Not reported	10.5	8.2	2.3	1.0	—	—	1.1	—	1.1	1.1	10.5	—	5.9	—	1.0

¹See back cover for details.

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

Table 2-12. Income Characteristics—Occupied Units

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

Characteristics	Total occupied units	Tenure		Housing unit characteristics				Household characteristics					Selected subareas ¹		
		Owner	Renter	New construction 4 years	Mobile homes	Physical problems		Black	Hispanic	Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three
						Severe	Moderate								
Total	1 874.6	1 334.1	540.5	48.7	13.4	49.6	75.3	341.5	79.1	406.3	236.9	248.5	582.3	281.7	210.8
Household Income															
Less than \$5,000	111.4	57.7	53.7	3.5	1.1	6.8	4.6	39.3	5.7	37.5	15.9	111.4	69.0	10.0	14.4
\$5,000 to \$9,999	107.1	57.0	50.1	—	1.5	3.4	5.9	33.9	11.2	55.2	9.3	90.4	56.9	7.8	6.3
\$10,000 to \$14,999	118.0	65.1	52.9	—	2.8	5.1	9.9	42.0	11.2	52.6	20.1	33.1	70.9	5.5	7.6
\$15,000 to \$19,999	126.6	70.1	56.5	—	—	2.2	5.9	39.7	10.3	68.5	15.1	12.2	46.3	11.9	20.8
\$20,000 to \$24,999	105.6	65.5	40.1	—	2.6	5.9	4.7	33.3	3.4	29.4	12.9	1.5	46.1	6.9	8.6
\$25,000 to \$29,999	107.9	62.9	45.0	—	—	1.0	5.5	20.8	3.4	22.8	15.5	—	37.2	15.3	13.8
\$30,000 to \$34,999	127.6	64.3	63.2	1.8	—	5.3	5.5	25.1	4.3	21.9	27.6	—	38.2	17.4	17.8
\$35,000 to \$39,999	107.0	70.5	36.5	—	—	2.1	6.9	19.6	6.6	18.3	17.4	—	32.7	21.4	11.0
\$40,000 to \$49,999	184.4	142.1	42.3	4.6	1.4	1.3	11.5	16.6	5.6	34.5	25.0	—	45.9	28.3	23.8
\$50,000 to \$59,999	142.2	117.5	24.8	7.0	—	1.1	2.2	27.4	3.8	13.4	9.1	—	32.6	17.8	14.3
\$60,000 to \$79,999	249.8	194.9	54.9	8.2	1.0	8.6	7.1	22.4	6.2	20.5	30.4	—	62.1	48.6	29.8
\$80,000 to \$99,999	130.6	118.1	12.5	10.3	2.9	3.4	1.1	6.9	5.3	15.5	19.6	—	12.9	34.6	14.2
\$100,000 to \$119,999	103.8	98.0	5.7	6.3	—	1.1	—	5.7	2.2	4.3	7.3	—	13.9	22.5	12.8
\$120,000 or more	152.6	150.4	2.2	7.0	—	2.2	4.6	9.0	—	11.7	11.7	—	17.4	33.7	15.6
Median	41 415	51 010	26 882	78 240	...	30 332	31 109	22 394	21 711	19 220	35 607	5 713	25 264	59 164	42 162
As percent of poverty level:															
Less than 50 percent	129.0	66.8	62.2	3.5	1.1	6.8	6.9	47.6	10.3	39.0	19.3	129.0	78.8	10.0	15.4
50 to 99	119.5	63.9	55.5	—	1.5	6.3	5.9	39.6	14.5	51.8	12.7	119.5	69.9	5.6	6.7
100 to 149	137.4	79.4	58.0	—	1.4	4.4	10.2	53.7	9.2	49.7	22.4	...	70.0	7.7	10.9
150 to 199	149.7	86.1	63.6	—	1.4	3.6	9.3	37.9	11.2	57.8	20.7	...	52.8	17.8	17.6
200 percent or more	1 339.0	1 037.8	301.2	45.2	8.0	28.5	43.0	162.6	34.0	208.0	161.7	...	310.7	240.7	160.3
Income of Families and Primary Individuals															
Less than \$5,000	116.5	60.2	56.2	3.5	1.1	6.8	4.6	41.8	5.7	38.6	17.3	112.7	70.1	11.5	14.4
\$5,000 to \$9,999	114.0	59.4	54.6	—	1.5	3.4	5.9	37.4	11.2	57.5	9.3	91.5	59.3	7.8	8.8
\$10,000 to \$14,999	122.3	64.9	57.4	—	2.8	5.1	11.0	40.7	13.4	53.6	23.5	33.1	69.5	5.5	8.7
\$15,000 to \$19,999	128.1	72.5	55.6	—	—	2.2	5.9	37.3	12.4	66.4	17.6	9.7	46.7	13.3	19.4
\$20,000 to \$24,999	107.7	64.4	43.3	—	2.6	5.9	4.8	34.5	2.3	27.1	13.7	1.5	44.8	8.2	7.5
\$25,000 to \$29,999	112.8	66.5	46.2	—	—	2.4	5.5	20.8	2.3	22.8	14.0	—	39.4	15.3	13.8
\$30,000 to \$34,999	119.1	60.3	58.8	1.8	—	3.9	5.5	25.0	3.3	21.9	23.9	—	37.0	17.2	18.8
\$35,000 to \$39,999	110.1	76.7	33.4	—	—	5.0	5.7	18.4	5.5	18.3	16.3	—	33.8	21.5	11.0
\$40,000 to \$49,999	184.0	144.1	39.9	4.6	1.4	1.3	11.5	16.6	6.6	34.5	24.2	—	47.3	28.0	22.7
\$50,000 to \$59,999	144.1	117.6	26.4	7.0	—	1.1	2.2	26.1	2.7	13.4	13.2	—	33.5	20.5	14.3
\$60,000 to \$79,999	232.7	183.3	49.4	9.3	1.0	5.8	7.1	21.3	6.2	20.5	25.2	—	57.8	42.2	28.8
\$80,000 to \$99,999	130.3	117.9	12.5	10.3	2.9	3.4	1.1	8.0	5.3	16.6	19.6	—	14.0	34.6	14.2
\$100,000 to \$119,999	100.4	95.8	4.6	5.2	—	1.1	—	4.6	2.2	3.2	7.3	—	11.8	22.5	12.8
\$120,000 or more	152.6	150.4	2.2	7.0	—	2.2	4.6	9.0	—	11.8	11.7	—	17.4	33.7	15.6
Median	40 375	49 866	25 339	76 049	...	27 934	29 993	21 965	18 728	19 022	34 813	5 629	25 111	56 176	41 312
Income Sources of Families and Primary Individuals²															
Wages and salaries	1 481.6	1 061.4	420.2	41.6	10.8	34.7	56.3	252.5	59.9	151.7	211.7	72.4	412.4	229.9	173.7
Wages and salaries were majority of income, 2 or more people each earned over 20% of wages and salaries	1 347.7	953.3	394.4	36.2	7.9	32.4	51.5	232.2	52.9	86.9	202.8	59.1	382.8	211.5	154.0
Business, farm, or ranch	511.2	422.7	88.5	17.1	2.8	8.5	16.9	54.4	21.0	19.6	61.6	6.1	121.6	86.0	60.2
Social Security or pensions	123.6	108.0	15.6	6.8	1.5	2.3	2.5	7.9	2.2	11.3	5.5	2.6	20.7	34.5	14.5
Interest	556.2	462.7	93.5	9.2	5.1	16.3	19.0	80.1	18.9	377.8	21.7	107.0	185.7	84.3	61.3
Stock dividend(s)	731.4	612.5	118.8	28.4	2.5	12.2	17.0	42.6	13.5	222.0	65.0	48.0	119.6	167.2	98.9
Rental income with lodger(s)	408.5	355.9	52.6	13.7	—	10.1	7.0	13.9	5.5	123.6	25.1	17.2	49.3	115.5	55.7
Welfare or SSI	102.4	99.9	2.6	5.3	1.4	4.4	1.2	15.3	2.7	28.7	9.5	4.3	23.7	27.1	9.0
Alimony or child support	96.4	43.1	53.4	5.3	—	4.4	5.9	38.2	15.2	24.3	11.3	58.9	57.1	7.3	3.1
Other	86.8	52.9	33.9	1.8	—	4.8	5.5	22.7	3.3	3.2	10.8	10.8	24.2	10.8	11.4
	132.5	98.8	33.7	4.6	1.4	4.5	7.9	26.1	3.8	23.3	10.0	19.5	31.3	23.0	9.0
Amount of Savings and Investments															
Income of \$25,000 or less	618.3	331.0	287.3	3.5	8.0	23.4	33.3	197.2	47.3	245.4	86.2	248.5	301.8	51.0	61.0
No savings or investments	318.9	137.6	181.3	—	4.1	20.2	20.0	125.7	38.5	97.7	51.0	136.3	174.4	23.3	23.8
\$25,000 or less	153.2	96.2	57.1	—	3.8	2.2	4.6	40.3	5.6	70.3	25.9	56.9	76.4	14.3	13.2
More than \$25,000	58.8	40.1	18.7	—	—	1.0	4.7	2.2	1.1	44.1	2.0	19.6	14.1	7.9	6.3
Not reported	87.5	57.1	30.3	3.5	—	—	4.1	29.0	2.1	33.3	7.3	35.6	36.9	5.5	17.7
Food Stamps															
Income of \$25,000 or less	618.3	331.0	287.3	3.5	8.0	23.4	33.3	197.2	47.3	245.4	86.2	248.5	301.8	51.0	61.0
Family members received food stamps	97.3	31.5	65.8	—	—	5.2	7.1	51.1	19.5	19.9	18.2	70.4	71.2	3.8	2.1
Did not receive food stamps	469.9	263.9	206.1	—	8.0	18.2	24.0	125.1	26.7	213.3	59.6	158.2	204.5	45.0	51.1
Not reported	51.1	35.6	15.5	3.5	—	—	2.2	21.1	1.1	12.1	8.4	20.0	26.1	2.2	7.7
Rent Reductions															
No subsidy	468.8	—	468.8	1.8	—	18.2	31.0	112.7	33.2	63.8	117.5	89.0	187.2	69.7	42.5
Rent control	5.6	—	5.6	—	—	—	—	1.2	—	1.0	—	2.4	—	—	—
No rent control	460.6	—	460.6	1.8	—	18.2	31.0	109.0	33.2	62.8	117.5	84.0	187.2	69.7	39.9
Reduced by owner	19.9	—	19.9	—	—	3.6	1.1	2.1	2.3	2.2	1.1	1.1	5.7	3.4	1.0
Not reduced by owner	440.7	—	440.7	1.8	—	14.7	29.9	106.8	30.9	60.6	116.4	82.9	181.5	66.3	38.9
Owner reduction not reported	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Rent control not reported	2.6	—	2.6	—	—	—	—	2.6	—	—	—	2.6	—	—	2.6
Owned by public housing authority	18.8	—	18.8	—	—	1.2	2.5	16.6	.9	—	2.5	10.3	13.4	—	2.1
Government subsidy	21.4	—	21.4	—	—	—	1.3	8.2	2.3	8.6	4.8	8.1	7.3	2.2	1.0
Other, income verification	20.4	—	20.4	—	—	—	2.2	6.9	1.2	1.0	12.9	6.9	7.2	—	4.2
Subsidy not reported	11.2	—	11.2	1.1	—	—	—	9.0	—	1.0	3.3	3.5	6.8	—	1.0

¹See back cover for details.

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

Table 2-13. Selected Housing Costs—Occupied Units

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

Characteristics	Total occupied units	Tenure		Housing unit characteristics				Household characteristics					Selected subareas ¹		
		Owner	Renter	New construction 4 years	Mobile homes	Physical problems		Black	Hispanic	Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three
						Severe	Moderate								
Total	1 874.6	1 334.1	540.5	48.7	13.4	49.6	75.3	341.5	79.1	406.3	236.9	248.5	582.3	281.7	210.8
Monthly Housing Costs															
Less than \$100	13.2	9.1	4.1	–	–	–	2.3	5.5	5.6	5.6	–	9.0	10.4	–	1.0
\$100 to \$199	79.6	57.2	22.4	–	–	4.6	1.1	47.7	4.3	34.1	8.4	33.2	62.0	3.9	2.1
\$200 to \$249	49.5	48.2	1.2	–	–	–	–	2.2	21.4	4.3	21.3	1.1	9.8	34.5	2.3
\$250 to \$299	67.1	58.9	8.2	–	2.7	–	–	3.2	20.3	–	32.1	–	11.4	36.1	12.0
\$300 to \$349	95.8	83.5	12.4	–	1.0	4.2	7.0	24.0	3.3	40.4	8.4	23.1	50.4	14.0	9.9
\$350 to \$399	107.6	87.3	20.3	–	4.3	5.6	6.0	20.9	5.6	44.2	8.1	15.0	45.6	14.0	14.1
\$400 to \$449	91.7	70.0	21.7	–	1.4	1.0	–	12.7	3.2	35.2	4.3	12.3	34.7	10.5	8.9
\$450 to \$499	124.2	89.5	34.8	–	2.9	8.1	3.4	20.8	3.5	37.8	8.7	19.6	38.0	13.5	14.1
\$500 to \$599	219.4	124.8	94.6	10.7	–	2.1	7.8	32.4	13.8	48.6	31.9	34.0	57.4	29.3	32.1
\$600 to \$699	153.5	64.1	89.4	–	–	4.4	16.3	37.1	11.2	30.8	34.7	22.9	51.0	22.7	15.2
\$700 to \$799	148.0	63.1	85.0	2.2	–	6.7	7.4	22.7	9.0	20.8	29.0	18.9	43.7	21.0	22.8
\$800 to \$999	200.2	137.7	62.5	1.8	1.1	2.3	7.6	26.8	2.3	18.4	29.5	11.1	44.7	32.0	17.5
\$1,000 to \$1,249	186.8	152.5	34.3	13.1	–	3.3	3.5	21.4	7.4	11.6	33.1	12.2	25.0	45.1	18.8
\$1,250 to \$1,499	121.1	111.7	9.5	5.7	–	1.2	2.2	8.3	1.1	7.1	15.0	2.2	17.5	25.1	16.9
\$1,500 or more	190.4	176.6	13.9	15.3	–	3.3	3.1	9.1	3.2	16.2	18.9	9.2	19.5	35.2	28.7
No cash rent	26.3	...	26.3	–	–	2.6	2.3	10.5	1.2	2.2	5.7	4.6	11.8	1.1	–
Median (excludes no cash rent)	649	660	642	1 185	...	499	622	481	566	435	734	471	465	787	695
Median Monthly Housing Costs for Owners															
Monthly costs including all mortgages plus maintenance costs	717	717	...	1 232	...	578	611	471	488	436	1 095	420	423	981	798
Monthly costs excluding second and subsequent mortgages and maintenance costs	658	658	...	1 212	...	436	571	387	468	406	1 075	384	384	874	727
Monthly Housing Costs as Percent of Current Income²															
Less than 5 percent	53.5	52.5	1.1	–	1.5	2.2	–	12.3	1.0	10.1	2.2	–	25.9	6.7	1.0
5 to 9 percent	246.7	229.4	17.3	4.6	2.5	3.4	12.6	34.2	11.3	42.4	17.1	3.6	85.2	39.8	26.9
10 to 14 percent	279.7	227.9	51.8	12.4	1.4	4.4	11.1	42.1	8.6	60.9	24.6	5.5	69.9	45.5	32.4
15 to 19 percent	293.3	219.9	73.4	6.6	1.2	10.2	8.0	34.6	10.2	54.4	31.0	3.4	75.2	65.4	34.2
20 to 24 percent	205.5	135.5	70.0	2.7	1.4	2.3	4.4	39.5	4.9	29.2	26.9	13.7	53.2	35.4	20.3
25 to 29 percent	169.4	116.5	52.9	5.8	–	2.3	7.4	30.7	7.6	43.3	22.2	11.2	53.7	29.6	16.6
30 to 34 percent	117.9	74.1	43.8	7.4	–	1.1	5.8	21.3	3.8	16.0	24.9	6.6	26.9	17.3	11.5
35 to 39 percent	86.9	56.0	30.9	1.8	1.4	4.9	1.3	18.2	1.7	16.4	16.2	6.7	21.0	9.9	12.8
40 to 49 percent	97.3	57.8	39.6	2.6	1.4	4.3	4.7	23.0	6.0	25.5	20.7	11.0	25.3	8.1	14.2
50 to 59 percent	64.7	38.7	25.9	1.3	–	–	4.3	13.1	6.0	24.1	8.4	21.2	23.3	4.5	8.9
60 to 69 percent	33.5	18.1	15.4	–	–	1.0	3.1	6.8	1.2	13.0	8.4	13.5	14.3	4.7	2.2
70 to 99 percent	57.4	33.8	23.7	–	1.5	2.9	4.3	12.7	7.7	18.0	10.4	27.8	29.1	1.3	9.5
100 percent or more ³	95.7	49.5	46.2	–	1.1	4.7	2.4	25.2	5.5	40.6	9.4	74.1	34.3	7.9	18.2
Zero or negative income	46.7	24.4	22.3	3.5	–	3.3	3.4	17.3	2.3	10.4	8.7	45.6	33.2	4.3	2.1
No cash rent	26.3	–	26.3	–	–	2.6	2.3	10.5	1.2	2.2	5.7	4.6	11.8	1.1	–
Median (excludes 2 previous lines)	21	18	28	19	...	24	23	24	26	25	27	73	21	19	22
Median (excludes 3 lines before medians)	20	18	26	19	...	20	22	23	24	21	26	50	20	18	20
Rent Paid by Lodgers															
Lodgers in housing units	20.8	12.5	8.3	1.1	–	1.1	1.3	5.9	3.3	1.1	5.9	2.5	8.4	2.5	1.1
Less than \$100 per month	1.1	1.1	–	–	–	–	–	–	1.1	–	1.1	–	–	1.1	–
\$100 to \$199	1.3	–	1.3	–	–	–	–	1.3	1.3	–	1.3	1.3	1.3	–	–
\$200 to \$299	3.4	2.2	1.2	–	–	–	–	1.1	–	1.1	–	1.2	2.3	–	1.1
\$300 to \$399	4.8	1.2	3.6	–	–	–	–	–	1.1	–	2.5	–	–	1.4	–
\$400 or more per month	8.9	6.8	2.2	1.1	–	1.1	–	2.3	1.1	–	1.0	–	3.6	–	–
Not reported	1.2	1.2	–	–	–	–	–	1.2	–	–	–	–	1.2	–	–
Median	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Monthly Cost Paid for Electricity															
Electricity used	1 874.6	1 334.1	540.5	48.7	13.4	49.6	75.3	341.5	79.1	406.3	236.9	248.5	582.3	281.7	210.8
Less than \$25	110.2	44.8	65.3	–	–	4.3	8.4	35.6	4.7	30.8	12.0	25.8	43.4	12.5	8.9
\$25 to \$49	414.5	253.4	161.0	6.5	5.7	15.6	25.3	98.7	23.6	96.9	71.8	72.4	167.0	56.6	44.1
\$50 to \$74	444.8	332.7	112.1	10.3	2.9	7.1	15.4	82.1	24.2	96.8	70.4	50.7	149.6	67.6	42.4
\$75 to \$99	287.0	235.3	51.7	8.9	2.6	3.4	7.9	41.9	8.0	66.0	24.2	33.2	82.9	50.4	41.0
\$100 to \$149	290.3	255.4	34.9	12.0	1.1	13.6	6.8	28.8	5.5	48.5	19.4	29.4	65.6	42.4	38.8
\$150 to \$199	110.4	98.4	12.0	5.9	–	1.1	4.5	10.1	2.2	12.2	7.6	6.9	8.6	23.4	13.9
\$200 or more	74.0	56.7	17.4	3.7	–	1.2	–	11.5	2.3	13.7	5.8	5.9	20.0	12.9	7.7
Median	69	76	50	94	...	62	51	56	57	64	58	57	60	74	77
Included in rent, other fee, or obtained free	143.4	57.3	86.1	1.3	1.0	3.2	7.0	32.8	8.7	41.4	25.6	24.3	45.3	15.8	14.1
Monthly Cost Paid for Piped Gas															
Piped gas used	1 307.2	904.9	402.3	28.2	–	31.2	57.2	309.8	66.4	296.9	179.5	200.4	545.6	144.9	157.6
Less than \$25	135.9	82.4	53.5	1.1	–	1.3	8.0	41.0	5.5	37.1	19.3	18.3	54.0	11.6	26.4
\$25 to \$49	337.0	250.5	86.5	3.8	–	5.8	21.1	74.3	22.6	71.9	52.1	61.1	165.7	30.0	42.5
\$50 to \$74	264.6	218.5	46.1	18.8	–	7.6	4.5	49.5	9.9	63.3	28.2	29.5	105.8	31.2	29.8
\$75 to \$99	152.6	132.6	20.0	–	–	2.1	1.1	25.7	5.6	31.1	13.2	17.2	63.5	15.5	17.4
\$100 to \$149	101.1	83.1	18.1	–	–	1.4	8.0	30.0	2.2	14.7	9.8	10.4	44.8	15.6	10.4
\$150 to \$199	29.6	23.8	5.8	–	–	2.3	1.1	11.1	1.0	9.0	3.9	5.6	18.2	2.3	2.3
\$200 or more	31.5	23.1	8.4	–	–	1.1	3.6	10.9	3.2	12.3	2.4	12.0	17.7	4.6	–
Median	55	58	44	...	...	62	44	53	47	54	47	49	54	61	47
Included in rent, other fee, or obtained free	254.8	90.9	163.9	4.6	–	9.6	9.8	67.3	16.3	57.6	50.5	46.4	75.9	34.0	28.8

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 years	Mobile homes	Physical problems		Black	Hispanic	Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three
						Severe	Moderate								
Average Monthly Cost Paid for Fuel Oil															
Fuel oil used	527.8	395.0	132.9	5.0	6.8	14.5	18.0	72.8	15.9	130.5	49.3	52.5	90.0	109.4	54.9
Less than \$25	32.2	25.7	6.5	—	.1	—	—	4.4	1.1	10.0	2.7	2.1	4.4	3.4	9.6
\$25 to \$49	125.7	106.5	19.2	1.7	2.7	3.3	4.9	7.7	6.0	18.1	9.8	9.3	6.7	30.9	17.1
\$50 to \$74	138.4	125.2	13.2	1.1	2.9	2.8	3.3	23.2	2.4	38.0	5.6	13.8	24.7	29.9	7.4
\$75 to \$99	72.6	68.8	3.8	1.0	—	1.3	2.2	6.9	2.2	22.8	7.9	10.2	11.8	9.9	7.5
\$100 to \$149	49.2	44.6	4.5	—	—	—	1.1	3.2	1.1	17.8	2.2	6.9	4.5	9.5	6.4
\$150 to \$199	12.9	12.9	—	—	—	—	—	2.5	—	1.1	—	—	4.9	1.1	3.3
\$200 or more	1.3	1.3	—	—	—	—	—	—	—	—	—	—	—	—	—
Median	61	62	47	...	...	...	...	63	...	67	57	68	68	57	48
Included in rent, other fee, or obtained free	95.6	9.9	85.7	1.1	1.0	5.8	5.4	24.9	3.2	22.6	21.1	10.2	33.1	24.7	3.6
Property Insurance															
Property insurance paid	1 455.0	1 254.1	200.9	48.7	12.1	32.5	46.1	191.3	44.0	335.5	127.2	127.2	370.4	237.5	172.7
Median per month	36	39	18	36	...	25	28	32	32	38	34	35	36	39	38
Monthly Costs Paid for Selected Utilities and Fuels															
Water paid separately	1 165.5	1 084.2	81.3	32.9	1.2	29.1	34.0	189.0	40.6	281.0	93.3	120.9	336.0	186.0	150.9
Median	35	35	23	40	...	...	34	27	28	31	28	27	31	38	29
Trash paid separately	433.2	410.6	22.6	21.1	—	9.8	9.2	26.1	4.5	84.9	32.8	36.7	2.2	127.8	88.8
Median	18	18	...	...	...	...	...	...	...	16	17	14	...	18	15
Bottled gas paid separately	94.3	82.2	12.1	12.6	12.1	6.3	5.5	8.7	5.8	13.4	7.0	14.8	6.7	11.6	3.3
Median	57	60	...	...	...	...	...	...	...	...	...	...	...	...	...
Other fuel paid separately	108.4	97.8	10.6	2.9	1.5	4.0	7.0	16.2	4.6	6.9	5.8	8.1	14.3	25.9	11.2
Median	10	10	...	...	...	...	...	...	...	...	...	...	...	...	...
OWNER OCCUPIED UNITS															
Total	1 334.1	1 334.1	...	45.8	13.4	30.2	38.4	188.1	41.5	331.8	95.7	130.7	360.3	209.9	159.9
Cost and Ownership Sharing															
Ownership shared by person not living here	50.3	50.3	...	4.8	—	3.4	1.1	9.2	—	6.4	6.7	5.7	14.8	9.0	6.6
Costs shared by person not living here	5.9	5.9	...	—	—	—	—	—	—	—	1.2	—	2.3	—	1.4
Costs not shared	41.7	41.7	...	4.8	—	3.4	1.1	9.2	—	6.4	4.2	5.7	12.5	7.7	5.2
Cost sharing not reported	2.7	2.7	...	—	—	—	—	—	—	—	1.4	—	—	1.3	—
Ownership not shared	1 243.1	1 243.1	...	39.9	12.3	24.5	31.9	169.7	39.7	316.7	82.6	119.3	325.3	195.0	149.1
Costs shared by person not living here	2.4	2.4	...	—	—	—	—	—	—	—	—	1.2	2.4	—	—
Costs not shared	1 240.7	1 240.7	...	39.9	12.3	24.5	31.9	169.7	39.7	316.7	82.6	118.1	322.8	195.0	149.1
Cost sharing not reported	—	—	...	—	—	—	—	—	—	—	—	—	—	—	—
Ownership sharing not reported	40.7	40.7	...	1.1	1.1	2.4	5.3	9.2	1.8	8.8	6.4	5.8	20.3	5.9	4.2
Monthly Payment for Principal and Interest															
One or more regular mortgages	727.7	727.7	...	39.3	1.5	15.4	17.1	88.2	22.7	47.7	77.1	38.1	153.1	115.2	81.8
Less than \$100	29.6	29.6	...	3.5	1.5	2.3	1.1	9.9	1.0	6.6	3.4	5.8	10.1	4.6	—
\$100 to \$199	24.3	24.3	...	—	—	2.2	2.2	5.4	3.3	5.4	3.5	5.5	17.7	—	3.2
\$200 to \$249	26.4	26.4	...	1.8	—	—	—	4.4	3.3	4.4	—	4.3	10.1	1.2	5.4
\$250 to \$299	31.4	31.4	...	—	—	—	1.1	5.8	1.1	2.1	2.1	1.2	17.2	1.1	1.1
\$300 to \$349	30.8	30.8	...	—	—	2.2	1.1	4.4	3.4	6.8	3.5	4.9	19.5	1.1	—
\$350 to \$399	18.8	18.8	...	—	—	—	2.1	5.5	—	1.2	2.3	1.1	5.6	—	3.2
\$400 to \$449	39.7	39.7	...	1.7	—	1.8	—	7.9	—	1.1	2.3	4.5	14.2	3.4	2.1
\$450 to \$499	40.2	40.2	...	1.8	—	—	2.3	9.7	3.4	2.1	1.1	2.7	9.4	5.8	5.4
\$500 to \$599	84.2	84.2	...	5.0	—	2.5	1.4	10.7	—	8.8	9.3	3.5	16.0	10.6	6.6
\$600 to \$699	67.0	67.0	...	2.7	—	—	—	7.0	3.4	2.1	4.2	1.1	10.1	8.0	11.8
\$700 to \$799	67.7	67.7	...	6.5	—	—	2.7	3.5	1.6	1.0	10.9	—	2.4	21.6	6.4
\$800 to \$999	112.0	112.0	...	1.1	—	2.2	1.1	7.2	—	1.2	14.9	2.3	12.8	30.3	11.6
\$1,000 to \$1,249	76.9	76.9	...	11.3	—	1.1	—	5.6	1.1	3.7	7.9	—	4.5	5.7	12.7
\$1,250 to \$1,499	44.4	44.4	...	2.4	—	—	1.1	—	1.1	1.0	8.2	1.3	1.2	12.9	6.7
\$1,500 or more	34.4	34.4	...	1.6	—	1.1	1.1	1.3	—	—	3.5	—	2.2	8.8	5.7
Median	658	658	...	749	...	...	...	455	...	339	763	323	366	801	734
Average Monthly Cost Paid for Real Estate Taxes															
Less than \$25	86.7	86.7	...	—	9.6	7.7	11.6	40.4	11.4	26.6	3.5	26.9	57.4	3.8	1.0
\$25 to \$49	66.6	66.6	...	—	—	3.3	2.2	34.9	5.4	25.1	2.2	14.6	57.8	2.6	1.3
\$50 to \$74	73.5	73.5	...	—	2.5	—	—	27.6	3.2	17.9	4.5	12.4	55.0	4.5	3.3
\$75 to \$99	86.8	86.8	...	—	—	2.9	3.2	20.0	3.2	23.7	7.3	17.7	51.0	3.8	5.6
\$100 to \$149	188.5	188.5	...	3.0	—	1.1	5.6	14.9	3.3	62.2	10.6	22.4	76.4	23.1	25.2
\$150 to \$199	225.2	225.2	...	4.6	1.2	5.8	1.1	21.3	1.1	58.3	17.2	15.9	34.0	41.4	41.5
\$200 or more	606.8	606.8	...	38.2	—	9.5	13.7	29.0	13.7	118.1	50.5	20.9	28.7	130.6	82.0
Median	187	187	...	200+	...	152	111	67	80	159	200+	91	80	200+	200+
Annual Taxes Paid per \$1,000 Value															
Less than \$5	59.4	59.4	...	—	8.5	5.5	2.3	20.7	2.3	14.5	2.4	15.6	27.4	6.0	3.5
\$5 to \$9	92.8	92.8	...	4.4	—	1.1	4.5	28.5	3.6	28.0	2.3	18.6	44.6	7.8	5.6
\$10 to \$14	311.2	311.2	...	5.3	—	8.5	9.0	50.8	10.8	88.3	19.0	38.9	105.8	53.9	29.0
\$15 to \$19	324.8	324.8	...	10.0	1.0	3.4	13.7	29.8	5.5	71.6	29.7	18.8	116.5	74.2	42.5
\$20 to \$24	245.3	245.3	...	8.8	—	3.4	2.1	19.1	3.3	59.1	12.8	14.9	29.6	37.4	24.1
\$25 or more	300.5	300.5	...	17.4	3.7	8.3	6.8	39.3	16.1	70.3	29.5	23.9	36.5	30.6	55.3
Median	18	18	...	22	...	15	16	14	19	17	19	14	15	18	20
Routine Maintenance in Last Year															
Less than \$25 per month	526.1	526.1	...	27.8	5.4	9.5	17.0	66.5	23.3	171.7	42.9	60.7	142.5	87.3	55.0
\$25 to \$49	355.8	355.8	...	10.0	5.4	7.4	3.3	40.7	2.1	61.5	14.0	21.1	79.7	44.9	49.0
\$50 to \$74	48.8	48.8	...	—	—	1.0	2.3	10.1	1.1	15.4	—	5.3	16.3	4.3	5.3
\$75 to \$99	110.4	110.4	...	1.6	—	3.4	2.3	13.6	2.2	20.0	6.0	8.9	23.7	23.0	17.2
\$100 to \$149	33.6	33.6	...	—	—	2.2	2.3	6.5	2.3	8.8	2.2	2.3	13.4	6.9	3.3
\$150 to \$199	51.4	51.4	...	1.8	—	2.6	8.0	—	—	8.2	1.0	2.2	17.0	13.3	5.3
\$200 or more per month	46.6	46.6	...	1.1	—	3.5	1.1	10.2	2.1	7.4	2.2	6.0	16.1	10.2	5.4
Not reported	161.3	161.3	...	3.5	2.5	2.2	7.5	32.5	8.4	38.8	27.4	24.2	51.8	19.9	19.4
Median	29	29	...	25-	...	40	25-	32	25-	25-	25-	25-	29	29	33

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 years	Mobile homes	Physical problems		Black	Hispanic	Elderly (65 years and over)	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 by owners	60.4	60.4	...	2.2	—	2.3	1.1	3.3	2.1	21.9	10.7	3.3	16.8	5.5	6.3
Less than \$25 per month	1.1	1.1	...	—	—	—	—	—	—	—	—	—	—	—	—
\$25 to \$49	—	—	...	—	—	—	—	—	—	—	—	—	—	—	—
\$50 to \$74	—	—	...	—	—	—	—	—	—	—	—	—	—	—	—
\$75 to \$99	10.3	10.3	...	—	—	1.2	—	—	—	4.3	3.7	—	—	—	—
\$100 to \$149	18.2	18.2	...	—	—	1.1	—	2.2	—	4.7	2.4	1.1	1.3	1.1	2.1
\$150 to \$199	4.3	4.3	...	1.1	—	—	—	—	1.1	3.3	—	—	1.1	—	1.1
\$200 or more per month	13.0	13.0	...	—	—	—	—	—	—	6.1	—	—	7.6	2.2	2.1
Not reported	13.6	13.6	...	1.1	—	—	1.1	1.1	1.0	3.5	4.6	2.3	6.8	2.2	1.1
Median	133	133	...	...	...	...	...	...	...	...	...	...	...	...	...
Other Housing Costs per Month															
Homeowner association fee paid	63.8	63.8	...	12.4	—	—	—	1.1	—	8.5	7.1	1.2	1.1	12.7	5.3
Median	44	44	...	...	...	...	...	...	...	...	...	...	...	...	...
Mobile home park fee paid	1.1	1.1	...	—	1.1	—	—	—	—	1.1	1.1	1.1	—	1.1	—
Median .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Land rent fee paid	2.1	2.1	...	—	—	—	—	—	—	—	—	—	1.1	—	—
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	No rooms	1 room	2 rooms	3 rooms	4 rooms or more	
Total	1 874.6	17.8	385.9	795.7	675.2	12.3	220.3	413.2	759.8	469.0	
Persons											
1 person	493.5	15.6	209.2	194.0	74.7	12.3	154.2	145.2	137.9	43.9	
2 persons	556.8	2.3	119.3	245.2	190.1	—	48.7	169.8	231.8	106.5	
3 persons	314.7	—	29.7	145.4	139.7	—	12.7	52.2	145.3	104.5	
4 persons	275.4	—	18.4	116.0	141.1	—	4.7	30.3	139.7	100.7	
5 persons	156.6	—	8.2	68.6	79.7	—	—	13.4	77.2	66.0	
6 persons	58.0	—	1.1	20.8	36.1	—	—	2.2	22.1	33.7	
7 persons or more	19.5	—	—	5.8	13.8	—	—	—	5.7	13.8	
Rooms											
1 room	2.4	—	—	—	—	2.4	—	—	—	—	
2 rooms	15.4	—	—	—	—	8.5	6.9	—	—	—	
3 rooms	143.8	—	—	—	—	1.3	141.3	1.2	—	—	
4 rooms	242.1	—	—	—	—	—	57.3	183.0	1.7	—	
5 rooms	316.2	—	—	—	—	—	12.1	182.8	121.3	—	
6 rooms	479.5	—	—	—	—	—	2.7	36.6	417.2	23.2	
7 rooms	264.9	—	—	—	—	—	—	9.0	154.9	101.0	
8 rooms	222.8	—	—	—	—	—	—	.7	52.1	170.0	
9 rooms	125.6	—	—	—	—	—	—	—	7.5	118.1	
10 rooms or more	61.9	—	—	—	—	—	—	—	5.1	56.8	
Bedrooms											
None	12.3	10.9	1.3	—	—	—	—	—	—	—	
1	220.3	6.9	198.6	14.8	—	—	—	—	—	—	
2	413.2	—	184.2	219.3	9.7	—	—	—	—	—	
3	759.8	—	1.7	538.5	219.6	—	—	—	—	—	
4 or more	469.0	—	—	23.2	445.8	—	—	—	—	—	
Complete Bathrooms											
None	4.4	1.1	—	3.3	—	1.1	—	1.0	2.3	—	
1	829.3	16.7	341.9	389.9	80.7	9.8	216.1	252.7	294.8	55.8	
1 and one-half	407.1	—	17.2	227.6	162.3	1.3	1.0	69.7	257.0	78.0	
2 or more	633.8	—	26.8	174.9	432.1	—	3.2	89.8	205.6	335.2	
Lot Size¹											
Less than one-eighth acre	444.7	2.3	60.1	254.6	127.8	1.2	37.9	89.1	238.7	77.8	
One-eighth up to one-quarter acre	388.3	1.2	50.5	217.0	119.5	1.2	11.5	87.7	214.2	73.6	
One-quarter up to one-half acre	228.6	—	6.2	81.0	141.4	—	1.2	17.4	107.5	102.4	
One-half up to one acre	190.6	—	13.0	59.0	118.5	1.3	5.9	23.9	73.9	85.5	
1 up to 5 acres	194.5	—	10.2	52.8	131.5	—	2.6	12.6	75.0	104.3	
5 up to 10 acres	15.4	—	1.1	8.4	5.9	—	—	2.5	8.1	4.8	
10 acres or more	29.1	1.1	1.1	10.9	16.0	1.1	—	5.6	10.9	11.6	
Median .....	.22	...	.16	.18	.40	...	.13-	.17	.20	.44
Income of Families and Primary Individuals											
Less than \$5,000	116.5	3.7	25.2	68.3	19.2	3.8	22.4	34.3	36.7	19.2	
\$5,000 to \$9,999	114.0	2.3	41.1	49.8	20.9	1.2	26.0	28.4	45.5	12.8	
\$10,000 to \$14,999	122.3	6.0	47.2	50.6	18.4	3.7	32.6	32.7	44.5	8.8	
\$15,000 to \$19,999	128.1	2.5	41.2	59.5	24.9	1.3	27.3	31.3	47.3	21.0	
\$20,000 to \$24,999	107.7	—	30.6	64.6	12.4	—	18.4	23.3	58.2	7.7	
\$25,000 to \$29,999	112.8	1.2	26.7	57.2	27.7	1.2	14.1	34.5	46.0	17.0	
\$30,000 to \$34,999	119.1	1.1	41.2	52.0	24.8	—	23.2	42.9	36.8	16.2	
\$35,000 to \$39,999	110.1	—	23.7	43.8	42.6	—	12.1	27.1	44.2	26.7	
\$40,000 to \$49,999	184.0	—	31.7	88.5	63.8	—	12.9	41.6	87.0	42.5	
\$50,000 to \$59,999	144.1	—	18.8	68.7	56.6	—	10.9	31.0	61.3	40.8	
\$60,000 to \$79,999	232.7	—	37.2	101.7	93.8	—	12.1	54.0	101.6	65.1	
\$80,000 to \$99,999	130.3	1.1	7.8	42.5	78.9	1.1	3.4	15.2	56.0	54.7	
\$100,000 to \$119,999	100.4	—	6.3	17.8	76.4	—	1.1	8.5	47.4	43.5	
\$120,000 or more	152.6	—	7.2	30.7	114.8	—	3.6	8.5	47.5	93.0	
Median	40 375	...	26 432	34 592	65 601	...	20 472	32 581	42 385	66 707	
Monthly Housing Costs											
Less than \$100	13.2	—	5.6	7.6	—	—	2.0	7.1	4.1	—	
\$100 to \$199	79.6	—	16.1	53.2	10.3	—	17.4	19.4	35.8	7.0	
\$200 to \$249	49.5	—	4.3	32.7	12.5	—	1.0	10.1	28.1	10.3	
\$250 to \$299	67.1	2.3	9.5	44.1	11.2	2.6	7.0	12.3	36.4	8.9	
\$300 to \$349	95.8	—	12.7	57.2	25.9	—	8.3	17.6	54.5	15.4	
\$350 to \$399	107.6	2.5	20.7	53.5	30.9	2.5	11.7	25.1	51.4	16.8	
\$400 to \$449	91.7	1.2	18.7	34.9	36.9	1.2	15.5	13.9	41.7	19.5	
\$450 to \$499	124.2	1.2	35.4	43.0	44.6	—	29.3	12.3	54.3	28.4	
\$500 to \$599	219.4	2.3	72.1	83.8	61.1	—	47.8	52.7	83.8	35.1	
\$600 to \$699	153.5	1.2	68.0	49.4	35.0	—	46.3	37.4	47.9	21.9	
\$700 to \$799	148.0	1.3	54.6	61.2	31.0	1.3	19.4	60.9	45.7	20.8	
\$800 to \$999	200.2	1.2	36.8	104.0	58.2	1.2	5.8	72.0	81.4	39.9	
\$1,000 to \$1,249	186.8	—	15.8	87.5	83.5	—	2.4	41.0	84.0	59.3	
\$1,250 to \$1,499	121.1	—	6.4	39.6	75.1	—	1.1	18.9	58.4	42.7	
\$1,500 or more	190.4	4.6	5.8	34.5	145.5	3.5	3.2	9.4	43.6	130.7	
No cash rent	26.3	—	3.2	9.6	13.5	—	2.1	3.3	8.7	12.2	
Median (excludes no cash rent)	649	...	595	580	908	...	536	692	583	1 018	
Median Monthly Housing Costs for Owners											
Monthly costs including all mortgages plus maintenance costs	717	—	540	576	972	—	491	652	596	1 077	
Monthly costs excluding second and subsequent mortgages and maintenance costs	658	—	529	526	897	—	491	585	553	1 007	

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	No rooms	1 room	2 rooms	3 rooms	4 rooms or more
OWNER OCCUPIED UNITS										
Total	1 334.1	2.3	83.5	614.8	633.5	3.7	22.4	219.5	650.3	438.2
Value										
Less than \$10,000	25.9	—	6.7	10.7	8.5	—	2.1	9.2	9.8	4.8
\$10,000 to \$19,999	30.5	—	3.8	23.1	3.5	—	1.2	13.4	12.4	3.5
\$20,000 to \$29,999	35.3	—	7.7	17.1	10.5	—	4.1	8.1	13.7	9.4
\$30,000 to \$39,999	52.0	1.2	2.4	37.1	11.4	1.2	—	4.7	35.9	10.3
\$40,000 to \$49,999	39.0	—	4.7	28.8	5.6	—	3.6	5.6	29.8	—
\$50,000 to \$59,999	38.4	—	4.3	26.4	7.7	—	—	16.5	18.7	3.3
\$60,000 to \$69,999	63.8	—	4.3	35.6	23.9	—	1.0	11.1	33.6	18.0
\$70,000 to \$79,999	60.1	—	2.6	45.8	11.7	—	—	14.7	38.6	6.8
\$80,000 to \$99,999	190.8	—	15.5	124.1	51.2	1.3	2.4	40.1	115.9	31.1
\$100,000 to \$119,999	159.3	—	10.8	88.5	60.0	—	3.6	33.4	87.7	34.6
\$120,000 to \$149,999	203.9	1.1	9.1	85.6	108.0	1.1	4.5	28.4	106.1	63.7
\$150,000 to \$199,999	229.4	—	9.1	73.5	146.8	—	—	24.4	118.2	86.8
\$200,000 to \$249,999	75.8	—	—	8.1	67.7	—	—	3.6	15.1	57.1
\$250,000 to \$299,999	62.8	—	2.7	4.5	55.7	—	—	2.7	9.1	51.0
\$300,000 or more	67.0	—	—	5.9	61.1	—	—	3.7	5.7	57.7
Median	116 478	...	86 940	93 340	154 986	...	...	93 237	103 836	169 303

¹Does not include multiunits, cooperatives, or condominiums.

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	876.7	12.1	46.7	88.5	145.0	139.9	259.1	185.3	2 191
Persons									
1 person	152.1	1.1	15.1	16.6	27.6	17.7	25.2	48.9	1 842
2 persons	262.9	2.3	10.5	28.6	46.3	55.4	62.9	56.9	2 138
3 persons	166.7	4.5	4.7	17.1	23.3	19.8	64.5	32.8	2 439
4 persons	166.4	2.8	12.1	19.5	24.6	22.7	58.0	26.6	2 238
5 persons	84.8	—	2.2	5.7	13.2	13.8	35.0	14.9	2500+
6 persons	36.1	1.5	2.1	1.1	8.8	10.5	8.0	4.1	2 121
7 persons or more	7.7	—	—	—	1.1	—	5.5	1.0	...
Rooms									
1 room	—	—	—	—	—	—	—	—	...
2 rooms	1.1	1.1	—	—	—	—	—	—	...
3 rooms	3.6	—	—	1.1	—	—	—	2.5	...
4 rooms	47.8	—	12.3	11.9	8.3	5.2	1.2	9.0	1 301
5 rooms	122.3	4.8	15.0	21.2	28.0	5.2	18.3	29.7	1 594
6 rooms	184.7	4.1	11.4	26.7	37.5	30.6	21.6	52.8	1 817
7 rooms	171.3	—	4.7	18.1	35.4	33.0	36.0	44.0	2 081
8 rooms	176.0	1.1	2.2	3.4	24.0	42.2	79.6	23.5	2500+
9 rooms	117.8	—	1.0	3.8	9.5	18.0	70.9	14.5	2500+
10 rooms or more	52.1	1.1	—	2.3	2.2	5.6	31.5	9.4	2500+
Bedrooms									
None	2.4	1.1	—	—	—	—	—	1.3	...
1	10.6	—	2.5	3.4	—	1.0	—	3.6	...
2	113.6	1.1	14.5	27.4	29.0	4.8	11.2	25.5	1 517
3	374.4	7.7	24.2	43.8	76.8	64.6	62.9	94.4	1 918
4 or more	375.8	2.2	5.5	13.9	39.2	69.4	185.0	60.5	2500+
Complete Bathrooms									
None	1.1	1.1	—	—	—	—	—	—	...
1	212.0	5.1	27.8	45.1	38.4	25.2	19.7	50.7	1 534
1 and one-half	205.1	3.4	15.6	17.5	42.6	33.5	35.5	57.0	1 941
2 or more	458.5	2.6	3.3	25.9	63.9	81.2	203.9	77.7	2500+
Lot Size¹									
Less than one-eighth acre	108.5	2.3	21.2	12.5	17.7	13.7	16.9	24.2	1 672
One-eighth up to one-quarter acre	196.6	2.6	16.0	28.7	32.5	34.3	26.8	55.7	1 856
One-quarter up to one-half acre	190.1	2.1	3.9	14.2	34.2	33.8	64.1	37.8	2 322
One-half up to one acre	171.5	1.1	2.3	17.3	35.9	26.5	57.7	30.7	2 261
1 up to 5 acres	177.1	2.8	3.3	11.3	23.6	26.0	75.7	31.4	2500+
5 up to 10 acres	7.3	—	—	1.1	—	3.6	2.6	—	...
10 acres or more	20.0	1.1	—	1.2	1.1	1.0	11.2	4.5	...
Median .....	.42	...	.15	.28	.41	.41	.68	.33	...
Income of Families and Primary Individuals									
Less than \$5,000	31.0	2.3	2.4	4.9	3.8	1.1	4.5	11.9	1 485
\$5,000 to \$9,999	33.5	—	8.4	6.9	—	—	5.6	12.5	1 148
\$10,000 to \$14,999	26.1	—	3.9	2.2	4.2	1.2	2.3	12.3	...
\$15,000 to \$19,999	38.6	—	2.1	5.1	4.6	8.7	4.6	13.6	2 041
\$20,000 to \$24,999	37.6	1.1	11.3	5.6	7.2	3.7	3.3	5.5	1 329
\$25,000 to \$29,999	49.2	—	1.3	7.1	13.7	6.9	8.1	12.0	1 871
\$30,000 to \$34,999	31.5	1.0	1.1	3.5	3.3	5.4	6.2	10.9	2 126
\$35,000 to \$39,999	46.5	2.8	1.1	2.3	9.1	3.6	16.0	11.6	2 295
\$40,000 to \$49,999	90.6	—	4.6	11.7	20.8	10.5	20.5	22.5	1 925
\$50,000 to \$59,999	72.0	—	1.1	5.6	13.0	13.8	23.6	14.8	2 321
\$60,000 to \$79,999	117.5	1.2	2.4	9.6	23.6	27.8	33.9	19.0	2 225
\$80,000 to \$99,999	92.6	3.6	3.2	11.9	17.1	17.1	27.0	12.7	2 120
\$100,000 to \$119,999	79.4	—	1.5	4.3	16.7	12.3	32.5	12.2	2 455
\$120,000 or more	130.7	—	2.1	8.0	7.7	27.9	71.0	13.9	2500+
Median	57 466	...	22 840	45 832	54 363	70 855	80 693	41 049	...
Monthly Housing Costs									
Less than \$100	1.1	—	—	—	—	—	—	1.1	...
\$100 to \$199	10.6	—	1.4	1.3	1.2	—	2.3	4.3	...
\$200 to \$249	13.8	1.1	—	2.2	3.6	1.0	—	5.8	...
\$250 to \$299	23.3	—	1.1	2.2	3.6	5.4	3.3	7.7	...
\$300 to \$349	30.3	—	4.1	4.3	4.8	2.4	6.6	8.0	1 778
\$350 to \$399	53.6	2.2	6.5	13.3	4.9	6.9	6.5	13.4	1 429
\$400 to \$449	46.4	—	2.4	5.6	10.5	11.1	4.5	12.2	1 930
\$450 to \$499	71.0	4.3	3.7	7.0	13.0	8.9	20.1	14.1	2 032
\$500 to \$599	98.3	2.3	5.7	12.8	18.7	13.9	20.2	24.5	1 928
\$600 to \$699	34.9	—	—	4.5	7.1	11.1	6.6	5.5	2 137
\$700 to \$799	39.1	—	1.1	2.3	4.9	6.0	15.2	9.6	2500+
\$800 to \$999	94.2	—	12.4	13.2	17.5	11.8	14.7	24.7	1 762
\$1,000 to \$1,249	105.7	1.1	3.7	9.1	19.0	20.9	30.7	21.3	2 224
\$1,250 to \$1,499	80.9	—	2.6	8.7	14.8	14.0	28.3	12.6	2 292
\$1,500 or more	162.2	1.1	2.0	2.1	18.9	26.5	93.7	18.0	2500+
No cash rent	11.4	—	—	—	—	—	6.4	2.6	...
Median (excludes no cash rent)	822	...	573	565	777	854	1 215	604	...
Median Monthly Housing Costs for Owners									
Monthly costs including all mortgages plus maintenance costs	886	...	590	565	844	918	1 262	599	...
Monthly costs excluding second and subsequent mortgages and maintenance costs	835	...	564	546	826	860	1 207	584	...

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	819.5	10.9	44.4	82.6	131.8	137.7	248.0	164.2	2 211
Value									
Less than \$10,000	7.2	—	1.0	1.1	—	2.7	2.4	—	...
\$10,000 to \$19,999	10.4	1.5	2.9	1.1	1.3	—	1.1	2.6	...
\$20,000 to \$29,999	7.8	—	2.8	—	—	—	3.9	1.1	...
\$30,000 to \$39,999	4.8	—	1.4	1.1	—	—	2.3	—	...
\$40,000 to \$49,999	5.9	—	2.5	—	2.3	—	—	1.1	...
\$50,000 to \$59,999	4.7	—	—	—	1.1	—	1.2	2.4	...
\$60,000 to \$69,999	15.8	—	2.4	—	2.2	2.2	3.2	5.8	...
\$70,000 to \$79,999	16.7	—	—	3.3	2.2	1.5	1.3	8.3	...
\$80,000 to \$99,999	96.0	3.9	13.4	11.2	13.2	9.4	10.0	34.9	1 578
\$100,000 to \$119,999	105.4	2.2	4.4	16.9	25.2	11.6	20.2	24.7	1 832
\$120,000 to \$149,999	153.5	2.2	5.6	24.5	27.3	27.3	26.7	39.8	1 948
\$150,000 to \$199,999	203.3	—	3.6	20.9	49.9	57.7	46.8	24.4	2 131
\$200,000 to \$249,999	66.7	1.1	1.0	2.4	2.4	11.8	38.5	9.5	2500+
\$250,000 to \$299,999	61.7	—	2.3	—	4.6	9.2	40.8	4.9	2500+
\$300,000 or more	59.6	—	1.1	—	—	4.3	49.5	4.7	2500+
Median	146 395	...	93 746	127 965	140 045	162 339	206 254	120 839	...

¹Does not include multiunits, cooperatives, or condominiums.

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	Not specified		Total	Specified	Not specified		Specified	Other	Specified	Other
			Condo or Coop	Other			Condo or Coop	Other				
Total	832.1	747.7	39.6	44.8	502.0	448.3	20.8	32.9	534.7	5.8	474.1	5.8
Income of Families and Primary Individuals												
Less than \$5,000	21.5	20.2	—	1.2	38.8	34.1	—	4.7	56.2	—	46.8	—
\$5,000 to \$9,999	11.6	10.3	1.2	—	47.8	44.2	2.1	1.5	53.5	1.1	44.3	1.1
\$10,000 to \$14,999	23.2	19.9	—	3.4	41.7	35.4	1.2	5.1	57.4	—	41.8	—
\$15,000 to \$19,999	20.7	17.4	3.3	—	51.9	49.8	—	2.1	55.6	—	48.9	—
\$20,000 to \$24,999	29.0	26.9	—	2.1	35.3	31.3	1.4	2.6	43.3	—	39.9	—
\$25,000 to \$29,999	33.2	29.9	—	3.3	33.3	29.0	3.2	1.1	44.9	1.3	43.8	1.3
\$30,000 to \$34,999	33.8	29.3	4.6	—	26.4	24.3	1.1	1.0	57.6	1.2	51.6	1.2
\$35,000 to \$39,999	45.0	35.2	3.3	6.5	31.7	27.7	4.0	—	32.3	1.1	29.8	1.1
\$40,000 to \$49,999	91.8	83.0	6.6	2.2	52.3	48.8	1.0	2.4	39.9	—	37.7	—
\$50,000 to \$59,999	85.7	74.2	9.0	2.5	31.9	29.7	1.1	1.1	26.4	—	24.3	—
\$60,000 to \$79,999	138.2	127.9	7.0	3.3	45.2	36.0	4.6	4.5	48.3	1.1	47.0	1.1
\$80,000 to \$99,999	97.4	85.6	3.4	8.4	20.5	18.0	1.1	1.5	12.5	—	11.3	—
\$100,000 to \$119,999	81.1	73.7	—	7.4	14.8	14.8	—	—	4.6	—	4.6	—
\$120,000 or more	119.9	114.1	1.2	4.6	30.5	25.4	—	5.2	2.2	—	2.2	—
Median	62 969	64 294	50 916	67 304	30 422	30 091	...	27 085	25 149	...	26 753	...
Monthly Housing Costs												
Less than \$100	—	—	—	—	9.1	9.1	—	—	4.1	—	1.0	—
\$100 to \$199	5.8	5.8	—	—	51.4	44.0	3.7	3.7	22.4	—	12.2	—
\$200 to \$249	12.6	12.6	—	—	35.6	33.5	2.1	—	1.2	—	—	—
\$250 to \$299	9.5	6.9	1.2	1.5	49.4	45.9	2.2	1.2	8.2	—	6.0	—
\$300 to \$349	16.9	15.9	—	1.1	66.5	60.9	1.2	4.5	12.4	—	11.1	—
\$350 to \$399	19.2	16.7	1.1	1.4	68.1	60.5	2.2	5.4	20.3	—	15.9	—
\$400 to \$449	22.4	22.4	—	—	47.6	40.9	1.1	5.6	21.7	—	20.7	—
\$450 to \$499	30.8	29.6	1.1	—	58.7	52.4	2.2	4.1	34.8	—	33.5	—
\$500 to \$599	59.1	55.9	2.1	1.1	65.7	59.7	2.6	3.4	94.6	—	86.8	—
\$600 to \$699	47.8	39.5	4.6	3.7	16.3	15.3	1.0	—	89.4	—	84.8	—
\$700 to \$799	51.3	45.7	2.5	3.1	11.7	8.0	1.1	2.6	82.8	2.2	73.7	2.2
\$800 to \$999	127.8	109.7	13.7	4.4	9.9	8.8	—	1.1	60.3	2.3	56.7	2.3
\$1,000 to \$1,249	150.3	135.8	5.8	8.6	2.2	2.2	—	—	34.3	—	32.1	—
\$1,250 to \$1,499	109.1	97.3	3.2	8.6	2.5	1.1	1.4	—	9.5	—	8.2	—
\$1,500 or more	169.3	153.8	4.3	11.2	7.2	5.9	—	1.3	13.9	—	11.4	—
No cash rent .....	...	...	...	...	...	...	...	...	25.0	1.3	20.1	1.3
Median (excludes no cash rent)	1 021	1 024	905	1 174	379	375	...	415	639	...	647	...
Median Monthly Housing Costs for Owners												
Monthly costs including all mortgages plus maintenance costs	1 071	1 069	972	1 238	410	407	...	462	...	...	...	...
Monthly costs excluding second and subsequent mortgages and maintenance costs	1 017	1 019	915	1 124	379	375	...	415	...	...	...	...
Monthly Housing Costs as Percent of Current Income²												
Less than 5 percent	19.5	18.1	—	1.5	32.9	29.2	1.3	2.5	1.1	—	1.1	—
5 to 9 percent	99.8	94.9	2.3	2.6	129.6	114.0	5.8	9.7	17.3	—	17.3	—
10 to 14 percent	133.2	120.5	6.9	5.7	94.7	89.0	3.2	2.5	51.8	—	45.2	—
15 to 19 percent	163.6	147.3	4.7	11.6	56.3	48.7	3.1	4.5	72.3	1.1	62.9	1.1
20 to 24 percent	103.1	91.2	6.9	5.0	32.4	28.4	2.6	1.4	70.0	—	65.5	—
25 to 29 percent	78.1	71.6	4.2	2.3	38.3	34.9	1.2	2.3	51.8	1.1	45.1	1.1
30 to 34 percent	58.9	53.3	4.4	1.2	15.1	15.1	—	—	42.7	1.2	35.0	1.2
35 to 39 percent	42.7	34.5	2.2	6.1	13.3	10.9	1.0	1.4	30.9	—	29.9	—
40 to 49 percent	44.1	39.8	1.2	3.2	13.6	8.7	1.1	3.9	39.6	—	39.6	—
50 to 59 percent	23.4	20.1	2.2	1.1	15.4	15.4	—	—	25.9	—	24.7	—
60 to 69 percent	8.2	5.7	1.2	1.2	9.9	9.9	—	—	15.4	—	13.3	—
70 to 99 percent	22.3	16.9	3.3	2.1	11.5	8.6	1.4	1.5	23.7	—	16.9	—
100 percent or more ³	22.0	22.0	—	—	27.6	24.3	—	3.3	45.1	1.1	35.3	1.1
Zero or negative income	13.1	11.9	—	1.2	11.3	11.3	—	—	22.3	—	22.3	—
No cash rent .....	...	...	...	...	...	...	...	...	25.0	1.3	20.1	1.3
Median (excludes 2 previous lines)	20	20	24	20	14	14	...	17	28	...	28	...
Median (excludes 3 lines before medians)	19	19	24	20	14	14	...	15	26	...	26	...
OWNER OCCUPIED UNITS												
Total	832.1	747.7	39.6	44.8	502.0	448.3	20.8	32.9	...	...	...	...
Value												
Less than \$10,000	8.3	5.2	1.0	2.1	17.6	10.7	—	6.8	...	...	...	...
\$10,000 to \$19,999	14.0	12.5	—	1.5	16.5	10.9	—	5.6	...	...	...	...
\$20,000 to \$29,999	11.0	7.1	—	3.8	24.3	17.8	2.6	3.9	...	...	...	...
\$30,000 to \$39,999	19.5	15.6	1.2	2.7	32.5	30.0	—	2.5	...	...	...	...
\$40,000 to \$49,999	20.5	20.5	—	—	18.5	16.4	2.1	—	...	...	...	...
\$50,000 to \$59,999	16.5	14.3	2.2	—	21.9	21.9	—	—	...	...	...	...
\$60,000 to \$69,999	44.7	40.3	3.4	1.1	19.0	16.9	1.0	1.1	...	...	...	...
\$70,000 to \$79,999	39.3	34.5	3.8	1.0	20.8	14.8	1.1	5.0	...	...	...	...
\$80,000 to \$99,999	122.9	112.9	7.8	2.2	67.9	60.2	4.6	3.2	...	...	...	...
\$100,000 to \$119,999	106.1	91.0	7.8	7.3	53.2	51.8	—	1.3	...	...	...	...
\$120,000 to \$149,999	122.6	110.0	5.8	6.8	81.4	74.5	5.8	1.1	...	...	...	...
\$150,000 to \$199,999	155.3	143.9	—	11.4	74.1	73.0	1.1	—	...	...	...	...
\$200,000 to \$249,999	52.0	44.8	4.3	2.8	23.9	20.2	2.5	1.2	...	...	...	...
\$250,000 to \$299,999	48.9	47.8	—	1.1	13.9	13.9	—	—	...	...	...	...
\$300,000 or more	50.6	47.3	2.2	1.1	16.5	15.2	—	1.3	...	...	...	...
Median	123 240	125 447	100 875	123 356	104 473	109 448	...	30 627	...	...	...	...

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	Not specified		Total	Specified	Not specified		Specified	Other	Specified	Other
			Condo or Coop	Other			Condo or Coop	Other				
OWNER OCCUPIED UNITS—Con.												
Ratio of Value to Current Income												
Less than 1.5	256.0	231.3	10.0	14.6	113.2	89.4	4.9	18.8	...	...	...	...
1.5 to 1.9	166.7	145.3	10.9	10.5	53.9	48.7	2.2	2.5	...	...	...	...
2.0 to 2.4	102.3	95.8	1.9	4.5	41.8	39.3	1.0	1.5	...	...	...	...
2.5 to 2.9	91.4	81.5	6.9	3.0	47.4	42.1	4.3	1.0	...	...	...	...
3.0 to 3.9	88.3	82.9	1.1	4.3	41.0	36.2	2.6	2.2	...	...	...	...
4.0 to 4.9	39.4	31.6	4.4	3.5	38.2	37.1	1.1	—	...	...	...	...
5.0 or more	75.0	67.3	4.5	3.2	155.7	144.2	4.7	6.8	...	...	...	...
Zero or negative income	13.1	11.9	—	1.2	11.3	11.3	—	—	...	...	...	...
Median	2.0	2.0	1.9	1.8	2.9	3.0	...	1.5	...	...	...	...
Average Monthly Cost Paid for Real Estate Taxes												
Less than \$25	30.5	25.6	3.4	1.5	56.2	46.9	1.1	8.2	...	...	...	...
\$25 to \$49	25.9	25.8	—	—	40.7	37.3	1.3	2.2	...	...	...	...
\$50 to \$74	48.0	42.9	2.6	2.5	25.5	20.8	1.1	3.6	...	...	...	...
\$75 to \$99	55.2	46.8	4.9	3.5	31.7	25.5	4.7	1.4	...	...	...	...
\$100 to \$149	103.6	88.3	8.6	6.8	84.8	76.0	4.3	4.5	...	...	...	...
\$150 to \$199	142.7	131.2	5.7	5.8	82.5	75.0	2.7	4.8	...	...	...	...
\$200 or more	426.2	387.1	14.5	24.7	180.5	166.7	5.7	8.2	...	...	...	...
Median	200+	200+	153	200+	157	162	...	112	...	...	...	...
OWNERS WITH ONE OR MORE REGULAR MORTGAGES												
Total	727.7	650.2	36.4	41.2	...	...	...	...	...	...	...	...
Monthly Payment for Principal and Interest												
One or more regular mortgages	727.7	650.2	36.4	41.2	...	...	...	...	...	...	...	...
Less than \$100	29.6	25.6	2.5	1.5	...	...	...	...	...	...	...	...
\$100 to \$199	24.3	21.9	1.1	1.2	...	...	...	...	...	...	...	...
\$200 to \$249	28.4	25.2	1.2	—	...	...	...	...	...	...	...	...
\$250 to \$299	31.4	27.7	2.3	1.4	...	...	...	...	...	...	...	...
\$300 to \$349	30.8	27.4	3.4	—	...	...	...	...	...	...	...	...
\$350 to \$399	18.8	16.7	1.0	1.0	...	...	...	...	...	...	...	...
\$400 to \$449	39.7	37.2	1.4	1.0	...	...	...	...	...	...	...	...
\$450 to \$499	40.2	33.3	3.5	3.3	...	...	...	...	...	...	...	...
\$500 to \$599	84.2	74.4	7.7	2.1	...	...	...	...	...	...	...	...
\$600 to \$699	67.0	59.8	2.2	5.0	...	...	...	...	...	...	...	...
\$700 to \$799	67.7	57.9	—	9.8	...	...	...	...	...	...	...	...
\$800 to \$999	112.0	97.5	6.7	7.8	...	...	...	...	...	...	...	...
\$1,000 to \$1,249	76.9	72.5	1.1	3.4	...	...	...	...	...	...	...	...
\$1,250 to \$1,499	44.4	40.9	1.1	2.4	...	...	...	...	...	...	...	...
\$1,500 or more	34.4	32.2	1.1	1.1	...	...	...	...	...	...	...	...
Median	658	660	522	740	...	...	...	...	...	...	...	...
Type of Primary Mortgage												
FHA	118.7	109.3	3.4	6.0	...	...	...	...	...	...	...	...
VA	20.0	16.6	2.3	1.2	...	...	...	...	...	...	...	...
Farmers Home Administration	2.0	2.0	—	—	...	...	...	...	...	...	...	...
Other types	515.8	462.2	26.4	27.2	...	...	...	...	...	...	...	...
Don't know	1.1	1.1	—	—	...	...	...	...	...	...	...	...
Not reported	70.1	59.0	4.3	6.8	...	...	...	...	...	...	...	...
Mortgage Origination												
Placed new mortgage(s)	719.6	644.6	34.9	40.1	...	...	...	...	...	...	...	...
Primary obtained when property acquired	556.1	487.5	33.8	34.8	...	...	...	...	...	...	...	...
Obtained later	163.5	157.1	1.1	5.3	...	...	...	...	...	...	...	...
Assumed	5.8	3.4	1.4	1.0	...	...	...	...	...	...	...	...
Wrap-around	—	—	—	—	...	...	...	...	...	...	...	...
Combination of the above	2.3	2.3	—	—	...	...	...	...	...	...	...	...
Payment Plan of Primary Mortgage												
Fixed payment, self-amortizing	602.5	543.8	29.0	29.7	...	...	...	...	...	...	...	...
Adjustable rate mortgage	21.2	18.0	1.1	2.1	...	...	...	...	...	...	...	...
Adjustable term mortgage	3.3	2.2	—	1.1	...	...	...	...	...	...	...	...
Graduated payment mortgage	8.8	8.8	—	—	...	...	...	...	...	...	...	...
Balloon	4.0	2.1	1.9	—	...	...	...	...	...	...	...	...
Other	—	—	—	—	...	...	...	...	...	...	...	...
Combination of the above	—	—	—	—	...	...	...	...	...	...	...	...
Not reported	87.8	75.3	4.3	8.2	...	...	...	...	...	...	...	...
Payment Plan of Secondary Mortgage												
Units with two or more mortgages	24.9	20.2	—	4.7	...	...	...	...	...	...	...	...
Fixed payment, self-amortizing	19.5	15.9	—	3.6	...	...	...	...	...	...	...	...
Adjustable rate mortgage	1.2	1.2	—	—	...	...	...	...	...	...	...	...
Adjustable term mortgage	—	—	—	—	...	...	...	...	...	...	...	...
Graduated payment mortgage	—	—	—	—	...	...	...	...	...	...	...	...
Balloon	1.0	1.0	—	—	...	...	...	...	...	...	...	...
Other	—	—	—	—	...	...	...	...	...	...	...	...
Combination of the above	2.2	1.0	—	1.1	...	...	...	...	...	...	...	...
Not reported	1.1	1.1	—	—	...	...	...	...	...	...	...	...

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	Not specified		Total	Specified	Not specified		Specified	Other	Specified	Other
			Condo or Coop	Other			Condo or Coop	Other				
OWNERS WITH ONE OR MORE REGULAR MORTGAGES—Con.												
Lenders of Primary and Secondary Mortgages												
Only borrowed from firm(s)	635.6	571.5	30.8	33.3	...	...	...	...	...	...	...	...
Only borrowed from seller	4.6	4.6	—	—	...	...	...	...	...	...	...	...
Only borrowed from other individual(s)	5.3	4.1	1.2	—	...	...	...	...	...	...	...	...
Borrowed from a firm and seller .....	—	—	—	—	...	...	...	...	...	...	...	...
Borrowed from a firm and other individual	1.1	—	—	1.1	...	...	...	...	...	...	...	...
Borrowed from seller and other individual .....	—	—	—	—	...	...	...	...	...	...	...	...
One or both sources not reported	81.1	70.0	4.3	6.8	...	...	...	...	...	...	...	...

¹Excludes units in public housing projects and housing units with government rent subsidies.

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 2-20. Income of Families and Primary Individuals by Selected Characteristics—Occupied Units

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

Characteristics	Total	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	1 874.6	50.3	66.2	114.0	122.3	128.1	220.4	229.1	328.0	232.7	130.3	100.4	152.6	40 420
Units in Structure														
1, detached	863.3	14.1	15.8	32.0	23.3	38.6	84.2	77.9	161.2	116.4	89.7	79.4	130.7	58 074
1, attached	670.4	20.0	34.2	54.0	56.2	60.1	86.6	94.4	117.8	76.6	33.0	18.9	18.4	32 541
2 to 4	141.1	6.3	4.9	6.9	13.7	13.5	28.5	26.3	20.7	15.4	1.3	1.1	2.5	28 840
5 to 9	54.5	4.6	3.5	9.2	6.4	3.7	7.6	5.7	10.2	3.6	—	—	—	19 772
10 to 19	56.1	4.0	1.1	3.5	7.9	7.7	4.4	10.0	8.3	7.0	1.1	1.1	—	28 739
20 to 49	23.1	—	3.6	1.0	3.1	1.0	4.5	3.5	2.2	3.3	—	—	1.0	—
50 or more	52.6	1.2	2.0	5.9	8.8	3.4	2.0	11.3	6.3	9.4	2.3	—	—	32 637
Mobile home or trailer	13.4	—	1.1	1.5	2.8	—	2.6	—	1.4	1.0	2.9	—	—	—
Year Structure Built¹														
2000 to 2004	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1995 to 1999	74.2	3.5	—	—	—	1.7	1.1	1.8	21.2	11.7	13.0	6.5	13.7	73 307
1990 to 1994	113.6	2.0	4.8	7.1	1.0	7.1	10.4	15.8	17.1	14.0	11.9	12.0	10.4	49 987
1985 to 1989	89.6	1.1	2.2	2.4	1.2	4.5	3.2	9.1	22.0	15.7	8.9	5.6	13.6	59 215
1980 to 1984	76.2	—	3.3	3.8	3.6	2.4	8.3	5.4	13.9	15.8	4.9	4.4	10.4	56 174
1975 to 1979	108.1	1.1	2.1	3.1	5.8	6.9	12.3	9.6	26.5	5.4	12.1	10.1	13.2	50 014
1970 to 1974	112.0	1.2	1.0	5.6	8.3	7.6	5.8	14.4	23.4	20.0	8.8	5.9	10.1	50 302
1960 to 1969	267.0	1.0	7.9	15.7	19.9	16.0	23.9	34.5	45.3	38.7	21.5	20.8	21.8	46 441
1950 to 1959	266.9	6.1	12.8	11.4	15.7	16.2	41.0	29.7	42.0	44.9	17.5	12.4	17.2	40 295
1940 to 1949	159.1	7.1	8.9	12.9	10.1	10.3	23.6	25.9	28.6	9.4	7.8	5.3	9.3	32 593
1930 to 1939	135.5	5.9	3.4	13.1	21.9	13.6	14.4	19.2	20.6	10.1	4.4	3.2	5.8	26 871
1920 to 1929	179.8	4.4	6.5	15.2	13.8	17.4	38.2	19.4	26.5	19.1	9.3	3.1	6.9	28 514
1919 or earlier	292.5	16.9	13.2	23.6	21.0	24.5	38.2	44.4	41.0	28.0	10.3	11.0	20.3	31 982
Median	1956	1936	1951	1944	1944	1948	1948	1952	1961	1961	1967	1967	1968	—
Rooms														
1 room	2.4	1.2	—	1.2	—	—	—	—	—	—	—	—	—	—
2 rooms	15.4	1.3	1.2	1.1	6.0	2.5	1.2	1.1	—	—	1.1	—	—	—
3 rooms	143.8	2.3	6.0	20.2	25.2	20.8	24.6	17.3	13.3	10.8	2.3	—	1.0	19 383
4 rooms	242.1	9.8	7.1	20.9	22.0	20.5	32.7	47.6	37.1	26.4	5.5	6.3	6.2	31 709
5 rooms	316.2	11.2	28.5	18.4	19.8	25.0	58.2	37.1	60.2	31.3	15.4	6.7	4.5	29 499
6 rooms	479.5	11.7	17.0	31.4	30.8	34.5	63.6	58.7	97.0	70.4	27.1	11.1	26.2	38 634
7 rooms	264.9	2.3	1.1	12.5	13.7	9.8	28.7	38.0	47.5	37.7	23.0	30.1	20.6	51 135
8 rooms	222.8	8.3	4.3	3.6	2.3	8.1	9.4	22.5	47.3	29.8	28.4	23.0	35.9	63 808
9 rooms	125.6	1.1	1.1	3.6	1.1	4.5	2.1	4.6	16.9	20.6	16.8	20.5	32.9	88 801
10 rooms or more	61.9	1.1	—	1.1	1.4	2.5	—	2.3	8.8	5.8	10.7	2.8	25.3	94 776
Bedrooms														
None	12.3	2.5	1.3	1.2	3.7	1.3	1.2	—	—	—	1.1	—	—	—
1	220.3	4.5	17.9	26.0	32.6	27.3	32.6	35.3	23.8	12.1	3.4	1.1	3.6	20 535
2	413.2	16.5	17.8	28.4	32.7	31.3	57.9	70.0	72.6	54.0	15.2	8.5	8.5	33 165
3	759.8	11.8	24.9	45.5	44.5	47.3	104.2	81.0	148.3	101.6	56.0	47.4	47.5	42 799
4 or more	469.0	15.0	4.3	12.8	8.8	21.0	24.7	42.8	83.3	65.1	54.7	43.5	93.0	66 707
Complete Bathrooms														
None	4.4	—	—	1.1	—	—	1.2	1.0	—	—	1.1	—	—	—
1	829.3	32.3	47.4	75.7	91.8	79.5	127.0	129.7	126.7	70.1	23.7	13.8	11.5	26 914
1 and one-half	407.1	9.1	13.2	18.4	17.5	18.0	59.4	52.7	70.7	63.0	28.0	24.7	32.5	44 333
2 or more	633.8	8.9	5.6	18.8	13.0	30.6	32.8	45.6	130.7	99.7	77.6	61.9	108.6	66 216
Main Heating Equipment														
Warm-air furnace	1 009.8	28.2	31.7	59.5	64.6	64.1	110.8	122.4	172.6	144.3	66.7	56.8	88.0	42 731
Steam or hot water system	623.7	18.4	28.6	39.7	46.4	46.4	86.4	73.0	107.9	66.3	37.1	30.7	42.8	36 299
Electric heat pump	101.1	—	1.3	5.8	—	7.3	5.5	12.9	20.2	10.5	16.8	6.9	13.7	57 540
Built-in electric units	75.6	2.6	3.5	4.5	4.5	5.9	9.2	10.6	17.3	6.8	5.3	2.1	3.3	37 216
Floor, wall, or other built-in hot-air units without ducts	45.6	1.1	1.1	3.3	4.5	4.3	7.3	7.1	6.4	1.1	3.3	2.6	3.6	31 774
Room heaters with flue	8.3	—	—	1.3	—	—	1.3	3.3	1.3	1.2	—	—	—	—
Room heaters without flue	3.5	—	—	—	1.1	—	—	—	—	2.5	—	—	—	—
Portable electric heaters	1.1	—	—	—	—	—	—	—	—	—	—	—	—	—
Stoves	3.6	—	—	—	—	—	—	—	1.2	—	1.1	1.3	—	—
Fireplaces with inserts	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fireplaces without inserts	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other	2.3	—	—	—	1.2	—	—	—	1.1	—	—	—	—	—
Cooking stove	—	—	—	—	—	—	—	—	—	—	—	—	—	—
None	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Primary Source of Water														
Public system or private company	1 678.4	45.6	58.6	111.6	121.0	120.4	202.1	211.1	285.3	195.1	110.7	88.3	128.5	38 516
Well serving 1 to 5 units	191.6	4.6	6.4	2.3	1.3	7.7	18.3	16.9	42.7	37.6	18.6	12.2	22.9	57 896
Drilled	175.0	4.6	5.0	2.3	—	6.3	15.7	16.9	40.3	32.5	17.3	12.2	21.8	58 149
Dug	9.9	—	1.3	—	1.3	—	2.6	—	1.1	2.4	—	—	1.1	—
Not reported	6.7	—	—	—	—	1.4	—	—	1.3	2.7	1.3	—	—	—
Other	4.7	—	1.2	—	—	—	—	1.1	—	—	1.1	—	1.3	—
Means of Sewage Disposal														
Public sewer	1 675.2	48.9	60.1	106.2	119.1	123.1	200.3	212.6	290.5	194.9	107.8	85.0	126.7	38 459
Septic tank, cesspool, chemical toilet	198.3	1.4	6.1	7.7	3.2	5.0	20.1	16.5	37.6	37.8	21.5	15.4	26.0	60 827
Other	1.1	—	—	—	—	—	—	—	—	—	1.1	—	—	—
Main House Heating Fuel														
Housing units with heating fuel	1 874.6	50.3	66.2	114.0	122.3	128.1	220.4	229.1	328.0	232.7	130.3	100.4	152.6	40 420
Electricity	262.6	9.4	6.8	19.6	8.7	19.0	22.9	38.3	54.3	24.0	24.5	13.5	21.4	42 384
Piped gas	1 095.9	33.9	40.0	67.5	81.1	73.7	138.7	127.0	188.6	145.0	66.7	53.3	80.6	38 909
Bottled gas	50.5	3.5	1.1	2.5	2.6	2.2	7.4	3.1	11.7	5.2	5.2	3.4	2.5	44 679
Fuel oil	449.5	3.4	18.3	21.6	26.9	32.0	50.5	59.6	71.0	57.3	32.9	29.0	47.0	43 514
Kerosene or other liquid fuel	6.7	—	—	1.5	3.0	—	—	1.0	—	1.2	—	—	—	—
Coal or coke	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Wood	8.2	—	—	1.4	—	—	1.0	—	2.3	—	1.1	1.3	1.1	—
Solar energy	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other	1.2	—	—	—	—	1.2	—	—	—	—	—	—	—	—

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
Cooking Fuel														
With cooking fuel	1 870.3	50.3	66.2	114.0	122.3	128.1	220.4	225.9	328.0	232.7	129.2	100.4	152.6	40 484
Electricity	838.2	16.2	21.7	38.7	31.3	46.3	90.4	102.4	153.4	107.2	75.7	64.7	90.2	49 393
Piped gas	973.2	34.1	43.1	72.7	87.0	76.7	122.7	117.2	161.6	120.9	48.5	32.5	56.2	34 291
Bottled gas	58.9	—	1.4	2.6	4.0	5.1	7.4	6.3	13.0	4.7	5.1	3.2	6.2	44 292
Kerosene or other liquid fuel	—	—	—	—	—	—	—	—	—	—	—	—	—	...
Coal or coke	—	—	—	—	—	—	—	—	—	—	—	—	—	...
Wood	—	—	—	—	—	—	—	—	—	—	—	—	—	...
Other	—	—	—	—	—	—	—	—	—	—	—	—	—	...
Persons														
1 person	493.5	17.4	37.2	52.4	49.6	52.9	72.5	80.2	75.8	31.2	11.1	6.0	7.3	25 150
2 persons	556.8	15.5	14.9	32.7	37.5	44.8	66.6	77.9	94.9	80.0	37.5	18.0	36.7	38 542
3 persons	314.7	10.2	6.1	12.5	18.7	13.9	40.3	28.0	68.6	36.3	27.9	18.2	34.0	48 071
4 persons	275.4	2.7	2.7	10.6	7.0	11.4	23.5	23.1	45.8	47.8	28.1	24.2	48.7	64 616
5 persons	156.6	1.2	5.3	3.5	4.3	2.5	15.6	15.1	30.6	23.0	15.4	20.2	19.9	60 197
6 persons	58.0	2.2	—	—	4.3	1.2	2.1	2.6	10.1	13.4	6.0	9.9	6.1	69 609
7 persons or more	19.5	1.1	—	2.3	1.0	1.4	—	2.1	2.2	1.1	4.3	3.9	—	...
Household Composition by Age of Householder														
2-or-more-person households	1 381.1	32.9	29.0	61.6	72.7	75.2	148.0	148.9	252.2	201.5	119.2	94.5	145.4	49 695
Married-couple families, no nonrelatives	922.5	8.1	11.4	21.7	28.7	36.5	63.9	79.8	182.7	163.9	100.5	89.4	135.8	63 465
Under 25 years	16.7	—	—	—	—	—	3.9	5.9	3.4	3.5	—	—	—	...
25 to 29 years	55.8	—	—	1.1	1.1	—	1.2	8.2	13.3	17.2	9.1	1.2	3.4	63 483
30 to 34 years	81.5	—	—	—	1.1	2.5	3.2	9.0	19.3	17.6	12.7	7.5	8.5	66 338
35 to 44 years	248.5	1.4	2.6	1.0	2.2	5.7	19.3	13.0	41.6	54.9	32.8	32.4	41.5	73 608
45 to 64 years	354.7	2.2	2.2	4.3	11.1	6.9	15.0	28.4	72.6	57.1	37.1	46.2	71.6	72 150
65 years and over	165.3	4.5	6.7	15.2	13.2	21.3	21.3	15.3	32.4	13.6	8.9	2.1	10.7	30 216
Other male householder	154.0	6.7	—	10.2	11.2	12.2	29.4	26.3	23.3	20.0	7.2	4.0	3.5	32 743
Under 45 years	92.1	5.5	—	4.4	5.7	7.0	21.6	17.8	18.6	6.4	5.0	—	—	31 014
45 to 64 years	44.6	1.2	—	3.5	—	2.4	5.6	6.4	4.7	12.4	1.1	4.0	3.5	53 828
65 years and over	17.2	—	—	2.3	5.5	2.9	2.2	2.1	—	1.1	1.1	—	—	...
Other female householder	304.6	18.0	17.6	29.8	32.8	26.4	54.7	42.8	46.2	17.6	11.5	1.1	6.1	25 074
Under 45 years	157.4	11.1	12.7	17.3	16.6	12.8	31.1	23.7	15.2	8.5	4.8	—	3.4	22 609
45 to 64 years	91.0	3.6	2.3	3.8	8.4	4.7	19.1	9.4	26.0	6.6	3.3	1.1	2.7	33 924
65 years and over	56.2	3.3	2.5	8.7	7.8	9.0	4.5	9.6	5.0	2.5	3.3	—	—	18 239
1-person households	493.5	17.4	37.2	52.4	49.6	52.9	72.5	80.2	75.8	31.2	11.1	6.0	7.3	25 150
Male householder	176.7	3.5	14.4	10.7	5.7	16.6	31.0	25.1	39.8	19.7	3.3	4.5	2.4	32 557
Under 45 years	70.9	2.3	1.0	1.3	3.4	4.7	15.4	15.0	15.7	10.0	—	1.1	1.0	34 923
45 to 64 years	67.0	—	11.2	4.6	1.2	3.4	8.2	6.8	18.1	8.7	1.1	2.3	1.3	37 057
65 years and over	38.7	1.2	2.2	4.8	1.0	8.5	7.5	3.3	6.0	1.0	2.2	1.1	—	22 217
Female householder	316.8	13.9	22.8	41.7	43.9	36.3	41.4	55.1	36.0	11.5	7.8	1.5	4.9	19 983
Under 45 years	87.8	6.7	4.6	—	4.6	3.3	13.1	29.3	16.0	3.2	4.3	—	2.7	33 948
45 to 64 years	100.0	4.7	2.4	15.2	13.2	8.3	13.8	15.9	15.6	6.0	2.5	1.5	1.1	24 531
65 years and over	128.9	2.5	15.8	26.4	26.1	24.7	14.5	9.9	4.4	2.3	1.1	—	—	13 786
Own Never Married Children Under 18 Years Old														
No own children under 18 years	1 277.3	37.3	54.4	97.1	105.5	105.7	155.4	167.0	216.3	139.1	71.3	46.7	81.4	34 978
With own children under 18 years	597.3	12.9	11.8	16.8	16.8	22.4	65.0	62.1	111.7	93.6	59.0	53.8	71.3	56 249
Under 6 years only	127.4	2.3	2.7	2.3	3.3	5.6	9.6	21.7	23.1	21.8	10.0	6.8	18.1	54 018
1	80.5	1.2	2.7	2.3	2.2	2.1	8.5	15.8	15.7	10.7	7.7	5.6	6.0	46 980
2	40.5	—	—	—	1.1	3.6	1.1	5.9	6.4	9.0	2.3	1.2	9.9	64 863
3 or more	6.4	1.1	—	—	—	—	—	—	1.0	2.1	—	—	2.2	...
6 to 17 years only	367.9	6.8	6.5	10.1	9.3	10.8	45.1	33.7	65.3	60.5	38.8	35.0	45.9	58 848
1	164.4	5.7	3.8	3.4	2.4	8.6	24.9	16.1	34.2	19.7	14.3	9.1	22.2	50 075
2	146.1	1.1	1.3	3.2	4.4	1.1	16.1	13.0	23.2	33.0	16.5	18.0	15.3	65 882
3 or more	57.4	—	1.4	3.5	2.5	1.1	4.2	4.6	7.9	7.8	8.0	8.0	8.4	68 984
Both age groups	101.9	3.9	2.5	4.4	4.2	5.9	10.3	6.7	23.4	11.3	10.2	11.9	7.2	51 198
2	36.5	2.7	1.1	1.0	2.4	1.1	2.4	2.3	12.5	3.1	1.1	3.4	3.5	48 526
3 or more	65.3	1.2	1.4	3.4	1.8	4.8	7.9	4.4	10.9	8.2	9.1	8.5	3.8	54 268
Monthly Housing Costs														
Less than \$100	13.2	—	1.0	4.6	4.4	1.0	1.1	1.1	—	—	—	—	—	...
\$100 to \$199	79.6	4.7	17.3	14.9	6.9	7.7	6.5	6.8	9.2	3.6	1.1	—	1.1	12 181
\$200 to \$249	49.5	1.1	2.2	5.4	4.4	9.4	9.1	3.3	10.2	3.3	—	—	1.1	22 480
\$250 to \$299	67.1	1.1	2.4	10.4	7.6	8.3	11.6	10.2	4.8	6.0	2.6	2.2	—	23 243
\$300 to \$349	95.8	3.3	7.1	10.6	12.4	4.2	16.2	13.8	17.2	5.5	1.1	—	4.5	26 446
\$350 to \$399	107.6	3.4	2.2	8.3	13.5	13.8	18.6	12.0	14.4	11.3	4.5	2.1	3.5	26 809
\$400 to \$449	91.7	2.0	3.5	4.7	12.0	8.6	13.5	5.7	17.4	13.4	2.4	4.7	3.7	32 604
\$450 to \$499	124.2	3.4	7.4	9.0	5.7	11.3	14.7	22.5	19.2	11.4	9.2	3.4	7.1	34 703
\$500 to \$599	219.4	12.1	6.9	12.7	18.6	16.7	38.9	29.5	35.4	20.6	14.1	8.3	5.5	31 280
\$600 to \$699	153.5	2.2	2.5	11.4	13.4	20.0	17.7	24.2	25.4	19.3	5.4	2.1	9.9	33 998
\$700 to \$799	148.0	4.8	5.8	6.6	7.5	9.4	22.9	25.2	27.7	21.3	6.5	2.1	8.2	36 733
\$800 to \$999	200.2	4.4	3.4	3.7	4.5	4.6	22.4	33.4	45.4	41.2	14.3	12.6	10.4	50 467
\$1,000 to \$1,249	186.8	4.9	—	6.2	4.4	3.6	16.4	15.8	47.7	33.4	24.7	12.3	17.6	57 710
\$1,250 to \$1,499	121.1	—	—	2.2	—	1.3	2.4	9.7	28.3	17.2	20.4	22.2	17.4	79 447
\$1,500 or more	190.4	3.0	2.4	1.1	4.7	6.9	4.8	6.5	23.4	24.0	22.8	28.3	62.5	96 207
No cash rent	26.3	—	2.3	2.4	2.3	1.2	3.6	9.5	2.4	1.4	1.2	—	—	...
Median (excludes no cash rent)	649	551	398	418	445	496	544	620	735	800	1 034	1 254	1 302	...
Median Monthly Housing Costs for Owners														
Monthly costs including all mortgages plus maintenance costs	717	526	387	357	410	434	493	587	776	849	1 116	1 283	1 376	...
Monthly costs excluding second and subsequent mortgages and maintenance costs	658	471	349	326	383	398	456	544	731	813	1 049	1 267	1 281	...

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	53.5	—	—	—	—	—	1.1	2.1	4.5	5.9	5.8	5.4	28.7	120K+
5 to 9 percent	246.7	—	—	2.3	3.4	4.4	7.6	17.1	42.5	61.3	34.6	24.1	49.4	75 034
10 to 14 percent	279.7	—	—	1.2	4.3	10.2	24.5	26.2	74.0	59.9	19.2	22.5	37.8	59 865
15 to 19 percent	293.3	1.2	—	2.2	5.7	8.0	33.2	44.8	54.5	47.9	36.3	35.3	24.1	58 912
20 to 24 percent	205.5	—	9.0	4.7	3.4	10.7	26.1	44.7	51.3	27.5	15.1	9.4	3.7	41 655
25 to 29 percent	169.4	1.1	—	10.2	13.3	20.0	34.8	23.5	30.4	19.0	11.7	1.5	3.9	32 281
30 to 34 percent	117.9	—	2.2	3.3	8.6	15.2	27.6	24.2	27.8	6.5	1.4	1.1	—	30 853
35 to 39 percent	86.9	—	—	6.8	10.1	10.6	21.1	14.5	16.6	—	3.8	1.1	2.3	27 571
40 to 49 percent	97.3	—	1.4	4.7	21.5	19.6	20.9	13.1	12.6	2.3	1.1	—	—	20 652
50 to 59 percent	64.7	—	1.1	14.9	12.6	10.6	11.8	5.2	4.7	1.1	—	—	2.7	16 768
60 to 69 percent	33.5	—	—	12.5	11.6	3.6	3.6	1.1	1.1	—	—	—	—	11 833
70 to 99 percent	57.4	1.2	5.5	18.3	17.2	7.1	2.5	3.3	2.2	—	—	—	—	11 050
100 percent or more ³	95.7	—	44.7	30.6	8.0	6.9	2.1	—	3.4	—	—	—	—	5 518
Zero or negative income	46.7	46.7	—	—	—	—	—	—	—	—	—	—	—	5000-
No cash rent	26.3	—	2.3	2.4	2.3	1.2	3.6	9.5	2.4	1.4	1.2	—	—	...
Median (excludes 2 previous lines)	21	28	100+	64	45	33	27	22	19	14	16	15	10	...
Median (excludes 3 lines before medians)	20	28	32	53	43	32	27	22	19	14	16	15	10	...
OWNER OCCUPIED UNITS														
Total	1 334.1	25.5	34.7	59.4	64.9	72.5	130.9	136.9	261.7	183.3	117.9	95.8	150.4	50 864
Value														
Less than \$10,000	25.9	1.2	1.1	3.5	2.3	2.2	3.4	2.1	2.6	2.1	1.4	—	3.9	...
\$10,000 to \$19,999	30.5	1.1	—	6.9	3.7	3.3	4.3	1.1	1.1	—	8.9	—	—	20 577
\$20,000 to \$29,999	35.3	1.2	2.1	4.3	4.7	1.1	4.6	6.0	5.8	3.6	1.3	.4	—	28 990
\$30,000 to \$39,999	52.0	—	5.6	5.7	7.9	5.6	5.5	5.8	8.2	4.4	2.2	1.1	—	22 133
\$40,000 to \$49,999	39.0	2.5	1.1	4.6	2.2	4.7	5.6	5.8	8.1	1.1	1.2	1.1	1.1	28 011
\$50,000 to \$59,999	38.4	1.1	2.2	4.4	8.0	4.4	5.3	3.3	4.5	4.3	—	—	1.1	19 133
\$60,000 to \$69,999	63.8	1.1	—	1.4	5.4	4.7	7.5	12.4	16.2	10.8	4.2	—	—	39 484
\$70,000 to \$79,999	60.1	3.5	2.7	2.6	2.1	4.9	5.4	8.0	12.7	11.2	1.1	3.6	2.3	41 350
\$80,000 to \$99,999	190.8	2.2	6.9	9.9	8.8	11.0	25.7	28.0	41.8	34.6	11.0	6.1	4.8	41 370
\$100,000 to \$119,999	159.3	3.2	1.0	3.3	10.1	7.6	19.6	18.0	39.2	31.7	5.8	8.9	10.8	48 575
\$120,000 to \$149,999	203.9	2.4	6.2	4.4	6.4	10.5	25.1	21.7	50.9	22.6	29.3	9.2	15.2	49 912
\$150,000 to \$199,999	229.4	2.2	3.7	4.6	3.3	10.5	10.5	13.6	43.8	33.9	27.6	39.6	36.3	73 385
\$200,000 to \$249,999	75.8	1.4	—	2.4	—	1.1	3.8	4.2	12.6	12.7	9.0	11.2	17.5	79 612
\$250,000 to \$299,999	62.8	1.2	1.1	—	—	—	2.2	3.6	5.9	5.8	11.4	7.9	23.8	100 589
\$300,000 or more	67.0	1.1	1.1	1.4	—	1.1	2.3	3.3	8.3	4.5	3.5	6.7	33.7	120K+
Median	116 478	...	87 364	61 668	66 804	90 007	98 471	97 051	115 234	112 310	142 342	172 051	199 642	...
Ratio of Value to Current Income														
Less than 1.5	369.2	—	—	4.6	9.6	6.6	16.8	20.9	51.7	81.1	47.1	40.6	90.1	78 340
1.5 to 1.9	220.1	—	—	1.1	—	4.4	8.6	13.6	46.9	38.4	34.0	35.9	37.1	78 427
2.0 to 2.4	144.0	—	—	3.6	3.2	4.8	7.6	17.9	46.8	19.4	14.7	11.5	14.5	54 862
2.5 to 2.9	138.8	—	—	2.2	1.2	5.5	15.4	28.6	40.7	28.3	8.4	3.4	5.0	48 099
3.0 to 3.9	129.3	—	—	2.2	9.1	6.2	16.2	24.6	43.1	11.7	11.4	2.2	2.6	42 986
4.0 to 4.9	77.7	—	—	3.2	5.4	6.5	25.2	16.0	15.7	2.3	1.1	1.1	1.1	29 385
5.0 or more	230.7	1.1	34.7	42.4	36.4	38.6	41.0	15.4	16.7	2.2	1.1	1.1	—	15 097
Zero or negative income	24.4	24.4	—	—	—	—	—	—	—	—	—	—	—	...
Median	2.2	...	5.0+	5.0+	5.0+	5.0+	4.0	2.8	2.3	1.6	1.7	1.6	1.5-	...
Monthly Payment for Principal and Interest														
One or more regular mortgages	727.7	11.7	4.9	8.3	19.8	19.6	56.1	72.9	150.5	122.2	85.5	70.7	105.4	63 270
Less than \$100	29.6	4.5	1.3	—	—	1.1	2.2	4.3	8.1	2.4	3.6	1.0	1.1	43 500
\$100 to \$199	24.3	1.1	1.1	—	4.5	2.3	3.3	3.2	1.1	1.1	3.2	—	3.4	...
\$200 to \$249	26.4	—	—	1.1	3.2	1.1	1.1	4.4	4.2	5.6	3.2	1.4	1.2	...
\$250 to \$299	31.4	—	—	1.2	—	1.1	7.7	5.9	8.4	3.3	2.6	1.1	—	39 518
\$300 to \$349	30.8	—	1.2	2.4	3.6	2.2	—	4.5	4.4	9.1	2.2	—	1.2	46 633
\$350 to \$399	18.8	—	—	1.2	1.1	1.1	4.4	3.4	4.3	3.3	—	—	1.2	...
\$400 to \$449	39.7	1.4	—	1.2	1.8	—	3.1	5.7	8.7	9.2	2.3	2.3	4.0	55 137
\$450 to \$499	40.2	—	—	1.2	1.1	4.7	3.3	2.3	5.7	10.4	4.9	2.4	4.0	63 146
\$500 to \$599	84.2	3.5	—	—	1.2	2.3	15.4	10.6	23.1	13.0	6.9	7.1	1.2	47 919
\$600 to \$699	67.0	—	—	—	2.1	—	2.2	10.0	15.5	16.4	7.8	5.0	8.1	64 617
\$700 to \$799	67.7	—	—	—	1.0	—	5.7	5.5	18.5	12.0	9.1	6.2	9.8	65 339
\$800 to \$999	112.0	1.2	—	1.1	—	2.5	5.6	7.8	28.2	16.1	18.2	17.8	13.5	71 901
\$1,000 to \$1,249	76.9	—	—	—	—	—	1.0	3.2	10.5	16.1	9.8	15.5	20.8	95 585
\$1,250 to \$1,499	44.4	—	1.3	—	—	—	—	—	6.5	2.3	7.3	7.1	19.9	113 581
\$1,500 or more	34.4	—	—	—	—	1.1	1.1	2.3	3.5	2.1	4.5	3.7	16.0	113 735
Median	658	...	...	...	...	...	519	527	647	623	768	899	1 048	...
Average Monthly Cost Paid for Real Estate Taxes														
Less than \$25	86.7	3.5	5.8	17.5	10.4	6.5	11.3	8.9	10.8	4.7	4.0	—	3.4	19 798
\$25 to \$49	66.6	3.4	3.3	6.9	4.4	7.0	7.6	6.5	8.0	11.4	3.5	2.2	2.3	31 024
\$50 to \$74	73.5	2.3	1.1	4.5	10.4	9.2	9.1	9.4	17.3	7.9	2.3	—	—	30 241
\$75 to \$99	86.8	3.3	2.5	9.0	9.9	8.4	7.6	10.5	15.7	8.5	3.4	2.3	5.7	32 640
\$100 to \$149	188.5	4.7	9.6	6.8	9.2	14.7	25.4	20.3	31.4	35.2	13.3	7.1	10.8	42 252
\$150 to \$199	225.2	3.5	3.5	6.4	13.3	10.4	33.7	29.5	51.7	25.9	13.9	13.5	19.9	44 780
\$200 or more	606.8	4.8	8.9	8.3	7.4	16.4	36.2	51.9	126.7	89.7	77.4	70.8	108.3	69 527
Median	187	...	124	77	93	118	157	172	196	196	200+	200+	200+	...

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	1 245.7	22.0	33.7	51.5	54.6	70.4	116.6	120.2	249.8	175.4	113.1	92.6	145.7	52 317
Less than \$10,000	108.5	2.1	6.7	18.6	15.7	11.0	11.9	12.6	11.5	11.3	2.3	—	4.8	20 139
\$10,000 to \$19,999	151.1	3.3	6.2	11.9	11.0	18.8	26.0	15.8	24.2	16.0	9.1	1.3	7.6	29 395
\$20,000 to \$29,999	105.2	3.4	3.4	4.3	8.8	8.9	9.4	7.8	27.6	8.9	9.3	6.8	6.6	44 820
\$30,000 to \$39,999	56.3	—	1.1	5.8	1.4	5.4	5.4	5.9	12.1	4.4	9.1	3.3	2.3	45 087
\$40,000 to \$49,999	59.9	2.7	3.3	3.3	1.1	3.3	5.4	10.3	11.2	10.5	1.1	2.3	5.6	41 154
\$50,000 to \$59,999	70.3	—	—	—	2.2	2.2	7.5	12.4	17.5	13.2	7.1	2.2	6.0	52 442
\$60,000 to \$69,999	52.4	—	1.3	1.2	—	1.5	4.4	2.2	13.4	11.0	10.4	5.8	1.3	64 093
\$70,000 to \$79,999	70.2	—	—	—	1.8	2.3	12.2	7.9	8.9	11.1	5.3	9.0	11.7	63 672
\$80,000 to \$99,999	103.4	—	1.1	1.3	3.5	1.0	4.2	15.7	27.5	23.5	7.6	6.2	11.7	58 111
\$100,000 to \$119,999	92.8	—	—	1.1	2.3	5.4	9.7	5.5	27.6	13.3	6.1	10.8	11.2	56 298
\$120,000 to \$149,999	101.7	2.3	1.3	—	1.0	2.5	4.9	3.6	29.8	13.9	19.0	9.1	14.2	67 697
\$150,000 to \$199,999	86.1	—	—	—	—	—	1.0	3.3	13.0	19.3	11.8	20.0	17.7	90 933
\$200,000 to \$249,999	52.5	3.5	—	—	—	—	1.1	1.1	3.4	7.9	9.4	6.3	19.9	99 767
\$250,000 to \$299,999	16.0	—	—	—	—	—	—	—	1.5	1.1	2.5	1.1	9.8	...
\$300,000 or more	17.7	—	1.1	—	—	1.1	—	—	6.2	—	1.1	1.1	7.1	...
Not reported	101.6	4.7	8.2	3.9	5.9	7.1	13.5	16.4	14.5	10.1	1.9	7.3	8.1	34 587
Median	63 949	—	19 692	14 334	17 882	22 129	37 866	49 601	70 131	76 661	85 158	110 572	119 769	...
Received as inheritance or gift	44.0	1.2	1.0	5.5	7.8	2.1	6.5	6.8	7.3	2.2	—	2.2	1.2	26 501
Not reported	44.4	2.3	—	2.3	2.5	—	7.8	9.9	4.6	5.7	4.7	1.0	3.5	37 370
RENTER OCCUPIED UNITS														
Total	540.5	24.8	31.5	54.6	57.4	55.6	89.5	92.2	66.3	49.4	12.5	4.6	2.2	25 187
Rent Reductions														
No subsidy	468.8	22.4	22.0	45.4	40.7	46.7	82.9	81.6	62.0	47.0	11.3	4.6	2.2	26 902
Rent control	5.6	—	—	1.0	—	1.0	1.5	—	1.2	1.0	—	—	—	...
No rent control	460.6	22.4	22.0	41.9	40.7	45.7	81.5	81.6	60.8	46.0	11.3	4.6	2.2	27 079
Reduced by owner	19.9	—	1.1	—	—	—	5.6	8.3	—	2.5	2.3	—	—	...
Not reduced by owner	440.7	22.4	20.9	41.9	40.7	45.7	75.8	73.2	60.8	43.5	9.0	4.6	2.2	26 436
Owner reduction not reported	—	—	—	—	—	—	—	—	—	—	—	—	—	...
Rent control not reported	2.6	—	—	2.6	—	—	—	—	—	—	—	—	—	...
Owned by public housing authority	18.8	—	3.5	2.4	8.0	2.3	—	2.5	—	—	—	—	—	...
Government subsidy	21.4	—	3.4	4.7	5.5	3.1	2.3	1.2	1.1	—	—	—	—	...
Other, income verification	20.4	—	2.6	2.0	2.1	1.2	2.1	4.7	3.2	1.2	1.2	—	—	...
Subsidy not reported	11.2	2.3	—	—	1.2	2.3	2.1	2.2	—	1.1	—	—	—	...

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

[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	Median excluding no cash rent
Total	1 874.6	13.2	79.6	116.6	203.4	215.9	219.4	153.5	148.0	200.2	307.9	190.4	26.3	649
Units in Structure														
1, detached	863.3	1.1	10.6	34.4	78.6	113.1	98.3	34.9	39.1	93.1	186.6	162.2	11.4	834
1, attached	670.4	8.1	57.1	76.1	98.2	60.3	61.3	56.8	56.9	71.2	94.3	17.2	12.8	547
2 to 4	141.1	1.0	6.0	—	12.0	18.6	28.2	29.5	23.0	11.1	6.4	4.2	1.0	615
5 to 9	54.5	.9	1.0	1.2	5.0	12.1	7.4	6.7	6.9	7.9	4.5	.9	—	595
10 to 19	56.1	—	—	—	1.2	2.2	15.5	14.9	12.5	6.6	2.2	—	1.1	658
20 to 49	23.1	—	1.4	—	—	3.2	4.6	3.2	2.1	4.5	3.2	1.1	—	...
50 or more	52.6	2.2	3.6	2.2	3.1	2.2	4.2	7.6	7.5	4.7	10.6	4.7	—	716
Mobile home or trailer	13.4	—	—	2.7	5.3	4.3	—	—	—	1.1	—	—	—	...
Year Structure Built¹														
2000 to 2004	—	—	—	—	—	—	—	—	—	—	—	—	—	...
1995 to 1999	74.2	—	—	1.3	—	1.1	13.4	—	3.5	7.7	23.8	23.4	—	1 212
1990 to 1994	113.6	—	1.4	3.4	13.6	10.1	8.2	1.2	5.9	9.5	33.1	27.3	—	1 054
1985 to 1989	89.6	—	1.1	3.4	7.1	4.7	4.1	3.4	6.6	22.5	18.6	16.7	1.2	922
1980 to 1984	76.2	—	2.3	2.2	4.6	9.5	5.5	3.3	9.0	5.7	25.5	8.5	—	858
1975 to 1979	108.1	—	3.2	5.0	15.1	4.5	17.3	8.6	10.9	11.4	19.5	11.5	1.0	698
1970 to 1974	112.0	1.0	2.5	3.9	6.0	12.8	10.2	20.4	10.0	12.8	18.8	12.6	1.1	694
1960 to 1969	267.0	—	4.3	9.3	22.9	29.5	37.9	28.5	23.2	31.0	46.3	29.5	4.6	696
1950 to 1959	266.9	—	14.6	20.5	35.2	37.2	36.7	19.8	14.8	27.2	43.9	13.4	3.6	566
1940 to 1949	159.1	2.3	8.5	8.9	18.2	26.5	27.6	13.8	17.1	6.3	18.4	9.1	2.4	550
1930 to 1939	135.5	3.0	5.4	13.0	23.7	22.1	17.7	19.0	4.9	5.5	14.4	3.2	3.7	494
1920 to 1929	179.8	3.5	13.4	20.7	17.1	20.0	14.6	16.9	21.6	24.1	17.9	8.7	1.2	599
1919 or earlier	292.5	3.4	22.9	24.9	39.9	37.8	26.3	18.7	20.4	36.5	27.7	26.5	7.5	552
Median	1956	...	1936	1940	1951	1950	1956	1954	1957	1960	1967	1972	...	...
Rooms														
1 room	2.4	—	—	1.2	—	—	—	—	—	1.2	—	—	—	...
2 rooms	15.4	—	—	1.1	2.5	2.4	2.3	1.2	1.3	—	—	4.6	—	...
3 rooms	143.8	—	6.1	6.2	16.6	30.5	34.7	32.7	10.2	1.2	2.4	2.1	1.0	534
4 rooms	242.1	5.6	10.0	7.6	16.8	23.6	37.4	35.3	44.4	35.7	19.8	3.6	2.2	653
5 rooms	316.2	4.3	27.2	28.1	34.0	21.7	41.9	14.6	27.7	51.3	47.7	12.9	4.6	597
6 rooms	479.5	3.3	26.1	48.7	75.7	56.2	41.9	34.7	33.4	52.6	79.3	21.6	5.0	563
7 rooms	264.9	—	4.3	15.7	37.7	34.2	24.8	13.9	15.8	28.0	72.6	19.6	1.2	708
8 rooms	222.8	—	4.8	4.3	12.7	29.1	22.7	10.0	8.3	18.6	54.4	49.1	8.7	962
9 rooms	125.6	—	—	1.1	4.0	11.4	10.2	7.4	5.7	8.3	21.2	53.9	2.4	1 318
10 rooms or more	61.9	—	1.1	2.5	2.3	6.8	3.5	3.7	1.2	3.4	10.4	25.8	1.2	1 283
Bedrooms														
None	12.3	—	—	2.6	2.5	1.2	—	—	1.3	1.2	—	3.5	—	...
1	220.3	2.0	17.4	8.0	20.0	44.8	47.8	46.3	19.4	5.8	3.5	3.2	2.1	536
2	413.2	7.1	19.4	22.4	42.7	26.1	52.7	37.4	60.9	72.0	59.9	9.4	3.3	692
3	759.8	4.1	35.8	64.4	106.0	96.0	83.8	47.9	45.7	81.4	142.4	43.6	8.7	583
4 or more	469.0	—	7.0	19.2	32.2	47.9	35.1	21.9	20.8	39.9	102.1	130.7	12.2	1 021
Complete Bathrooms														
None	4.4	—	—	2.1	—	—	1.2	—	—	—	—	1.1	—	...
1	829.3	12.2	53.7	68.1	108.8	109.5	127.8	103.2	84.4	67.8	63.6	21.0	9.2	545
1 and one-half	407.1	1.1	16.7	29.2	50.5	45.3	31.6	18.5	29.4	66.1	82.2	25.5	11.0	717
2 or more	633.8	—	9.2	17.2	44.0	61.1	58.7	31.9	34.3	66.3	162.1	142.8	6.1	973
Main Heating Equipment														
Warm-air furnace	1 009.8	6.6	38.4	56.8	111.4	109.8	104.7	89.8	76.1	107.3	188.7	110.7	9.6	681
Steam or hot water system	623.7	5.5	33.4	40.8	75.6	94.0	86.4	40.0	39.5	66.7	77.5	54.8	9.6	567
Electric heat pump	101.1	—	1.2	3.4	4.7	2.4	9.6	6.9	17.9	13.6	25.3	16.2	—	866
Built-in electric units	75.6	—	2.3	7.5	7.5	4.9	13.7	5.7	11.0	5.8	6.9	5.6	4.7	596
Floor, wall, or other built-in hot-air units without ducts	45.6	1.1	4.3	5.8	4.2	2.5	3.7	5.4	2.3	4.4	6.3	3.1	2.5	598
Room heaters with flue	8.3	—	—	—	—	—	1.3	2.3	1.3	1.2	2.3	—	—	...
Room heaters without flue	3.5	—	—	1.1	—	—	—	1.1	—	1.4	—	—	—	...
Portable electric heaters	1.1	—	—	—	—	1.1	—	—	—	—	—	—	—	...
Stoves	3.6	—	—	—	—	1.3	—	1.2	—	—	1.1	—	—	...
Fireplaces with inserts	—	—	—	—	—	—	—	—	—	—	—	—	—	...
Fireplaces without inserts	—	—	—	—	—	—	—	—	—	—	—	—	—	...
Other	2.3	—	—	1.2	—	—	—	—	1.1	—	—	—	—	...
Cooking stove	—	—	—	—	—	—	—	—	—	—	—	—	—	...
None	—	—	—	—	—	—	—	—	—	—	—	—	—	...
Primary Source of Water														
Public system or private company	1 678.4	13.2	79.6	102.4	188.0	190.5	185.4	146.9	140.3	173.4	283.2	154.1	21.5	647
Well serving 1 to 5 units	191.6	—	—	14.2	15.4	25.5	34.0	6.6	7.8	24.6	24.7	34.0	4.8	665
Drilled	175.0	—	—	11.5	15.4	25.5	31.4	5.5	7.8	19.5	22.1	32.9	3.5	636
Dug	9.9	—	—	1.3	—	—	2.6	1.1	—	2.4	—	1.1	1.3	...
Not reported	6.7	—	—	1.4	—	—	—	—	—	2.7	2.6	—	—	...
Other	4.7	—	—	—	—	—	—	—	—	2.3	—	2.3	—	...
Means of Sewage Disposal														
Public sewer	1 675.2	13.2	78.3	107.8	189.2	188.2	187.1	142.8	140.9	172.2	285.9	148.6	21.0	644
Septic tank, cesspool, chemical toilet	198.3	—	1.4	8.7	14.2	27.7	32.3	10.8	7.2	28.0	22.0	40.7	5.4	720
Other	1.1	—	—	—	—	—	—	—	—	—	—	1.1	—	...

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	Median excluding no cash rent
Main House Heating Fuel														
Housing units with heating fuel	1 874.6	13.2	79.6	116.6	203.4	215.9	219.4	153.5	148.0	200.2	307.9	190.4	26.3	649
Electricity	262.6	1.1	6.9	10.9	17.0	15.5	32.2	24.6	40.4	37.6	45.3	26.3	4.7	751
Piped gas	1 095.9	8.6	63.2	67.8	118.1	123.7	121.9	98.2	82.1	109.9	180.9	107.3	14.1	638
Bottled gas	50.5	1.2	1.1	5.8	4.8	6.5	8.1	1.1	1.3	4.3	8.1	8.0	—	571
Fuel oil	449.5	2.3	7.0	30.9	62.0	67.9	57.1	23.2	24.2	47.2	71.3	48.8	7.5	589
Kerosene or other liquid fuel	6.7	—	—	1.2	1.5	—	—	2.8	—	—	1.2	—	—	—
Coal or coke	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Wood	8.2	—	1.4	—	—	2.3	—	2.4	—	1.1	1.1	—	—	—
Solar energy	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other	1.2	—	—	—	—	—	—	1.2	—	—	—	—	—	—
Cooking Fuel														
Housing units with cooking fuel	1 870.3	13.2	79.6	115.6	201.2	215.9	219.4	153.5	148.0	200.2	307.9	189.3	26.3	650
Electricity	838.2	2.1	11.6	27.3	66.7	92.0	106.4	75.3	63.6	105.9	167.7	107.7	12.1	750
Piped gas	973.2	10.1	66.9	82.0	124.8	113.2	108.2	78.2	83.0	89.8	129.6	75.6	11.8	577
Bottled gas	58.9	1.1	1.1	6.3	9.7	10.8	4.7	—	1.5	4.6	10.6	6.1	2.4	493
Kerosene or other liquid fuel	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Coal or coke	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Wood	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Persons														
1 person	493.5	7.6	38.8	37.5	66.8	62.1	65.6	55.1	43.0	50.7	38.8	22.0	5.5	548
2 persons	556.8	—	15.9	42.9	65.0	83.6	79.7	43.0	51.8	60.3	84.7	24.0	5.9	585
3 persons	314.7	1.2	12.4	21.3	32.9	29.1	33.9	21.2	21.5	32.3	63.9	37.1	7.7	706
4 persons	275.4	2.5	8.2	6.7	20.3	22.9	24.2	15.5	15.0	34.4	67.4	54.9	3.5	921
5 persons	156.6	—	2.1	4.7	12.5	11.0	12.6	9.6	10.9	17.9	34.4	37.5	2.5	942
6 persons	58.0	—	1.1	3.5	4.6	6.0	3.3	5.5	3.7	3.6	13.6	13.3	—	879
7 persons or more	19.5	1.1	1.1	—	1.1	1.4	—	3.6	2.2	1.1	5.1	1.6	1.2	—
Household Composition by Age of Householder														
2-or-more-person households	1 381.1	5.6	40.8	79.1	136.5	153.8	153.8	98.4	105.0	149.6	269.1	168.5	20.8	711
Married-couple families, no nonrelatives	922.5	1.1	17.0	36.8	78.0	109.2	94.3	55.7	69.8	103.2	193.8	154.0	9.6	792
Under 25 years	16.7	—	—	—	2.4	1.4	1.2	2.3	3.6	1.4	3.0	—	1.2	—
25 to 29 years	55.8	1.1	—	—	1.1	4.6	3.6	3.3	6.9	10.6	20.2	3.3	1.0	927
30 to 34 years	81.5	—	1.1	—	1.1	4.4	6.0	3.2	9.2	14.9	28.8	10.2	2.6	993
35 to 44 years	248.5	—	6.7	9.0	8.5	13.4	12.9	6.5	11.8	35.4	72.5	69.4	2.3	1 130
45 to 64 years	354.7	—	2.2	11.5	37.8	47.9	45.1	20.8	31.5	35.5	58.7	62.6	1.2	737
65 years and over	165.3	—	7.1	16.3	27.2	37.4	25.5	19.5	6.7	5.4	10.7	8.5	1.1	484
Other male householder	154.0	—	3.4	14.4	21.0	16.8	18.9	8.7	11.3	16.1	36.6	5.4	1.2	621
Under 45 years	92.1	—	2.3	8.3	9.0	8.6	12.3	7.6	9.2	8.0	23.7	3.2	—	674
45 to 64 years	44.6	—	—	2.5	7.2	6.0	4.4	1.2	2.2	6.9	10.8	2.2	1.2	718
65 years and over	17.2	—	1.1	3.6	4.8	2.2	2.1	—	—	1.2	2.1	—	—	—
Other female householder	304.6	4.5	20.4	27.9	37.5	27.9	40.6	34.0	23.9	30.2	38.7	9.1	10.0	572
Under 45 years	157.4	3.3	9.2	11.4	12.9	10.0	19.9	23.5	10.6	19.4	25.6	4.3	7.3	636
45 to 64 years	91.0	—	4.5	7.6	9.3	9.2	13.8	7.1	10.0	9.0	13.0	4.7	2.7	598
65 years and over	56.2	1.2	6.7	8.8	15.3	8.6	6.9	3.4	3.2	1.9	—	—	—	374
1-person households	493.5	7.6	38.8	37.5	66.8	62.1	65.6	55.1	43.0	50.7	38.8	22.0	5.5	548
Male householder	176.7	3.2	15.7	6.9	20.6	23.1	25.0	21.5	16.5	15.2	17.9	9.7	1.2	573
Under 45 years	70.9	1.1	2.5	1.1	6.5	8.5	13.5	10.5	9.2	6.9	8.9	2.2	—	621
45 to 64 years	67.0	1.0	10.0	2.4	7.4	5.9	11.5	8.7	3.6	4.0	6.7	4.4	1.2	552
65 years and over	38.7	1.1	3.2	3.4	6.6	8.7	—	2.4	3.7	4.3	2.3	3.2	—	459
Female householder	316.8	4.4	23.1	30.6	46.3	39.0	40.5	33.6	26.5	35.4	20.9	12.2	4.3	532
Under 45 years	87.8	1.1	2.2	2.2	4.7	10.1	15.7	13.7	10.5	12.4	8.9	3.2	3.2	647
45 to 64 years	100.0	—	4.8	7.0	11.0	12.9	10.8	14.4	8.9	17.4	8.4	4.5	—	624
65 years and over	128.9	3.3	16.1	21.3	30.6	16.1	14.0	5.5	7.1	5.6	3.6	4.6	1.1	376
Own Never Married Children Under 18 Years Old														
No own children under 18 years	1 277.3	8.8	58.0	95.8	170.5	178.7	171.9	113.6	108.3	127.2	160.1	72.6	11.8	570
With own children under 18 years	597.3	4.4	21.6	20.8	32.9	37.2	47.5	39.9	39.8	73.1	147.8	117.8	14.6	929
Under 6 years only	127.4	—	6.0	4.4	2.3	5.5	11.7	12.3	9.3	16.2	36.4	20.0	3.5	930
1	80.5	—	3.8	1.1	2.3	3.3	8.6	10.0	5.6	10.5	22.1	9.8	3.5	873
2	40.5	—	1.1	3.3	—	2.2	2.1	2.3	3.7	4.6	12.2	9.0	—	1 039
3 or more	6.4	—	1.1	—	—	—	1.0	—	—	1.1	2.1	1.1	—	—
6 to 17 years only	367.9	—	11.2	13.0	24.8	26.1	31.0	21.8	23.3	45.3	86.1	78.0	7.4	928
1	164.4	—	9.0	5.7	14.3	12.6	18.3	8.3	13.7	19.2	32.5	27.2	3.5	789
2	146.1	—	1.1	7.3	9.4	6.7	8.3	6.6	7.0	22.9	38.3	34.8	3.9	1 025
3 or more	57.4	—	1.1	—	1.1	6.8	4.4	6.9	2.6	3.2	15.3	16.0	—	1 085
Both age groups	101.9	4.4	4.4	3.4	5.8	5.6	4.8	5.7	7.2	11.6	25.4	19.8	3.7	933
2	36.5	1.2	2.2	1.0	3.6	1.1	2.5	2.3	1.1	5.7	6.5	6.8	2.5	869
3 or more	65.3	3.2	2.2	2.4	2.2	4.5	2.3	3.4	6.2	5.9	18.8	13.0	1.2	995
Income of Families and Primary Individuals														
Less than \$5,000	116.5	1.0	21.9	6.7	15.9	16.3	19.0	4.6	10.6	7.8	4.9	5.4	2.3	471
\$5,000 to \$9,999	114.0	4.6	14.9	15.8	18.9	13.7	12.7	11.4	6.6	3.7	8.3	1.1	2.4	412
\$10,000 to \$14,999	122.3	4.4	6.9	12.0	25.8	17.8	18.6	13.4	7.5	4.5	4.4	4.7	2.3	461
\$15,000 to \$19,999	128.1	1.0	7.7	17.8	18.0	20.0	16.7	20.0	9.4	4.6	4.9	6.9	1.2	495
\$20,000 to \$24,999	107.7	—	5.4	8.4	14.8	14.7	18.0	11.3	11.0	12.1	7.1	3.6	1.2	555
\$25,000 to \$29,999	112.8	1.1	1.1	12.3	20.0	13.4	20.9	6.4	11.9	10.3	11.7	1.2	2.4	535
\$30,000 to \$34,999	119.1	1.1	3.2	5.6	15.4	15.6	17.3	11.5	14.5	14.4	12.8	3.3	4.4	595
\$35,000 to \$39,999	110.1	—	3.5	7.9	10.5	12.6	12.2	12.7	10.7	19.0	12.6	3.3	5.1	645
\$40,000 to \$49,999	184.0	—	8.1	9.2	16.8	26.0	19.6	15.0	17.2	21.1	41.1	8.7	1.1	678
\$50,000 to \$59,999	144.1	—	1.1	5.8	14.8	10.6	15.9	10.4	10.4	24.3	34.8	14.7	1.2	820
\$60,000 to \$79,999	232.7	—	3.6	9.3	16.8	24.7	20.6	19.3	21.3	41.2	50.5	24.0	1.4	800
\$80,000 to \$99,999	130.3	—	1.1	2.6	5.6	11.6	14.1	5.4	6.5	14.3	45.1	22.8	1.2	1 037
\$100,000 to \$119,999	100.4	—	—	2.2	2.1	8.1	8.3	2.1	2.1	12.6	34.5	28.3	—	1 183
\$120,000 or more	152.6	—	1.1	1.1	8.0	10.8	5.5	9.9	8.2	10.4	35.1	62.5	—	1 303
Median	40 375	...	12 181	23 575	27 071	33 871	31 091	34 202	36 145	51 111	64 444	96 207	...	...

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	Median excluding no cash rent
OWNER OCCUPIED UNITS														
Total	1 334.1	9.1	57.2	107.2	170.8	159.5	124.8	64.1	63.1	137.7	264.2	176.6	—	660
Value														
Less than \$10,000	25.9	3.7	2.3	3.4	4.4	2.9	2.1	—	2.2	3.6	—	1.3	—	...
\$10,000 to \$19,999	30.5	2.2	5.5	5.8	5.2	3.6	1.1	—	1.1	—	4.7	1.3	—	334
\$20,000 to \$29,999	35.3	—	11.7	4.4	5.9	6.8	—	1.4	—	—	1.3	3.7	—	326
\$30,000 to \$39,999	52.0	—	10.9	14.5	12.5	8.4	—	3.6	2.2	—	—	—	—	305
\$40,000 to \$49,999	39.0	—	5.9	6.8	10.1	2.2	9.6	1.1	2.2	1.1	—	—	—	367
\$50,000 to \$59,999	38.4	2.2	4.4	8.7	8.8	1.1	7.9	2.2	3.1	—	—	—	—	345
\$60,000 to \$69,999	63.8	—	3.5	10.2	11.1	7.0	5.5	10.8	3.3	9.3	3.0	—	—	500
\$70,000 to \$79,999	60.1	1.1	2.5	7.1	9.0	6.8	8.4	3.5	7.6	6.0	6.9	1.0	—	541
\$80,000 to \$99,999	190.8	—	3.4	12.9	31.1	30.0	12.8	12.2	10.1	44.9	29.0	4.4	—	643
\$100,000 to \$119,999	159.3	—	1.2	10.7	27.7	24.9	5.8	4.1	10.5	23.9	43.7	6.7	—	750
\$120,000 to \$149,999	203.9	—	2.1	14.7	20.3	27.7	21.2	6.3	7.9	16.5	70.9	16.2	—	820
\$150,000 to \$199,999	229.4	—	1.1	6.8	22.2	27.1	30.1	13.3	2.5	17.8	69.2	39.5	—	932
\$200,000 to \$249,999	75.8	—	1.1	1.2	1.1	10.9	12.3	2.2	1.1	4.4	14.2	27.4	—	1 129
\$250,000 to \$299,999	62.8	—	—	—	1.5	—	5.7	2.3	3.4	3.4	12.7	33.9	—	1500+
\$300,000 or more	67.0	—	1.4	—	—	—	2.2	1.1	5.7	6.8	8.7	41.0	—	1500+
Median	116 478	...	38 305	69 798	91 835	108 728	132 840	95 425	99 405	103 319	138 430	225 670	...	...
Ratio of Value to Current Income														
Less than 1.5	369.2	4.8	23.9	29.6	45.2	50.4	21.4	20.5	23.5	36.3	77.5	36.2	...	646
1.5 to 1.9	220.1	1.1	3.3	18.1	7.7	13.8	20.4	11.8	15.6	27.2	61.6	39.5	...	934
2.0 to 2.4	144.0	1.1	5.6	6.8	20.5	14.7	10.6	3.4	4.8	15.4	29.2	32.0	...	860
2.5 to 2.9	138.8	1.1	—	8.9	10.5	12.8	22.8	7.8	2.2	22.9	29.8	20.0	...	829
3.0 to 3.9	129.3	—	2.2	7.0	16.4	16.4	9.2	9.0	6.1	15.3	27.3	20.4	...	774
4.0 to 4.9	77.7	—	1.0	9.5	13.9	15.1	7.0	2.1	3.4	8.9	13.3	3.4	...	495
5.0 or more	230.7	1.1	17.6	26.3	51.1	34.1	25.8	9.6	7.6	9.3	23.0	25.2	...	456
Zero or negative income	24.4	—	3.6	1.1	5.5	2.2	7.4	—	—	2.2	2.4	—	...	...
Median	2.2	...	1.9	2.4	2.9	2.5	2.6	2.0	1.8	2.1	1.9	2.2	...	...
Monthly Payment for Principal and Interest														
One or more regular mortgages	727.7	—	3.5	9.2	21.1	18.9	43.2	33.0	46.7	124.4	258.3	169.3	...	1 123
Less than \$100	29.6	—	3.5	4.7	8.6	3.3	5.6	—	2.5	—	1.4	—	...	377
\$100 to \$199	24.3	—	—	3.3	9.9	3.5	3.2	1.2	1.0	1.0	1.1	—	...	...
\$200 to \$249	26.4	—	—	—	1.1	7.7	8.6	4.4	2.2	—	2.6	—	...	...
\$250 to \$299	31.4	—	—	1.2	1.4	3.3	11.5	5.6	3.7	4.6	—	—	...	585
\$300 to \$349	30.8	—	—	—	—	1.2	8.4	7.7	6.5	2.3	4.7	—	...	676
\$350 to \$399	18.8	—	—	—	—	—	4.5	5.5	5.4	2.2	1.1	—	...	...
\$400 to \$449	39.7	—	—	—	—	—	1.4	6.4	5.4	19.4	7.0	—	...	868
\$450 to \$499	40.2	—	—	—	—	—	—	2.2	11.6	21.3	5.1	—	...	859
\$500 to \$599	84.2	—	—	—	—	—	—	—	8.4	50.6	25.2	—	...	933
\$600 to \$699	67.0	—	—	—	—	—	—	—	—	19.4	46.6	1.0	...	1 152
\$700 to \$799	67.7	—	—	—	—	—	—	—	—	2.6	62.8	2.4	...	1 249
\$800 to \$999	112.0	—	—	—	—	—	—	—	—	1.0	86.6	24.3	...	1 317
\$1,000 to \$1,249	76.9	—	—	—	—	—	—	—	—	—	14.0	62.9	...	1500+
\$1,250 to \$1,499	44.4	—	—	—	—	—	—	—	—	—	—	44.4	...	1500+
\$1,500 or more	34.4	—	—	—	—	—	—	—	—	—	—	34.4	...	1500+
Median	658	...	...	...	...	...	268	335	419	523	755	1 226	...	...
Average Monthly Cost Paid for Real Estate Taxes														
Less than \$25	86.7	8.1	23.5	16.1	12.8	10.7	4.8	1.2	1.1	3.7	2.5	2.3	...	274
\$25 to \$49	66.6	1.1	19.8	18.8	15.4	2.2	1.1	1.1	3.5	—	2.4	1.3	...	266
\$50 to \$74	73.5	—	6.8	18.6	8.2	9.2	8.9	4.4	3.3	9.3	3.6	1.2	...	434
\$75 to \$99	86.8	—	6.0	12.1	19.1	2.2	7.4	6.1	7.9	17.3	6.2	2.4	...	553
\$100 to \$149	188.5	—	—	33.1	36.5	23.4	14.5	12.4	8.8	20.2	36.1	3.3	...	508
\$150 to \$199	225.2	—	1.1	6.1	47.5	27.8	15.5	12.8	12.4	42.7	48.5	10.9	...	715
\$200 or more	606.8	—	—	2.4	31.2	83.9	72.6	26.1	26.1	44.5	164.7	155.2	...	1 050
Median	187	...	31	75	141	200+	200+	177	178	171	200+	200+	...	...
Purchase Price														
Home purchased or built	1 245.7	8.1	48.9	89.9	155.8	149.3	121.3	58.5	57.3	135.4	252.4	168.9	...	685
Less than \$10,000	108.5	7.0	20.0	21.0	26.5	14.9	4.5	1.1	4.5	1.5	3.9	3.6	...	324
\$10,000 to \$19,999	151.1	—	5.4	26.0	40.3	50.0	11.2	7.7	1.1	2.2	2.3	4.8	...	408
\$20,000 to \$29,999	105.2	—	3.6	11.3	29.5	25.2	14.4	10.9	2.2	4.6	3.5	—	...	433
\$30,000 to \$39,999	56.3	—	3.2	1.1	5.4	6.9	19.6	3.2	4.3	7.2	2.1	3.3	...	559
\$40,000 to \$49,999	59.9	—	5.6	4.4	7.7	6.9	8.2	5.5	6.1	8.0	6.8	1.0	...	567
\$50,000 to \$59,999	70.3	—	—	4.3	11.7	9.3	7.9	9.9	9.9	9.3	10.1	1.0	...	639
\$60,000 to \$69,999	52.4	—	—	1.1	2.4	4.5	4.7	2.0	5.9	16.3	8.7	6.9	...	869
\$70,000 to \$79,999	70.2	—	—	2.2	1.1	2.1	3.9	3.0	3.3	26.6	18.2	9.7	...	946
\$80,000 to \$99,999	103.4	—	—	—	6.7	6.8	7.0	8.3	2.3	23.2	38.9	10.1	...	977
\$100,000 to \$119,999	92.8	—	1.1	2.2	9.7	4.5	6.9	—	3.5	16.8	44.9	3.3	...	1 020
\$120,000 to \$149,999	101.7	—	1.3	2.4	1.3	3.2	7.3	4.5	1.1	2.7	57.3	20.5	...	1 235
\$150,000 to \$199,999	86.1	—	—	—	2.2	3.3	7.0	3.2	2.4	5.6	33.4	29.0	...	1 290
\$200,000 to \$249,999	52.5	—	—	—	1.1	—	—	—	3.4	2.3	4.6	37.6	...	1500+
\$250,000 to \$299,999	16.0	—	—	—	—	—	—	—	—	—	—	16.0	...	...
\$300,000 or more	17.7	—	—	—	—	—	—	—	2.4	—	—	11.6	...	...
Not reported	101.6	1.1	7.7	12.6	17.7	9.1	13.8	1.1	4.8	9.2	14.0	10.4	...	519
Median	63 949	...	11 126	16 784	20 765	22 025	44 840	50 449	58 033	75 307	110 996	175 894	...	...
Received as inheritance or gift	44.0	1.1	4.5	11.5	9.3	6.4	1.1	2.3	2.1	1.1	3.5	1.0	...	353
Not reported	44.4	—	3.7	5.8	5.7	3.8	2.3	3.3	3.7	1.2	8.3	6.6	...	628

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	Median excluding no cash rent
RENTER OCCUPIED UNITS														
Total	540.5	4.1	22.4	9.4	32.6	56.5	94.6	89.4	85.0	62.5	43.7	13.9	...	642
Rent Reductions														
No subsidy	468.8	1.0	11.1	6.0	27.0	53.2	86.8	84.8	72.6	59.0	35.8	10.2	...	646
Rent control	5.6	—	—	—	—	1.0	1.2	—	1.0	1.0	—	1.5	...	...
No rent control	460.6	1.0	11.1	6.0	27.0	52.2	85.6	84.8	71.6	58.0	33.2	8.7	21.4	643
Reduced by owner	19.9	—	—	—	—	2.3	—	1.1	3.2	1.1	—	—	12.2	...
Not reduced by owner	440.7	1.0	11.1	6.0	27.0	49.9	85.6	83.7	68.5	56.9	33.2	8.7	9.2	642
Owner reduction not reported	—	—	—	—	—	—	—	—	—	—	—	—	—	...
Rent control not reported	2.6	—	—	—	—	—	—	—	—	—	2.6	—	—	...
Owned by public housing authority	18.8	3.1	4.5	2.4	2.5	1.3	—	1.2	—	1.2	—	1.2	1.2	...
Government subsidy	21.4	—	4.7	1.0	3.2	1.0	1.3	2.3	3.2	—	—	1.2	3.7	...
Other, income verification	20.4	—	1.0	—	—	—	6.6	1.1	5.9	2.3	3.4	—	—	...
Subsidy not reported	11.2	—	1.1	—	—	1.0	—	—	3.3	—	4.5	1.2	—	...

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

Table 2-23. Units in Structure by Selected Characteristics—Occupied Units

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

Characteristics	Total	1, detached	1, attached	Multiunit						Mobile homes
				Total	2 to 4	5 to 9	10 to 19	20 to 49	50 or more	
Total	1 874.6	863.3	670.4	327.5	141.1	54.5	56.1	23.1	52.6	13.4
Race and Origin										
White	1 429.4	782.0	407.1	226.9	96.0	35.7	43.7	14.1	37.4	13.4
Non-Hispanic	1 386.9	773.7	378.9	221.0	94.2	33.9	41.3	14.1	37.4	13.4
Hispanic	42.5	8.3	28.3	5.9	1.8	1.9	2.3	—	—	—
Black	341.5	55.3	214.2	72.0	30.6	15.2	10.2	4.9	11.1	—
American Indian, Eskimo, and Aleut	5.9	1.4	3.3	1.2	—	—	—	—	—	—
Asian and Pacific Islander	51.8	17.7	20.0	14.1	5.7	1.1	1.1	2.0	4.1	—
Other	46.0	7.0	25.8	13.3	7.6	2.4	1.2	2.1	—	—
Total Hispanic	79.1	13.9	51.6	13.7	6.0	3.0	3.5	1.1	—	—
Cooperatives and Condominiums										
Cooperatives	4.8	—	4.8	—	—	—	—	—	—	—
Condominiums	85.0	5.5	45.6	33.8	8.0	7.1	8.4	1.4	8.9	—
Year Structure Built¹										
2000 to 2004	—	—	—	—	—	—	—	—	—	—
1995 to 1999	74.2	50.8	20.5	2.9	1.8	1.2	—	—	—	—
1990 to 1994	113.6	74.4	33.6	5.6	4.4	—	.1	—	1.1	—
1985 to 1989	89.6	45.9	35.9	5.6	3.2	1.3	1.2	—	—	2.1
1980 to 1984	76.2	42.0	12.9	18.3	8.1	1.3	1.0	2.3	5.6	3.0
1975 to 1979	108.1	51.9	27.4	24.7	6.3	4.1	8.8	2.1	3.4	4.2
1970 to 1974	112.0	48.8	27.5	32.9	6.4	5.5	9.0	4.6	7.3	2.8
1960 to 1969	267.0	144.7	52.1	69.0	16.1	5.9	20.0	9.4	17.6	1.2
1950 to 1959	266.9	165.4	79.9	21.7	9.0	3.7	2.3	1.1	5.7	—
1940 to 1949	159.1	56.5	73.8	28.9	11.8	7.4	3.5	1.4	4.8	—
1930 to 1939	135.5	34.8	71.2	29.5	16.4	8.2	2.4	—	2.4	—
1920 to 1929	179.8	55.3	91.8	32.7	22.1	2.5	2.2	1.2	4.6	—
1919 or earlier	292.5	92.8	143.9	55.8	35.6	13.6	5.6	1.0	—	—
Median	1956	1962	1944	1958	1938	1944	1966	...	1965	...
Rooms										
1 room	2.4	—	2.4	—	—	—	—	—	—	—
2 rooms	15.4	1.1	2.3	12.0	2.3	3.8	2.3	—	3.7	—
3 rooms	143.8	3.6	30.8	109.4	39.5	20.3	22.4	10.9	16.3	—
4 rooms	242.1	42.5	72.7	121.6	57.3	15.0	26.9	6.6	15.8	5.2
5 rooms	316.2	115.5	130.5	63.5	30.8	11.4	4.5	4.3	12.5	6.8
6 rooms	479.5	183.3	279.2	15.6	8.2	4.1	—	—	3.3	1.4
7 rooms	264.9	171.3	91.2	2.3	—	—	—	—	1.1	—
8 rooms	222.8	176.0	45.0	1.8	1.8	—	—	1.2	—	—
9 rooms	125.6	117.8	6.5	1.3	1.3	—	—	—	—	—
10 rooms or more	61.9	52.1	9.8	—	—	—	—	—	—	—
Bedrooms										
None	12.3	2.4	3.6	6.2	—	3.8	—	—	2.4	—
1	220.3	10.6	52.8	157.0	65.0	25.9	30.2	11.9	24.0	—
2	413.2	104.4	157.4	142.2	62.2	21.1	25.9	10.0	23.0	9.2
3	759.8	370.2	369.0	16.5	11.5	2.9	—	—	2.1	4.2
4 or more	469.0	375.8	87.6	5.6	2.4	.9	—	1.2	1.1	—
Complete Bathrooms										
None	4.4	1.1	3.3	—	—	—	—	—	—	—
1	829.3	201.2	352.1	265.2	124.1	43.0	47.1	17.6	33.4	10.8
1 and one-half	407.1	205.1	180.2	21.8	9.5	4.8	1.2	2.2	4.1	—
2 or more	633.8	455.9	134.7	40.5	7.5	6.7	7.8	3.4	15.1	2.6
Square Footage of Unit										
Single detached and mobile homes	876.7	863.3	...	...	...	...	...	...	...	13.4
Less than 500	12.1	10.7	...	...	...	...	...	...	...	1.5
500 to 749	10.9	7.1	...	...	...	...	...	...	...	3.8
750 to 999	35.8	31.6	...	...	...	...	...	...	...	4.3
1,000 to 1,499	88.5	87.4	...	...	...	...	...	...	...	1.1
1,500 to 1,999	145.0	145.0	...	...	...	...	...	...	...	—
2,000 to 2,499	139.9	138.7	...	...	...	...	...	...	...	1.2
2,500 to 2,999	99.2	99.2	...	...	...	...	...	...	...	—
3,000 to 3,999	95.1	95.1	...	...	...	...	...	...	...	—
4,000 or more	64.8	64.8	...	...	...	...	...	...	...	—
Not reported	185.3	183.9	...	...	...	...	...	...	...	1.5
Median	2 191	2 209	...	...	...	...	...	...	...	...
Persons per Room										
0.50 or less	1 352.8	635.8	457.0	248.1	97.8	42.7	45.6	17.9	44.1	11.9
0.51 to 1.00	491.2	224.0	195.6	71.7	37.8	11.8	9.4	4.1	8.5	—
1.01 to 1.50	30.6	3.6	17.8	7.8	5.6	—	1.1	1.1	—	1.5
1.51 or more	—	—	—	—	—	—	—	—	—	—
Square Feet per Person										
Single detached and mobile homes	876.7	863.3	...	...	...	...	...	...	...	13.4
Less than 200	17.4	16.0	...	...	...	...	...	...	...	1.5
200 to 299	31.1	30.0	...	...	...	...	...	...	...	1.0
300 to 399	66.4	65.0	...	...	...	...	...	...	...	1.4
400 to 499	54.5	53.1	...	...	...	...	...	...	...	1.4
500 to 599	58.5	57.3	...	...	...	...	...	...	...	1.2
600 to 699	63.0	63.0	...	...	...	...	...	...	...	—
700 to 799	46.4	45.1	...	...	...	...	...	...	...	1.4
800 to 899	54.6	53.2	...	...	...	...	...	...	...	1.5
900 to 999	35.6	34.1	...	...	...	...	...	...	...	1.4
1,000 to 1,499	121.9	121.9	...	...	...	...	...	...	...	—
1,500 or more	142.0	140.8	...	...	...	...	...	...	...	1.2
Not reported	185.3	183.9	...	...	...	...	...	...	...	1.5
Median	815	819	...	...	...	...	...	...	...	...

Table 2-23. Units in Structure 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	1, detached	1, attached	Multiunit						Mobile homes
				Total	2 to 4	5 to 9	10 to 19	20 to 49	50 or more	
Equipment²										
Lacking complete kitchen facilities	27.6	3.3	7.7	16.6	5.8	4.6	2.3	2.0	1.9	–
With complete kitchen (sink, refrigerator, and oven or burners)	1 847.0	860.0	662.7	310.9	135.4	49.9	53.8	21.1	50.7	13.4
Kitchen sink	1 868.9	860.0	668.0	327.5	141.1	54.5	56.1	23.1	52.6	13.4
Refrigerator	1 869.1	862.3	668.2	325.3	141.1	53.3	56.1	22.1	52.6	13.4
Cooking stove or range	1 861.9	860.6	664.6	323.3	139.9	53.6	54.0	23.1	52.6	13.4
Burners, no stove or range	6.0	1.6	1.2	3.2	1.2	.9	1.1	–	–	–
Microwave oven only	2.5	–	1.4	1.0	–	–	1.0	–	–	–
Dishwasher	1 025.9	630.6	273.4	119.2	32.0	14.6	31.0	8.7	32.9	2.7
Washing machine	1 509.1	835.4	550.5	111.1	59.2	15.9	14.7	9.3	12.1	12.0
Clothes dryer	1 394.4	809.9	473.3	100.2	53.6	15.0	12.4	9.3	9.9	11.0
Disposal in kitchen sink	745.7	374.4	246.5	124.9	32.3	18.0	30.7	10.0	33.9	–
Trash compactor	53.0	27.9	12.2	12.9	4.4	4.9	27.9	1.0	–	–
Air conditioning:										
Central	860.3	501.8	238.2	112.2	26.3	15.5	27.6	10.6	32.2	8.1
Additional central	42.9	29.3	4.5	9.1	–	4.7	2.1	–	2.3	–
1 room unit	348.0	116.2	130.7	99.7	52.8	21.4	14.1	4.0	7.3	1.5
2 room units	327.2	100.9	155.4	68.4	40.0	4.5	10.0	8.6	5.2	2.6
3 room units or more	182.2	103.0	68.1	9.9	3.2	.9	–	–	5.7	1.2
Main Heating Equipment										
Warm-air furnace	1 009.8	498.1	350.9	148.7	60.5	26.3	23.1	12.4	26.3	12.1
Steam or hot water system	623.7	268.0	239.9	115.8	56.7	21.4	18.2	5.2	14.1	–
Electric heat pump	101.1	39.3	39.5	22.3	6.3	1.3	6.9	2.1	5.7	–
Built-in electric units	75.6	29.6	19.1	25.7	11.3	3.4	3.4	2.3	5.3	1.2
Floor, wall, or other built-in hot-air units without ducts	45.6	16.5	16.4	12.8	5.1	2.2	3.2	1.0	1.2	–
Room heaters with flue	8.3	3.6	2.4	2.3	1.0	–	1.3	–	–	–
Room heaters without flue	3.5	2.5	1.1	–	–	–	–	–	–	–
Portable electric heaters	1.1	1.1	–	–	–	–	–	–	–	–
Stoves	3.6	3.6	–	–	–	–	–	–	–	–
Fireplaces with inserts	–	–	–	–	–	–	–	–	–	–
Fireplaces without inserts	–	–	–	–	–	–	–	–	–	–
Other	2.3	1.2	1.1	–	–	–	–	–	–	–
Cooking stove	–	–	–	–	–	–	–	–	–	–
None	–	–	–	–	–	–	–	–	–	–
Plumbing										
With all plumbing facilities	1 846.7	847.9	662.6	322.9	140.0	52.0	55.1	23.1	52.6	13.4
Lacking some or all plumbing facilities ²	27.9	15.5	7.8	4.6	1.1	2.5	1.0	–	–	–
No hot piped water	1.1	1.1	–	–	–	–	–	–	–	–
No bathtub and no shower	1.1	1.1	–	–	–	–	–	–	–	–
No flush toilet	1.1	1.1	–	–	–	–	–	–	–	–
No exclusive use	26.8	14.4	7.8	4.6	1.1	2.5	1.0	–	–	–
Primary Source of Water										
Public system or private company	1 678.4	679.2	666.7	320.4	134.0	54.5	56.1	23.1	52.6	12.1
Well serving 1 to 5 units	191.6	180.6	2.6	7.2	7.2	–	–	–	–	1.2
Drilled	175.0	164.0	2.6	7.2	7.2	–	–	–	–	1.2
Dug	9.9	9.9	–	–	–	–	–	–	–	–
Not reported	6.7	6.7	–	–	–	–	–	–	–	–
Other	4.7	3.6	1.1	–	–	–	–	–	–	–
Units Using Each Fuel²										
Electricity	1 874.6	863.3	670.4	327.5	141.1	54.5	56.1	23.1	52.6	13.4
Piped gas	1 307.2	495.8	567.9	243.5	105.5	42.4	37.5	19.8	38.3	–
Bottled gas	99.8	70.7	14.5	2.4	1.4	–	1.0	–	–	12.1
Fuel oil	527.8	327.6	110.5	82.9	36.1	10.6	14.5	–	21.7	6.8
Kerosene or other liquid fuel	36.0	21.0	12.5	1.0	1.0	–	–	–	–	1.5
Coal or coke	1.2	1.2	–	–	–	–	–	–	–	–
Wood	123.3	107.3	13.6	2.4	1.1	1.3	–	–	–	–
Solar energy	–	–	–	–	–	–	–	–	–	–
Other	11.1	1.1	1.2	8.9	–	–	2.8	–	6.1	–
All electric units	182.1	71.2	51.7	58.0	19.3	12.2	12.2	3.4	11.0	1.2
Selected Amenities²										
Porch, deck, balcony, or patio	1 389.7	753.9	451.9	173.1	80.9	24.7	31.7	9.0	26.8	10.8
Telephone available	1 737.3	825.0	604.9	295.1	129.8	49.6	48.2	20.5	47.0	12.3
Usable fireplace	535.7	426.3	87.8	20.2	8.6	5.9	4.6	–	1.1	1.4
Separate dining room	1 241.6	664.4	472.6	100.7	47.8	17.2	6.8	6.5	22.4	3.9
With 2 or more living rooms or recreation rooms, etc.	604.6	484.6	104.5	14.1	8.4	2.4	3.2	–	–	1.4
Garage or carport included with home	839.1	607.5	194.0	36.3	27.7	–	2.7	2.5	3.5	1.4
Not included	1 033.1	255.9	474.1	291.2	113.4	54.5	53.5	20.6	49.1	12.0
Off-street parking included	619.7	210.1	194.7	204.0	71.6	27.2	51.2	14.3	39.7	10.9
Off-street parking not reported	1.2	–	–	1.2	–	–	–	–	1.2	–
Garage or carport not reported	2.3	–	2.3	–	–	–	–	–	–	–
Selected Deficiencies²										
Signs of rats in last 3 months	15.3	3.6	8.2	3.5	1.1	1.2	1.3	–	–	–
Signs of mice in last 3 months	226.6	64.2	124.7	36.3	18.4	8.8	2.3	3.3	3.5	1.4
Signs of rodents, not sure which kind in last 3 months	5.8	3.6	1.1	1.1	1.1	–	–	–	–	–
Holes in floors	29.8	13.7	8.9	6.1	3.9	2.2	–	–	–	1.0
Open cracks or holes (interior)	136.7	48.9	56.6	31.2	14.9	8.0	5.0	1.1	2.2	–
Broken plaster or peeling paint (interior)	85.5	26.0	38.7	20.8	6.9	3.4	4.8	3.5	2.2	–
No electrical wiring	–	–	–	–	–	–	–	–	–	–
Exposed wiring	8.1	2.3	3.5	2.4	–	–	1.4	–	1.0	–
Rooms without electric outlets	31.5	7.7	17.8	6.0	1.1	2.4	2.5	–	–	–

Table 2-23. Units in Structure 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	1, detached	1, attached	Multiunit						Mobile homes
				Total	2 to 4	5 to 9	10 to 19	20 to 49	50 or more	
Selected Physical Problems										
Severe physical problems ²	49.6	22.5	15.8	11.3	2.2	3.7	1.0	1.0	3.3	—
Plumbing	27.9	15.5	7.8	4.6	1.1	2.5	1.0	—	—	—
Heating	20.5	7.0	8.0	5.5	1.2	—	—	1.0	3.3	—
Electric	—	—	—	—	—	—	—	—	—	—
Upkeep	2.5	1.3	—	1.2	—	1.2	—	—	—	—
Hallways	—	—	—	—	—	—	—	—	—	—
Moderate physical problems ²	75.3	16.1	33.9	24.3	9.5	5.7	6.2	1.0	1.9	1.0
Plumbing	1.3	—	1.2	.1	—	—	.1	—	—	—
Heating	3.5	2.5	1.1	—	—	—	—	—	—	—
Upkeep	46.1	12.4	23.9	8.7	2.7	2.3	3.8	—	—	1.0
Hallways	1.1	—	—	1.1	1.1	—	—	—	—	—
Kitchen	24.3	2.2	7.7	14.4	5.8	3.4	2.3	1.0	1.9	—
Persons										
1 person	493.5	146.6	172.3	169.0	68.5	29.4	32.1	9.8	29.2	5.5
2 persons	556.8	256.5	199.7	94.3	35.2	15.9	16.0	8.8	18.4	6.4
3 persons	314.7	166.7	110.1	37.9	19.8	7.4	3.3	2.3	5.0	—
4 persons	275.4	166.4	95.0	14.1	8.3	—	3.7	2.2	—	—
5 persons	156.6	84.8	65.3	6.5	3.7	1.8	1.1	—	—	—
6 persons	58.0	34.6	17.5	4.4	4.4	—	—	—	—	1.5
7 persons or more	19.5	7.7	10.6	1.3	1.3	—	—	—	—	—
Persons 65 Years Old and Over										
None	1 398.9	633.2	495.8	257.7	118.3	45.9	42.5	21.1	30.0	12.2
1 person	316.5	139.4	121.3	55.8	21.7	6.1	8.8	2.1	17.1	—
2 persons or more	159.1	90.7	53.3	14.0	1.1	2.5	4.9	—	5.6	1.1
Age of Householder										
Under 25 years	78.7	12.4	27.9	38.4	16.4	9.4	4.5	4.4	3.7	—
25 to 29	135.7	28.2	59.2	46.8	21.7	7.3	4.6	4.3	8.9	1.5
30 to 34	160.1	56.3	63.5	40.3	18.8	7.8	9.1	1.0	3.5	—
35 to 44	436.3	229.7	147.7	55.1	25.7	3.2	12.3	7.2	6.8	3.7
45 to 54	397.8	216.3	130.8	49.3	22.1	12.3	7.3	3.2	4.4	1.4
55 to 64	259.7	128.4	96.9	28.9	13.6	5.9	4.6	1.0	3.8	5.6
65 to 74	219.0	106.4	78.4	34.1	14.9	6.2	6.6	—	6.4	.1
75 years and over	187.3	85.7	65.9	34.7	7.9	2.5	7.1	2.1	15.1	1.1
Median	48	50	48	42	40	44	43	...	53	...
Household Composition by Age of Householder										
2-or-more-person households	1 381.1	716.7	498.0	158.5	72.6	25.1	24.1	13.3	23.4	7.9
Married-couple families, no nonrelatives	922.5	567.6	282.8	66.8	34.8	9.0	12.1	4.2	6.7	5.3
Under 25 years	16.7	6.6	7.8	2.2	1.1	—	1.2	—	—	—
25 to 29 years	55.8	17.2	26.3	12.4	6.8	1.3	1.1	2.1	1.1	—
30 to 34 years	81.5	37.6	36.4	7.5	4.1	.9	1.4	1.0	—	—
35 to 44 years	248.5	167.8	65.1	14.1	11.5	—	1.4	—	1.2	1.5
45 to 64 years	354.7	243.2	95.1	13.6	6.3	3.2	2.1	1.0	1.1	2.8
65 years and over	165.3	95.1	52.1	16.9	5.0	3.7	4.9	—	3.4	1.1
Other male householder	154.0	52.8	60.4	38.3	13.8	8.4	3.4	4.4	8.4	2.5
Under 45 years	92.1	29.0	34.8	25.8	9.1	5.9	2.3	2.2	6.2	2.5
45 to 64 years	44.6	18.2	17.1	9.3	3.6	2.5	1.1	2.2	—	—
65 years and over	17.2	5.6	8.4	3.2	1.1	—	—	—	2.1	—
Other female householder	304.6	96.3	154.9	53.4	24.0	7.8	8.6	4.7	8.3	—
Under 45 years	157.4	33.5	81.7	42.3	18.8	6.5	7.5	4.7	4.7	—
45 to 64 years	91.0	37.7	45.4	7.9	4.2	1.3	—	—	2.5	—
65 years and over	56.2	25.1	27.9	3.2	1.0	—	1.1	—	1.1	—
1-person households	493.5	146.6	172.3	169.0	68.5	29.4	32.1	9.8	29.2	5.5
Male householder	176.7	51.1	55.7	69.9	31.5	17.5	9.5	4.6	6.8	—
Under 45 years	70.9	13.6	18.4	38.9	15.8	9.4	6.4	3.5	3.8	—
45 to 64 years	67.0	19.9	27.4	19.8	11.3	5.5	2.0	—	1.0	—
65 years and over	38.7	17.6	9.9	11.2	4.4	2.6	1.0	1.1	2.0	—
Female householder	316.8	95.5	116.7	99.1	37.0	11.9	22.6	5.3	22.3	5.5
Under 45 years	87.8	21.2	28.0	37.4	15.4	3.8	9.1	3.3	5.8	1.2
45 to 64 years	100.0	25.7	42.7	27.5	10.4	5.8	6.7	1.0	3.6	4.2
65 years and over	128.9	48.7	46.0	34.2	11.2	2.3	6.7	1.0	12.9	—
Household Income										
Less than \$5,000	111.4	29.9	51.7	28.7	8.6	8.2	5.1	3.6	3.2	1.1
\$5,000 to \$9,999	107.1	28.3	51.9	25.4	6.9	8.2	3.5	1.0	5.9	1.5
\$10,000 to \$14,999	118.0	21.2	57.5	36.5	12.4	5.5	7.9	2.0	8.8	2.8
\$15,000 to \$19,999	126.6	38.6	57.9	30.1	12.4	5.6	7.7	1.0	3.4	—
\$20,000 to \$24,999	105.6	34.9	49.5	18.5	12.0	2.3	2.3	1.0	1.0	2.6
\$25,000 to \$29,999	107.9	46.6	36.7	24.7	14.6	4.4	1.1	3.6	1.0	—
\$30,000 to \$34,999	127.6	37.5	46.0	44.1	21.9	4.6	7.6	1.1	8.9	—
\$35,000 to \$39,999	107.0	42.6	46.1	18.2	8.9	1.1	3.5	2.4	2.3	—
\$40,000 to \$49,999	184.4	88.5	66.5	28.0	11.2	6.5	6.9	1.0	2.4	1.4
\$50,000 to \$59,999	142.2	74.1	49.3	18.8	8.1	4.6	1.3	2.2	2.6	—
\$60,000 to \$79,999	249.8	120.1	84.7	43.9	19.3	3.6	7.0	3.3	10.7	1.0
\$80,000 to \$99,999	130.6	91.0	32.0	4.7	1.3	—	1.1	—	2.3	2.9
\$100,000 to \$119,999	103.8	79.4	22.2	2.2	1.1	—	1.1	—	—	—
\$120,000 or more	152.6	130.7	18.4	3.5	2.5	—	—	1.0	—	—
Median	41 415	58 581	33 263	29 958	30 868	19 849	30 333	...	31 661	...
As percent of poverty level:										
Less than 50 percent	129.0	32.8	64.9	30.2	10.1	8.2	5.1	3.6	3.2	1.1
50 to 99	119.5	31.4	58.7	27.9	9.9	6.5	3.4	1.0	7.1	1.5
100 to 149	137.4	39.1	64.9	31.9	9.5	8.9	8.0	1.0	4.5	1.4
150 to 199	149.7	50.9	68.6	28.8	11.1	4.7	4.5	3.1	5.3	1.4
200 percent or more	1 339.0	709.0	413.3	208.7	100.5	26.2	35.1	14.4	32.5	8.0

Table 2-23. Units in Structure 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	1, detached	1, attached	Multiunit						Mobile homes
				Total	2 to 4	5 to 9	10 to 19	20 to 49	50 or more	
Income of Families and Primary Individuals										
Less than \$5,000	116.5	29.9	54.1	31.3	11.2	8.2	5.1	3.6	3.2	1.1
\$5,000 to \$9,999	114.0	32.0	54.0	26.4	6.9	9.2	3.5	1.0	5.9	1.5
\$10,000 to \$14,999	122.3	23.3	56.2	40.0	13.7	6.4	7.9	3.1	8.8	2.8
\$15,000 to \$19,999	128.1	38.6	60.1	29.3	13.5	3.7	7.7	1.0	3.4	—
\$20,000 to \$24,999	107.7	35.0	47.1	22.9	15.3	2.3	3.3	1.0	1.0	2.6
\$25,000 to \$29,999	112.8	49.2	39.5	24.1	13.2	5.3	1.1	3.5	1.0	—
\$30,000 to \$34,999	119.1	31.5	47.0	40.5	18.3	4.6	7.6	1.1	8.9	—
\$35,000 to \$39,999	110.1	46.4	47.4	16.2	7.9	1.1	2.4	2.4	2.3	—
\$40,000 to \$49,999	184.0	89.2	64.8	28.6	13.6	5.6	6.9	—	2.4	1.4
\$50,000 to \$59,999	144.1	72.0	53.0	19.1	7.0	4.6	1.3	2.2	4.0	—
\$60,000 to \$79,999	232.7	116.4	76.6	38.6	15.4	3.6	7.0	3.3	9.4	1.0
\$80,000 to \$99,999	130.3	89.7	33.0	4.7	1.3	—	1.1	—	2.3	2.9
\$100,000 to \$119,999	100.4	79.4	18.9	2.2	1.1	—	1.1	—	—	—
\$120,000 or more	152.6	130.7	18.4	3.5	2.5	—	—	1.0	—	—
Median	40 375	57 843	32 551	27 862	28 749	19 772	27 383	...	31 661	...
Monthly Housing Costs										
Less than \$100	13.2	1.1	8.1	4.1	1.0	.9	—	—	2.2	—
\$100 to \$199	79.6	10.6	57.1	12.0	6.0	1.0	—	1.4	3.6	—
\$200 to \$249	49.5	13.8	34.6	1.1	—	—	—	—	1.1	—
\$250 to \$299	67.1	20.6	41.5	2.3	—	1.2	—	—	1.1	2.7
\$300 to \$349	95.8	29.2	57.2	8.4	4.7	2.5	1.2	—	—	1.0
\$350 to \$399	107.6	49.4	41.0	12.9	7.3	2.5	—	—	3.1	4.3
\$400 to \$449	91.7	45.0	32.8	12.5	5.5	5.9	—	—	1.1	1.4
\$450 to \$499	124.2	68.1	27.5	25.7	13.0	6.2	2.2	3.2	1.1	2.9
\$500 to \$599	219.4	98.3	61.3	59.9	28.2	7.4	15.5	4.6	4.2	—
\$600 to \$699	153.5	34.9	56.8	61.9	29.5	6.7	14.9	3.2	7.6	—
\$700 to \$799	148.0	39.1	56.9	52.0	23.0	6.9	12.5	2.1	7.5	—
\$800 to \$999	200.2	93.1	71.2	34.8	11.1	7.9	6.6	4.5	4.7	1.1
\$1,000 to \$1,249	186.8	105.7	58.9	22.2	5.1	3.5	2.2	3.2	8.1	—
\$1,250 to \$1,499	121.1	80.9	35.4	4.8	1.3	1.0	—	—	2.4	—
\$1,500 or more	190.4	162.2	17.2	10.9	4.2	.9	—	1.1	4.7	—
No cash rent	26.3	11.4	12.8	2.1	1.0	—	1.1	—	—	—
Median (excludes no cash rent)	649	834	547	639	615	595	658	...	716	...
Monthly Housing Costs as Percent of Current Income³										
Less than 5 percent	53.5	26.3	24.5	1.3	1.3	—	—	—	—	1.5
5 to 9 percent	246.7	137.8	90.0	16.4	7.2	2.5	2.1	2.4	2.2	2.5
10 to 14 percent	279.7	141.8	102.0	34.5	17.4	5.6	7.5	1.1	2.8	1.4
15 to 19 percent	293.3	150.4	88.4	53.3	23.8	7.0	6.9	4.5	11.0	1.2
20 to 24 percent	205.5	95.2	63.8	45.2	19.1	7.9	6.3	2.2	9.7	1.4
25 to 29 percent	169.4	78.3	62.0	29.2	13.0	4.5	5.7	—	6.0	—
30 to 34 percent	117.9	58.3	40.1	19.4	6.8	4.1	3.4	3.0	2.1	—
35 to 39 percent	86.9	35.2	26.7	23.7	11.5	4.5	3.2	—	4.4	1.4
40 to 49 percent	97.3	32.7	34.7	28.6	13.0	4.6	3.5	4.4	3.1	1.4
50 to 59 percent	64.7	26.6	30.3	7.6	5.5	1.1	1.1	—	—	—
60 to 69 percent	33.5	13.5	9.7	10.3	4.8	—	3.4	—	2.1	—
70 to 99 percent	57.4	13.4	29.8	12.8	4.3	.9	3.4	2.0	2.2	1.5
100 percent or more ⁴	95.7	30.8	36.8	27.0	6.1	7.1	4.5	3.6	5.7	1.1
Zero or negative income	46.7	11.7	18.8	16.2	6.3	4.6	4.0	—	1.2	—
No cash rent	26.3	11.4	12.8	2.1	1.0	—	1.1	—	—	—
Median (excludes 2 previous lines)	21	19	21	26	24	27	27	...	25	...
Median (excludes 3 lines before medians)	20	18	20	24	24	24	25	...	24	...

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

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

³Beginning with 1989 this item uses current income in its calculation, see Appendix A.

⁴May reflect a temporary situation, living off savings, or response error.

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 years	Mobile homes	Physical problems		Black	Hispanic	Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three
				Severe	Moderate								
Total	1 334.1	45.8	13.4	30.2	38.4	188.1	41.5	331.8	95.7	130.7	360.3	209.9	159.9
Tenure													
Owner occupied	1 334.1	45.8	13.4	30.2	38.4	188.1	41.5	331.8	95.7	130.7	360.3	209.9	159.9
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	1 084.9	45.8	13.4	20.3	23.8	...	21.6	272.5	72.7	85.2	191.1	202.0	139.2
Non-Hispanic	1 063.3	44.7	13.4	20.3	22.6	...	...	266.9	72.7	81.7	183.2	200.9	136.0
Hispanic	21.6	1.1	–	–	1.2	...	21.6	5.6	–	3.5	7.9	1.1	3.2
Black	188.1	–	–	5.5	9.9	188.1	2.2	55.0	15.3	33.1	135.8	3.3	15.4
American Indian, Eskimo, and Aleut	4.7	–	–	–	1.1	...	–	1.1	–	–	2.2	–	1.1
Asian and Pacific Islander	36.4	–	–	1.2	1.2	...	2.2	1.1	3.3	2.3	17.9	2.2	4.3
Other	20.0	–	–	3.3	2.3	...	15.5	2.2	4.4	10.0	13.4	2.3	–
Total Hispanic	41.5	1.1	–	2.2	3.6	2.2	41.5	10.0	3.3	13.5	22.4	2.2	3.2
Units in Structure													
1, detached	806.1	34.1	...	18.2	14.8	41.1	10.4	187.4	47.0	55.8	47.5	162.7	94.3
1, attached	468.3	11.7	...	12.1	21.3	141.1	29.3	124.2	38.8	67.7	295.6	35.4	58.3
2 to 4	25.3	–	...	–	1.2	4.7	1.8	6.5	6.3	2.3	7.3	7.4	4.3
5 to 9	8.3	–	...	–	–	1.2	–	3.8	1.2	1.2	6.1	–	1.0
10 to 19	4.7	–	...	–	–	–	–	2.3	–	–	2.5	–	–
20 to 49	1.4	–	...	–	–	–	–	–	1.4	–	–	–	–
50 or more	6.5	–	...	–	–	–	–	6.5	–	1.1	–	3.3	2.1
Mobile home or trailer	13.4	–	13.4	–	1.0	–	–	1.2	1.1	2.6	1.2	1.1	–
Cooperatives and Condominiums													
Cooperatives	1.2	–	–	–	–	–	–	–	–	1.2	1.2	–	–
Condominiums	59.2	2.2	–	2.3	1.1	3.3	2.1	21.9	10.7	2.1	15.5	5.5	6.3
Year Structure Built²													
2000 to 2004	–	–	–	–	–	–	–	–	–	–	–	–	–
1995 to 1999	69.0	45.8	–	–	–	1.3	1.1	13.2	14.2	3.5	–	12.4	2.1
1990 to 1994	96.3	...	–	1.0	3.6	8.8	1.1	20.4	11.0	9.7	6.9	15.4	12.3
1985 to 1989	76.5	...	2.1	2.3	2.1	3.3	3.7	10.0	4.2	3.3	10.4	13.5	4.2
1980 to 1984	57.3	...	3.0	1.1	–	1.2	–	6.7	6.0	4.7	–	11.3	2.2
1975 to 1979	75.0	...	4.2	1.1	1.1	3.2	.7	13.1	3.4	1.1	2.2	9.3	3.2
1970 to 1974	68.6	...	2.8	–	–	2.5	–	11.3	4.5	3.5	3.4	7.8	12.2
1960 to 1969	177.2	...	1.2	3.4	–	14.2	5.8	37.5	8.1	9.1	36.6	41.8	22.1
1950 to 1959	210.2	...	–	2.3	3.3	15.0	–	73.0	11.9	15.6	40.8	49.7	37.3
1940 to 1949	109.1	...	–	8.4	1.0	22.1	4.3	28.7	8.9	13.7	40.9	10.4	24.8
1930 to 1939	80.5	...	–	2.2	5.7	25.5	6.5	23.7	4.3	17.1	46.3	5.6	11.6
1920 to 1929	117.5	...	–	1.1	6.9	34.2	6.9	39.1	6.7	17.1	55.6	14.9	14.0
1919 or earlier	196.9	...	–	7.5	14.7	56.9	11.3	55.2	12.5	32.3	117.2	17.7	13.9
Median	1958	1995+	...	1945	1927	1931	1934	1953	1964	1939	1932	1962	1954

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 years	Mobile homes	Physical problems		Black	Hispanic	Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three
				Severe	Moderate								
Total	1 334.1	45.8	13.4	30.2	38.4	188.1	41.5	331.8	95.7	130.7	360.3	209.9	159.9
Stories in Structure²													
1	93.9	—	—	1.2	—	6.2	1.6	28.1	4.9	10.6	3.6	7.7	6.5
2	350.7	15.2	—	7.5	3.3	42.1	5.3	97.3	35.8	30.3	53.8	61.9	32.3
3	711.3	28.5	—	17.0	26.0	110.6	26.7	160.9	38.6	67.6	248.9	107.2	94.6
4 to 6	156.8	2.2	—	3.5	8.1	29.1	7.8	40.8	14.2	18.5	49.2	30.9	25.5
7 or more	8.1	—	—	1.1	—	—	—	3.6	1.1	1.2	3.7	1.1	1.0
Stories Between Main and Apartment Entrances													
Multiunits, 2 or more floors	42.8	—	—	—	1.2	6.0	1.8	18.0	8.9	4.6	14.7	9.6	7.4
None (on same floor)	19.4	—	—	—	—	3.7	1.8	8.1	2.5	2.2	6.3	2.4	3.1
1 (up or down)	9.6	—	—	—	1.2	1.0	—	2.1	3.9	1.2	1.2	3.9	2.1
2 or more (up or down)	13.8	—	—	—	—	1.2	—	7.8	2.4	1.2	7.2	3.3	2.2
Common Stairways													
Multiunits, 2 or more floors	42.8	—	—	—	1.2	6.0	1.8	18.0	8.9	4.6	14.7	9.6	7.4
No common stairways	3.6	—	—	—	—	1.1	—	1.2	2.5	—	1.1	—	—
With common stairways	39.2	—	—	—	1.2	4.9	1.8	16.8	6.3	4.6	13.6	9.6	7.4
No loose steps	35.8	—	—	—	1.2	3.7	1.8	14.5	6.3	3.4	11.3	9.6	7.4
Railings not loose	28.3	—	—	—	1.2	2.6	1.1	11.1	6.3	2.3	10.0	8.3	4.3
Railings loose	3.2	—	—	—	—	1.0	—	2.1	—	1.1	—	—	2.1
No railings	4.3	—	—	—	—	—	.7	1.3	—	—	—	1.3	1.0
Status of railings not reported	—	—	—	—	—	—	—	—	—	—	—	—	—
Loose steps	3.4	—	—	—	—	1.2	—	2.3	—	1.2	2.3	—	—
Railings not loose	2.3	—	—	—	—	1.2	—	2.3	—	1.2	2.3	—	—
Railings loose	1.1	—	—	—	—	—	—	—	—	—	—	—	—
No railings	—	—	—	—	—	—	—	—	—	—	—	—	—
Status of railings not reported	—	—	—	—	—	—	—	—	—	—	—	—	—
Status of stairways not reported	—	—	—	—	—	—	—	—	—	—	—	—	—
Light Fixtures in Public Halls													
2 or more units in structure	46.2	—	—	—	1.2	6.0	1.8	19.1	8.9	4.6	15.9	10.7	7.4
No public halls	7.7	—	—	—	—	1.2	.7	2.4	2.4	—	1.3	1.3	1.0
No light fixtures in public halls	2.5	—	—	—	—	—	—	1.2	1.4	—	—	—	—
All in working order	36.0	—	—	—	1.2	4.8	1.1	15.5	5.1	4.6	14.7	9.4	6.3
Some in working order	—	—	—	—	—	—	—	—	—	—	—	—	—
None in working order	—	—	—	—	—	—	—	—	—	—	—	—	—
Not reported	—	—	—	—	—	—	—	—	—	—	—	—	—
Elevator on Floor													
Multiunits, 2 or more floors	42.8	—	—	—	1.2	6.0	1.8	18.0	8.9	4.6	14.7	9.6	7.4
With 1 or more elevators working	9.3	—	—	—	—	—	—	5.4	2.6	—	—	7.2	1.0
With elevator, none in working condition	—	—	—	—	—	—	—	—	—	—	—	—	—
No elevator	33.5	—	—	—	1.2	6.0	1.8	12.6	6.3	4.6	14.7	2.4	6.3
Units 3 or more floors from main entrance	3.2	—	—	—	—	—	—	1.0	—	—	2.2	—	1.0
Foundation													
1 unit bldg. excl. mobile homes	1 274.5	45.8	—	30.2	36.1	182.2	39.7	311.6	85.7	123.6	343.2	198.1	152.6
With basement under all of building	816.9	31.9	—	19.8	26.8	148.9	31.6	217.4	54.6	99.2	296.6	120.7	113.4
With basement under part of building	239.4	8.7	—	5.5	9.3	17.1	3.3	35.5	19.6	12.0	34.3	42.2	30.2
With crawl space	65.0	—	—	1.8	—	1.2	—	20.0	3.1	5.4	—	16.0	5.6
On concrete slab	150.8	5.2	—	3.2	—	14.9	4.8	37.5	8.4	7.0	11.1	19.2	2.3
Other	2.4	—	—	—	—	—	—	1.2	—	—	1.2	—	1.2
External Building Conditions³													
Sagging roof	31.4	1.3	—	—	4.6	5.7	1.2	4.3	—	5.9	15.1	2.2	5.5
Missing roofing material	42.7	—	—	—	6.9	10.1	3.4	12.4	3.1	6.7	18.3	3.3	3.2
Hole in roof	26.5	—	—	—	6.0	7.9	2.5	4.6	—	7.2	15.2	1.1	1.1
Missing bricks, siding, other outside wall material	31.2	—	—	—	4.6	9.9	—	5.4	2.3	2.2	16.0	2.3	4.2
Sloping outside walls	21.1	—	—	—	—	3.3	—	4.7	—	1.2	3.4	2.3	2.2
Boarded up windows	4.8	—	—	—	1.1	1.1	—	2.2	1.1	—	2.2	4.8	—
Broken windows	49.6	—	—	—	1.0	3.2	4.4	7.0	3.3	5.4	9.9	9.3	5.5
Bars on windows	80.2	—	—	—	2.2	2.2	34.5	5.6	28.4	4.6	14.8	62.3	7.1
Foundation crumbling or has open crack or hole	25.8	—	—	—	1.0	2.5	5.6	2.2	2.0	3.5	10.5	4.5	2.1
None of the above	1 050.2	43.4	11.9	22.4	15.1	118.6	25.9	262.5	71.1	95.3	233.2	178.5	129.6
Not reported	57.3	1.1	1.5	3.5	7.5	16.2	2.1	11.9	9.9	5.7	27.3	5.9	9.5
Site Placement													
Mobile homes	13.4	—	13.4	—	1.0	—	—	1.2	1.1	2.6	1.2	1.1	—
First site	8.4	—	8.4	—	—	—	—	.1	—	1.5	1.2	—	—
Moved from another site	—	—	—	—	—	—	—	—	—	—	—	—	—
Don't know	5.0	—	5.0	—	1.0	—	—	1.1	1.1	1.1	—	1.1	—
Not reported	—	—	—	—	—	—	—	—	—	—	—	—	—
Previous Occupancy													
Unit built 1990 or later	165.3	45.8	—	1.0	3.6	10.1	2.2	33.6	25.3	13.2	6.9	27.8	14.4
Not previously occupied	100.9	40.0	—	1.0	—	2.5	—	21.2	9.6	9.3	3.5	19.6	2.5
Not reported	7.9	1.1	—	—	—	—	—	1.4	1.1	1.4	—	1.1	1.1

¹See back cover for details.

²Figures exclude mobile homes.

³Figures 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 years	Mobile homes	Physical problems		Black	Hispanic	Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three
				Severe	Moderate								
Total	1 334.1	45.8	13.4	30.2	38.4	188.1	41.5	331.8	95.7	130.7	360.3	209.9	159.9
Rooms													
1 room	1.2	—	—	—	—	—	—	—	—	1.2	1.2	—	—
2 rooms	1.1	—	—	1.1	—	—	—	—	1.1	—	—	—	—
3 rooms	6.2	—	—	—	1.2	—	—	3.6	1.4	2.6	1.2	1.1	—
4 rooms	77.3	—	5.2	3.3	3.5	8.0	4.5	19.5	14.1	10.7	30.6	6.8	7.5
5 rooms	210.3	10.4	6.8	7.8	3.3	23.7	6.9	66.2	15.3	28.2	54.2	34.5	24.1
6 rooms	404.5	4.8	1.4	10.3	13.4	86.5	15.7	112.2	25.2	52.6	165.6	39.5	56.5
7 rooms	243.9	8.1	—	5.3	5.4	30.5	3.8	66.7	17.7	14.6	61.0	38.3	37.7
8 rooms	209.4	14.3	—	—	5.8	25.3	5.3	31.8	9.4	12.9	29.9	40.3	18.4
9 rooms	123.2	7.8	—	2.4	2.3	5.9	4.2	16.4	9.2	5.8	4.5	32.6	12.0
10 rooms or more	57.1	.4	—	—	3.4	8.3	1.1	15.6	2.4	2.2	12.0	16.8	3.8
Rooms Used for Business													
Business only													
1 or more rooms with direct access	32.7	1.8	—	2.2	1.1	4.3	1.1	5.4	—	2.1	8.8	4.5	6.5
1 or more rooms, no direct access	69.5	2.6	1.5	—	1.2	11.1	2.2	7.6	5.3	1.1	15.7	16.1	12.1
Not reported	8.8	—	—	—	3.2	2.3	.7	1.1	2.5	1.2	5.9	—	1.0
Business and other use													
1 or more rooms	166.9	9.1	1.0	5.7	5.7	20.3	3.2	15.1	10.4	5.7	34.1	25.6	20.2
Not reported	7.6	—	—	—	3.2	1.1	.7	1.1	2.5	—	4.7	—	1.0
Bedrooms													
None	3.7	—	—	1.1	—	—	—	1.3	1.1	2.6	1.2	—	—
1	22.4	—	—	—	1.2	2.5	—	10.2	3.8	4.9	7.4	1.1	4.2
2	219.5	10.4	9.2	11.2	7.9	21.0	12.1	67.1	31.7	28.3	70.8	35.0	22.2
3	650.3	10.6	4.2	14.4	14.6	109.1	20.5	167.6	37.7	68.3	214.3	76.8	92.5
4 or more	438.2	24.8	—	3.5	14.7	55.6	8.9	85.7	21.5	26.7	66.7	96.9	41.1
Complete Bathrooms													
None	3.2	—	—	1.1	1.0	1.1	—	1.1	1.1	1.1	1.1	—	1.0
1	407.2	—	10.8	16.4	17.1	83.4	22.3	127.6	29.8	71.6	174.2	40.5	44.4
1 and one-half	345.7	2.8	—	7.5	10.1	50.8	5.5	84.6	20.4	33.7	109.7	52.6	52.8
2 or more	577.9	43.0	2.6	5.3	10.2	52.9	13.6	118.5	44.5	24.4	75.3	116.8	61.8
Square Footage of Unit													
Single detached and mobile homes													
Less than 500	819.5	34.1	13.4	18.2	15.9	41.1	10.4	188.5	48.1	58.4	48.8	163.8	94.3
500 to 749	10.9	—	1.5	3.9	—	1.1	—	1.1	1.1	1.1	1.1	2.2	1.0
750 to 999	10.9	—	3.8	—	1.0	—	—	2.3	1.5	2.4	2.4	1.1	—
1,000 to 1,499	33.5	—	4.3	—	—	—	—	10.2	—	7.4	—	4.4	1.1
1,500 to 1,999	82.6	—	1.1	3.6	3.6	3.6	1.1	29.8	5.5	7.0	4.4	17.7	9.7
2,000 to 2,499	131.8	6.3	—	3.0	1.1	6.3	2.8	28.6	11.5	6.7	6.9	25.6	11.8
2,500 to 2,999	137.7	2.9	1.2	2.1	3.3	3.4	1.1	24.7	5.7	2.6	7.2	34.4	26.2
3,000 to 3,999	98.2	8.5	—	1.1	—	3.5	2.2	18.9	7.9	1.2	1.2	21.9	13.5
4,000 or more	92.7	4.7	—	—	—	1.2	1.1	13.6	2.5	2.2	6.9	19.8	8.7
Not reported	57.1	4.6	—	1.0	2.4	3.5	—	13.7	2.2	4.6	6.0	16.1	3.2
Median	164.2	7.3	1.5	3.4	4.6	18.4	2.2	45.5	10.3	23.2	12.5	20.6	19.1
Lot Size²													
Less than one-eighth acre	333.1	6.8	2.5	8.8	13.3	84.9	22.6	102.1	17.9	53.4	181.1	31.6	44.5
One-eighth up to one-quarter acre	314.4	1.6	9.7	4.5	13.5	54.0	9.5	88.9	17.3	28.5	103.5	34.5	44.1
One-quarter up to one-half acre	207.0	16.8	—	3.3	1.2	15.8	2.2	43.9	20.9	10.7	20.8	47.2	18.2
One-half up to one acre	181.2	11.3	—	3.4	3.4	7.8	3.4	36.0	14.6	17.7	11.5	52.3	12.7
1 up to 5 acres	178.7	7.1	1.1	6.9	3.6	11.6	—	24.3	4.9	8.8	6.7	28.1	26.6
5 up to 10 acres	11.8	—	—	—	—	3.3	—	5.8	1.1	3.6	5.8	3.3	—
10 acres or more	23.3	—	—	1.1	1.1	2.7	—	2.4	3.3	1.1	7.0	—	2.1
Median .....	.24	.45	...	.30	.17	.14	.13	.20	.31	.17	.13	.42	.21
Persons per Room													
0.50 or less	979.1	31.5	11.9	20.5	27.1	144.6	24.4	300.0	73.1	103.3	261.7	164.1	123.7
0.51 to 1.00	337.2	14.3	—	9.7	10.1	41.1	16.0	29.4	22.7	22.7	89.1	43.4	35.2
1.01 to 1.50	17.8	—	1.5	—	1.2	2.5	1.1	2.5	—	4.8	9.5	2.4	1.0
1.51 or more	—	—	—	—	—	—	—	—	—	—	—	—	—
Persons per Bedroom													
0.50 or less	361.6	12.4	5.5	7.7	13.4	52.8	11.3	148.5	21.4	46.5	95.7	58.5	45.6
0.51 to 1.00	624.9	19.1	6.4	11.8	11.5	93.9	12.4	150.2	49.2	55.5	168.1	109.9	80.1
1.01 to 1.50	230.7	9.9	—	6.4	8.9	23.0	11.0	20.3	17.1	13.0	47.3	29.8	21.4
1.51 or more	113.2	4.5	1.5	3.4	4.6	18.4	6.8	11.4	6.9	13.3	48.0	11.7	12.8
No bedrooms	3.7	—	—	1.1	—	—	—	1.3	1.1	2.6	1.2	—	—
Square Feet per Person													
Single detached and mobile homes													
Less than 200	819.5	34.1	13.4	18.2	15.9	41.1	10.4	188.5	48.1	58.4	48.8	163.8	94.3
200 to 299	16.2	—	1.5	3.9	—	1.1	—	2.2	1.1	1.1	1.1	3.3	2.1
300 to 399	29.9	—	1.0	—	2.1	1.2	2.2	7.0	—	1.2	1.2	4.9	2.1
400 to 499	60.5	3.1	1.4	2.5	2.2	1.1	—	4.2	—	3.7	6.8	14.4	2.1
500 to 599	54.5	2.2	1.4	—	—	2.6	1.6	5.8	2.4	4.8	2.3	6.3	5.3
600 to 699	56.1	6.0	1.2	1.1	—	—	—	7.7	10.2	2.3	1.2	15.8	7.7
700 to 799	61.9	1.7	—	—	1.4	3.5	1.0	12.7	1.4	2.5	1.2	11.4	10.7
800 to 899	46.4	—	1.4	3.0	1.2	—	—	7.5	6.0	1.8	—	7.3	5.6
900 to 999	50.0	3.5	1.5	—	—	—	—	7.9	4.6	6.1	1.1	13.8	3.1
1,000 to 1,499	29.5	—	1.4	—	—	—	—	6.9	3.3	—	1.2	8.2	4.4
1,500 or more	119.2	7.4	—	2.2	2.1	2.3	1.1	33.6	4.6	4.9	2.3	31.0	14.9
Not reported	131.0	2.9	1.2	2.0	2.3	9.7	2.3	47.6	4.2	6.7	17.7	26.9	17.1
Median	164.2	7.3	1.5	3.4	4.6	18.4	2.2	45.5	10.3	23.2	12.5	20.6	19.1

¹See back cover for details.

²Does not include multiunits, cooperatives, or condominiums.

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 years	Mobile homes	Physical problems		Black	Hispanic	Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three
				Severe	Moderate								
Total	1 334.1	45.8	13.4	30.2	38.4	188.1	41.5	331.8	95.7	130.7	360.3	209.9	159.9
Equipment²													
Lacking complete kitchen facilities	11.2	—	—	1.1	10.1	2.2	1.2	1.1	3.3	2.3	6.7	—	1.0
With complete kitchen (sink, refrigerator, and oven or burners)	1 322.9	45.8	13.4	29.1	28.4	185.9	40.3	330.7	92.5	128.4	353.7	209.9	158.9
Kitchen sink	1 329.5	45.8	13.4	29.1	34.9	187.0	40.3	330.7	94.6	129.7	359.3	209.9	159.9
Refrigerator	1 330.8	45.8	13.4	29.1	36.2	188.1	41.5	331.8	93.6	130.7	358.2	209.9	159.9
Cooking stove or range	1 325.8	45.8	13.4	29.1	34.0	187.0	41.5	331.8	93.6	128.3	356.9	209.9	158.9
Burners, no stove or range	4.0	—	—	—	1.2	—	—	—	—	2.4	1.2	—	—
Microwave oven only	—	—	—	—	—	—	—	—	—	—	—	—	—
Dishwasher	848.4	45.8	2.7	14.3	11.2	51.6	9.8	179.0	63.6	37.9	125.4	161.4	114.6
Washing machine	1 263.0	45.8	12.0	28.1	30.7	160.7	32.7	302.4	85.4	111.7	326.2	200.6	152.5
Clothes dryer	1 189.5	45.8	11.0	24.8	23.6	129.6	23.4	267.7	85.2	95.7	281.0	199.5	144.0
Disposal in kitchen sink	577.8	32.1	—	6.9	3.2	35.4	7.6	112.3	50.0	29.4	135.3	108.0	48.8
Trash compactor	44.1	—	—	1.2	—	2.3	2.1	8.4	3.0	1.1	15.7	5.8	5.7
Air conditioning:													
Central	695.0	44.8	8.1	11.0	8.1	37.4	9.6	142.3	58.6	35.3	96.3	123.8	77.5
Additional central	36.0	—	—	—	—	1.1	—	4.7	—	1.1	7.0	4.8	3.7
1 room unit	186.8	—	1.5	8.9	11.8	39.7	11.4	63.4	9.0	39.4	72.4	24.9	20.3
2 room units	221.2	—	2.6	6.4	10.8	62.5	7.7	58.9	19.5	25.1	103.0	30.1	31.2
3 room units or more	158.2	1.0	1.2	1.1	3.2	22.5	6.1	40.9	4.2	10.8	57.1	20.3	24.6
Main Heating Equipment													
Warm-air furnace	741.8	40.0	12.1	18.1	16.6	95.4	15.1	185.7	60.2	70.3	173.2	99.4	91.0
Steam or hot water system	440.3	—	—	8.9	16.1	83.6	21.0	121.1	22.6	48.7	161.1	80.7	53.0
Electric heat pump	73.0	4.8	—	2.2	1.1	1.0	2.1	7.2	7.2	2.3	4.8	18.8	6.4
Built-in electric units	37.0	—	1.2	1.1	1.1	4.7	—	9.3	1.0	5.1	6.9	7.2	3.2
Floor, wall, or other built-in hot-air units without ducts	30.4	1.0	—	—	1.1	3.3	3.2	7.4	3.7	4.4	13.2	2.6	4.1
Room heaters with flue	3.5	—	—	—	—	—	—	—	1.1	—	—	—	1.1
Room heaters without flue	2.5	—	—	—	2.5	—	—	1.1	—	—	—	—	1.1
Portable electric heaters	1.1	—	—	—	—	—	—	—	—	—	—	—	—
Stoves	3.6	—	—	—	—	—	—	—	—	—	—	1.1	—
Fireplaces with inserts	—	—	—	—	—	—	—	—	—	—	—	—	—
Fireplaces without inserts	—	—	—	—	—	—	—	—	—	—	—	—	—
Other	1.1	—	—	—	—	—	—	—	—	—	1.1	—	—
Cooking stove	—	—	—	—	—	—	—	—	—	—	—	—	—
None	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Heating Equipment²													
Warm-air furnace	9.0	—	—	1.1	1.1	—	—	3.3	1.1	—	2.3	—	—
Steam or hot water system	7.0	—	—	1.1	—	—	—	1.1	—	—	1.1	1.3	1.3
Electric heat pump	5.8	—	—	1.1	—	—	—	2.3	—	—	1.2	—	1.1
Built-in electric units	39.9	—	—	1.1	—	2.2	3.2	2.2	1.1	1.1	7.0	10.3	3.5
Floor, wall, or other built-in hot-air units without ducts	3.4	—	—	1.1	1.1	—	—	1.1	—	—	—	—	—
Room heaters with flue	11.2	—	—	1.1	2.3	6.8	—	2.2	—	2.2	4.5	—	1.1
Room heaters without flue	31.0	—	—	—	2.2	8.9	—	2.2	—	4.7	6.8	4.5	—
Portable electric heaters	129.8	1.3	—	2.2	5.7	20.5	8.3	30.9	3.6	8.9	35.3	21.9	22.8
Stoves	61.3	—	—	2.2	2.4	3.6	—	6.0	1.0	2.4	3.4	21.4	3.1
Fireplaces with inserts	58.6	6.7	—	1.1	3.4	1.0	—	9.5	6.2	6.2	4.8	11.4	5.6
Fireplaces without inserts	25.9	—	—	—	—	1.1	2.1	3.5	1.1	1.1	5.9	4.7	5.6
Other	9.1	1.1	—	—	1.1	1.1	1.6	2.2	—	—	1.1	1.1	—
Cooking stove	10.6	—	—	—	1.1	—	—	1.1	—	—	3.5	3.6	—
None	1 020.9	36.6	13.4	25.8	26.0	153.2	32.2	272.1	78.4	108.4	302.2	147.8	121.8
Used as parallel heating equipment ²	45.9	—	—	—	3.3	5.8	1.6	9.0	1.1	2.4	6.9	8.1	—
Warm-air furnace	3.4	—	—	—	—	—	—	1.1	—	—	1.2	—	—
Steam or hot water system	2.2	—	—	—	—	—	—	1.1	—	—	1.1	—	—
Electric heat pump	—	—	—	—	—	—	—	—	—	—	—	—	—
Built-in electric units	12.1	—	—	—	—	—	—	1.1	1.1	—	—	4.8	—
Floor, wall, or other built-in hot-air units without ducts	1.1	—	—	—	1.1	—	—	1.1	—	—	—	—	—
Room heaters with flue	4.5	—	—	—	—	2.3	—	1.1	—	1.1	1.1	—	—
Room heaters without flue	12.9	—	—	—	—	1.4	—	2.4	—	1.4	1.1	2.2	—
Portable electric heaters	6.8	—	—	—	1.1	1.0	—	—	—	—	—	1.1	—
Fireplaces with inserts	1.3	—	—	—	—	—	—	—	—	—	1.3	—	—
Fireplaces with no inserts	—	—	—	—	—	—	—	—	—	—	—	—	—
Cooking stove	2.7	—	—	—	—	—	—	—	—	—	—	—	—
Other	—	—	—	—	1.1	1.1	1.6	1.1	—	—	1.1	—	—
Used as supplemental heating equipment ²	266.4	9.2	—	3.3	10.3	30.5	9.3	46.4	9.5	19.9	51.4	52.9	33.9
Warm-air furnace	2.3	—	—	—	—	—	—	1.1	1.1	—	1.1	—	—
Steam or hot water system	2.6	—	—	—	—	—	—	—	—	—	—	1.3	1.3
Electric heat pump	2.5	—	—	—	—	—	—	1.2	—	—	1.2	—	—
Built-in electric units	27.7	—	—	1.1	—	2.2	3.2	1.1	—	1.1	7.0	5.6	3.5
Floor, wall, or other built-in hot-air units without ducts	—	—	—	—	—	—	—	—	—	—	—	—	—
Room heaters with flue	3.4	—	—	—	2.3	2.3	—	1.1	—	—	2.3	—	1.1
Room heaters without flue	31.0	—	—	—	2.2	8.9	—	2.2	—	4.7	6.8	4.5	—
Portable electric heaters	129.8	1.3	—	2.2	5.7	20.5	8.3	30.9	3.6	8.9	35.3	21.9	22.8
Stoves	48.4	—	—	2.2	2.4	2.2	—	3.6	1.0	1.1	2.3	19.2	3.1
Fireplaces with inserts	38.4	6.7	—	1.1	1.2	—	—	3.9	2.8	6.2	2.4	5.8	3.5
Fireplaces with no inserts	24.6	—	—	—	—	1.1	2.1	3.5	1.1	1.1	4.7	4.7	5.6
Cooking stove	8.2	—	—	—	1.1	—	—	1.1	—	—	2.3	3.6	—
Other	6.4	1.1	—	—	—	—	—	1.1	—	—	—	1.1	—
Plumbing													
With all plumbing facilities	1 314.6	45.8	13.4	10.7	38.4	185.9	39.3	326.6	94.6	126.3	353.7	206.5	158.9
Lacking some or all plumbing facilities ²	19.5	—	—	19.5	—	2.2	2.2	5.2	1.1	4.4	6.7	3.4	1.0
No hot piped water	1.1	—	—	1.1	—	—	—	—	1.1	—	—	—	—
No bathtub and no shower	1.1	—	—	1.1	—	—	—	—	1.1	—	—	—	—
No flush toilet	1.1	—	—	1.1	—	—	—	—	1.1	—	—	—	—
No exclusive use	18.4	—	—	18.4	—	2.2	2.2	5.2	—	4.4	6.7	3.4	1.0

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 years	Mobile homes	Physical problems		Black	Hispanic	Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three
				Severe	Moderate								
Primary Source of Water													
Public system or private company	1 163.6	33.2	12.1	25.6	36.1	184.3	41.5	302.6	87.4	118.5	359.1	170.7	154.4
Well serving 1 to 5 units	167.1	12.6	1.2	3.5	2.3	3.8	—	29.3	6.0	12.3	1.2	38.1	5.6
Drilled	154.5	12.6	1.2	3.5	2.3	3.8	—	27.9	6.0	10.9	1.2	35.9	5.6
Dug	8.5	—	—	—	—	—	—	1.3	—	1.3	—	2.2	—
Not reported	4.0	—	—	—	—	—	—	—	—	—	—	—	—
Other	3.4	—	—	1.1	—	—	—	—	2.3	—	—	1.1	—
Safety of Primary Source of Water													
Selected primary water sources ³	1 334.1	45.8	13.4	30.2	38.4	188.1	41.5	331.8	95.7	130.7	360.3	209.9	159.9
Safe to drink	1 226.4	43.9	11.9	23.6	29.6	156.2	32.1	310.5	89.1	119.7	309.9	204.0	154.7
Not safe to drink	96.7	1.9	1.5	5.6	6.8	30.8	9.4	19.2	5.5	11.0	48.3	4.7	4.2
Safety not reported	11.0	—	—	1.1	2.1	1.1	—	2.1	1.2	—	2.2	1.1	1.0
Source of Drinking Water													
Primary source not safe to drink	96.7	1.9	1.5	5.6	6.8	30.8	9.4	19.2	5.5	11.0	48.3	4.7	4.2
Drinking and primary water source the same	28.8	—	—	3.3	2.2	7.6	5.4	5.5	1.1	6.5	15.5	1.1	1.0
Public or private system	28.8	—	—	3.3	2.2	7.6	5.4	5.5	1.1	6.5	15.5	1.1	1.0
Individual well	—	—	—	—	—	—	—	—	—	—	—	—	—
Spring	—	—	—	—	—	—	—	—	—	—	—	—	—
Cistern	—	—	—	—	—	—	—	—	—	—	—	—	—
Stream or lake	—	—	—	—	—	—	—	—	—	—	—	—	—
Other	—	—	—	—	—	—	—	—	—	—	—	—	—
Drinking and primary water source different	66.8	1.9	1.5	1.2	4.6	23.2	4.0	13.7	3.3	4.6	32.8	3.6	3.2
Public or private system	—	—	—	—	—	—	—	—	—	—	—	—	—
Individual well	1.2	—	—	—	—	—	—	1.2	—	1.2	—	1.2	—
Spring	18.4	—	—	1.2	1.1	8.9	—	3.3	3.3	2.2	15.9	—	—
Cistern	—	—	—	—	—	—	—	—	—	—	—	—	—
Stream or lake	—	—	—	—	—	—	—	—	—	—	—	—	—
Commercial bottled water	41.5	1.9	1.5	—	3.5	14.3	4.0	9.3	—	1.2	15.8	2.5	3.2
Other	5.8	—	—	—	—	—	—	—	—	—	1.1	—	—
Source of drinking water not reported	1.1	—	—	1.1	—	—	—	—	1.1	—	—	—	—
Means of Sewage Disposal													
Public sewer	1 160.0	37.4	7.9	23.4	32.5	184.4	41.5	307.6	92.1	120.1	358.0	184.7	145.8
Septic tank, cesspool, chemical toilet	173.0	8.4	5.5	5.8	5.9	3.7	—	24.3	2.6	10.6	2.3	25.2	14.1
Other	1.1	—	—	1.1	—	—	—	—	1.1	—	—	—	—

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 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 years	Mobile homes	Physical problems		Black	Hispanic	Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three
				Severe	Moderate								
Total	1 334.1	45.8	13.4	30.2	38.4	188.1	41.5	331.8	95.7	130.7	360.3	209.9	159.9
Main House Heating Fuel													
Housing units with heating fuel	1 334.1	45.8	13.4	30.2	38.4	188.1	41.5	331.8	95.7	130.7	360.3	209.9	159.9
Electricity	146.7	4.8	1.2	3.3	3.2	13.1	4.3	26.8	11.5	11.9	22.6	31.8	14.0
Piped gas	770.8	25.7	—	16.6	20.4	137.5	24.7	196.6	59.7	72.1	289.1	92.6	100.0
Bottled gas	48.4	11.5	5.3	1.1	3.4	5.4	2.3	7.3	5.7	8.3	4.5	8.2	3.3
Fuel oil	357.6	3.8	5.3	7.4	11.4	32.1	10.2	98.7	18.8	33.8	44.1	74.0	42.7
Kerosene or other liquid fuel	3.3	—	1.5	1.8	—	—	—	—	—	3.3	—	—	—
Coal or coke	—	—	—	—	—	—	—	—	—	—	—	—	—
Wood	7.2	—	—	—	—	—	—	2.5	—	1.4	—	3.3	—
Solar energy	—	—	—	—	—	—	—	—	—	—	—	—	—
Other	—	—	—	—	—	—	—	—	—	—	—	—	—
Other House Heating Fuels²													
With other heating fuel	305.7	9.2	—	3.3	11.4	33.8	9.3	58.6	14.0	22.3	55.9	62.1	37.1
Electricity	165.1	1.3	—	2.2	6.8	21.6	9.3	38.7	5.8	8.9	39.8	32.4	25.0
Piped gas	31.7	—	—	—	—	2.3	—	4.3	3.3	2.2	10.2	5.6	4.4
Bottled gas	6.9	4.7	—	1.1	1.1	—	—	1.1	—	3.5	—	—	—
Fuel oil	15.9	—	—	1.1	1.1	4.3	—	3.3	—	2.2	3.4	2.5	—
Kerosene or other liquid fuel	24.4	—	—	—	4.5	8.0	—	2.2	—	2.5	6.8	4.5	—
Coal or coke	1.2	—	—	—	—	—	—	—	—	—	—	—	—
Wood	114.2	3.2	—	2.2	4.7	5.7	2.1	14.6	5.0	5.1	7.0	26.3	12.3
Solar energy	—	—	—	—	—	—	—	—	—	—	—	—	—
Other	1.4	—	—	—	—	—	—	—	—	—	1.4	—	—
Cooking Fuel													
With cooking fuel	1 329.8	45.8	13.4	29.1	35.2	187.0	41.5	331.8	93.6	130.7	358.2	209.9	158.9
Electricity	625.0	23.3	2.3	10.6	11.4	33.8	9.9	140.0	38.3	45.1	50.6	145.0	76.4
Piped gas	652.9	19.0	—	14.6	20.4	149.9	29.4	186.7	49.3	80.2	303.2	56.8	81.3
Bottled gas	51.9	3.5	11.1	3.9	3.4	3.2	2.2	5.2	5.9	5.4	4.4	8.0	1.2
Kerosene or other liquid fuel	—	—	—	—	—	—	—	—	—	—	—	—	—
Coal or coke	—	—	—	—	—	—	—	—	—	—	—	—	—
Wood	—	—	—	—	—	—	—	—	—	—	—	—	—
Other	—	—	—	—	—	—	—	—	—	—	—	—	—
Water Heating Fuel													
With hot piped water	1 333.0	45.8	13.4	29.1	38.4	188.1	41.5	331.8	94.6	130.7	360.3	209.9	159.9
Electricity	305.6	9.6	9.4	8.1	4.3	23.3	6.2	57.2	28.7	20.3	22.7	65.7	40.0
Piped gas	814.2	27.2	—	17.7	24.8	156.1	30.8	216.8	53.6	87.0	322.9	91.5	100.7
Bottled gas	41.0	9.1	4.0	1.1	3.4	4.3	2.3	8.4	2.2	9.4	4.5	4.5	2.2
Fuel oil	170.9	—	—	2.2	5.9	4.3	2.2	48.1	10.1	12.7	10.3	48.2	17.1
Kerosene or other liquid fuel	—	—	—	—	—	—	—	—	—	—	—	—	—
Coal or coke	—	—	—	—	—	—	—	—	—	—	—	—	—
Wood	1.4	—	—	—	—	—	—	1.4	—	1.4	—	—	—
Solar energy	—	—	—	—	—	—	—	—	—	—	—	—	—
Other	—	—	—	—	—	—	—	—	—	—	—	—	—
Central Air Conditioning Fuel													
With central air conditioning	695.0	44.8	8.1	11.0	8.1	37.4	9.6	142.3	58.6	35.3	96.3	123.8	77.5
Electricity	627.8	40.3	8.1	9.7	6.7	31.7	7.6	123.0	54.0	30.2	79.8	113.3	63.3
Piped gas	61.7	4.5	—	1.3	1.4	5.7	2.1	17.0	4.6	5.1	16.5	8.2	14.2
Other	5.5	—	—	—	—	—	—	2.2	—	—	—	2.2	—
Other Central Air Fuel													
With other central air	36.0	—	—	—	—	1.1	—	4.7	—	1.1	7.0	4.8	3.7
Electricity	33.7	—	—	—	—	1.1	—	3.4	—	1.1	5.8	4.8	3.7
Gas	2.3	—	—	—	—	—	—	1.2	—	—	1.2	—	—
Other	—	—	—	—	—	—	—	—	—	—	—	—	—
Clothes Dryer Fuel													
With clothes dryer	1 189.5	45.8	11.0	24.8	23.6	129.6	23.4	267.7	85.2	95.7	281.0	199.5	144.0
Electricity	745.9	23.5	6.6	18.0	18.2	71.9	15.3	173.1	53.3	61.4	120.4	146.6	78.7
Piped gas	423.7	17.0	—	5.6	5.4	55.4	8.2	93.3	27.3	34.3	158.5	46.0	65.3
Other	19.8	5.3	4.3	1.1	—	2.2	—	1.4	4.6	—	2.2	6.9	—
Units Using Each Fuel²													
Electricity	1 334.1	45.8	13.4	30.2	38.4	188.1	41.5	331.8	95.7	130.7	360.3	209.9	159.9
Piped gas	904.9	28.2	—	17.7	24.8	173.6	37.0	243.6	67.8	95.0	341.1	101.9	121.5
Bottled gas	86.7	12.6	12.1	5.0	5.5	5.4	3.4	12.2	7.0	14.8	5.6	11.5	3.3
Fuel oil	395.0	3.8	6.8	7.4	13.6	39.0	10.2	111.1	21.0	38.6	53.6	80.7	44.8
Kerosene or other liquid fuel	27.6	—	1.5	1.8	4.5	8.0	—	2.2	—	5.8	6.8	4.5	—
Coal or coke	1.2	—	—	—	—	—	—	—	—	—	—	—	—
Wood	117.7	3.2	—	2.2	4.7	5.7	2.1	15.7	5.0	5.1	7.0	28.5	12.3
Solar energy	—	—	—	—	—	—	—	—	—	—	—	—	—
Other	3.6	—	—	—	—	—	—	2.2	—	—	1.4	2.2	—
All electric units	108.3	1.1	1.2	2.2	2.1	5.0	—	15.3	9.0	2.3	10.9	27.0	8.7

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 years	Mobile homes	Physical problems		Black	Hispanic	Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three
				Severe	Moderate								
Total	1 334.1	45.8	13.4	30.2	38.4	188.1	41.5	331.8	95.7	130.7	360.3	209.9	159.9
Water Supply Stoppage													
With hot and cold piped water	1 333.0	45.8	13.4	29.1	38.4	188.1	41.5	331.8	94.6	130.7	360.3	209.9	159.9
No stoppage in last 3 months	1 285.0	44.7	7.8	28.1	33.1	182.7	38.6	323.9	89.2	124.9	344.8	204.3	156.8
With stoppage in last 3 months	32.0	1.1	5.6	1.1	1.1	3.3	1.1	5.8	1.1	3.5	5.6	4.5	2.2
No stoppage lasting 6 hours or more	11.8	—	1.4	—	—	1.1	—	2.2	—	1.1	1.1	3.3	1.1
1 time lasting 6 hours or more	13.9	1.1	1.2	1.1	1.1	—	1.1	2.4	1.0	2.4	2.3	—	1.1
2 times	4.0	—	2.9	—	—	1.1	—	—	—	—	1.1	—	—
3 times	1.1	—	—	—	—	—	—	1.1	—	—	—	1.1	—
4 times or more	1.1	—	—	—	—	1.1	—	—	—	—	1.1	—	—
Number of times not reported	—	—	—	—	—	—	—	—	—	—	—	—	—
Stoppage not reported	16.0	—	—	—	4.3	2.2	1.8	2.2	4.4	2.3	9.9	1.1	1.0
Flush Toilet Breakdowns													
With one or more flush toilets	1 333.0	45.8	13.4	29.1	38.4	188.1	41.5	331.8	94.6	130.7	360.3	209.9	159.9
With at least one working toilet at all times in last 3 months	1 289.3	45.8	13.4	27.0	26.8	183.8	36.2	324.1	88.0	126.1	342.4	205.0	155.8
None working some time in last 3 months	26.4	—	—	2.1	6.1	3.3	2.3	4.3	2.2	3.4	7.9	3.7	3.1
No breakdowns lasting 6 hours or more	12.6	—	—	—	2.2	2.2	—	3.2	1.2	—	4.5	1.1	1.0
1 time lasting 6 hours or more	11.4	—	—	2.1	2.6	1.1	1.1	—	1.0	2.2	2.2	2.6	2.1
2 times	1.1	—	—	—	—	—	—	1.1	—	—	—	—	—
3 times	—	—	—	—	—	—	—	—	—	—	—	—	—
4 times or more	1.2	—	—	—	1.2	—	1.2	—	—	1.2	1.2	—	—
Number of times not reported	—	—	—	—	—	—	—	—	—	—	—	—	—
Breakdowns not reported	17.4	—	—	—	5.5	1.1	3.0	3.4	4.4	1.2	10.1	1.1	1.0
Sewage Disposal Breakdowns													
With public sewer	1 160.0	37.4	7.9	23.4	32.5	184.4	41.5	307.6	92.1	120.1	358.0	184.7	145.8
No breakdowns in last 3 months	1 144.6	37.4	7.9	23.4	30.4	180.0	41.5	305.4	90.9	117.7	353.5	183.6	141.7
With breakdowns in last 3 months	15.4	—	—	—	2.1	4.5	—	2.1	1.1	2.5	4.5	1.1	4.2
No breakdowns lasting 6 hours or more	3.2	—	—	—	1.0	—	—	—	—	1.2	1.2	—	1.0
1 time lasting 6 hours or more	11.1	—	—	—	1.1	3.4	—	1.1	1.1	1.2	3.3	1.1	3.1
2 times	—	—	—	—	—	—	—	—	—	—	—	—	—
3 times	—	—	—	—	—	—	—	—	—	—	—	—	—
4 times or more	1.0	—	—	—	—	1.0	—	1.0	—	—	—	—	—
With septic tank or cesspool	173.0	8.4	5.5	5.8	5.9	3.7	—	24.3	2.6	10.6	2.3	25.2	14.1
No breakdowns in last 3 months	166.6	8.4	5.5	5.8	5.9	3.7	—	24.3	1.3	10.6	2.3	25.2	12.9
With breakdowns in last 3 months	6.4	—	—	—	—	—	—	—	1.3	—	—	—	1.2
No breakdowns lasting 6 hours or more	3.7	—	—	—	—	—	—	—	—	—	—	—	1.2
1 time lasting 6 hours or more	2.7	—	—	—	—	—	—	—	1.3	—	—	—	—
2 times	—	—	—	—	—	—	—	—	—	—	—	—	—
3 times	—	—	—	—	—	—	—	—	—	—	—	—	—
4 times or more	—	—	—	—	—	—	—	—	—	—	—	—	—
Heating Problems													
With heating equipment and occupied last winter	1 267.8	37.6	12.2	30.2	37.3	175.1	39.3	328.5	29.4	128.6	345.9	193.4	155.6
Not uncomfortably cold for 24 hours or more last winter	1 158.0	36.0	10.8	16.1	26.2	147.5	32.9	306.3	22.5	112.0	298.6	183.3	141.8
Uncomfortably cold for 24 hours or more last winter ²	88.7	1.6	—	13.0	6.8	25.4	5.6	16.4	2.5	12.9	36.2	9.0	11.8
Equipment breakdowns	42.5	1.6	—	11.9	1.1	8.9	2.5	5.6	1.2	6.4	16.1	6.8	4.2
No breakdowns lasting 6 hours or more	2.2	—	—	—	—	1.1	—	—	—	—	1.1	—	—
1 time lasting 6 hours or more	23.3	1.6	—	1.3	1.1	3.4	2.5	3.4	1.2	2.5	8.3	5.7	2.1
2 times	6.4	—	—	—	—	1.1	—	—	—	—	1.1	—	2.1
3 times	6.5	—	—	4.5	—	2.2	—	—	—	—	3.4	—	—
4 times or more	6.2	—	—	6.2	—	1.1	—	2.2	—	4.0	2.2	1.1	—
Number of times not reported	—	—	—	—	—	—	—	—	—	—	—	—	—
Other causes	49.7	—	—	2.4	5.8	17.6	3.2	10.8	1.3	6.5	21.2	3.5	8.6
Utility interruption	15.2	—	—	1.3	—	3.3	—	4.4	1.3	—	4.4	3.5	2.3
Inadequate heating capacity	10.9	—	—	1.1	2.3	4.5	2.2	1.1	—	3.3	7.8	—	1.0
Inadequate insulation	5.8	—	—	—	1.2	2.3	—	—	—	—	2.5	—	1.1
Cost of heating	4.3	—	—	—	2.2	4.3	—	2.2	—	—	3.3	—	1.1
Other	13.4	—	—	—	—	3.2	1.0	3.1	—	3.2	3.3	—	3.1
Not reported	—	—	—	—	—	—	—	—	—	—	—	—	—
Reason for discomfort not reported	—	—	—	—	—	—	—	—	—	—	—	—	—
Discomfort not reported	21.0	—	1.5	1.1	4.3	2.2	.7	5.8	4.4	3.6	11.2	1.1	2.1
Electric Fuses and Circuit Breakers													
With electrical wiring	1 334.1	45.8	13.4	30.2	38.4	188.1	41.5	331.8	95.7	130.7	360.3	209.9	159.9
No fuses or breakers blown in last 3 months	1 121.4	35.3	9.1	27.9	27.3	152.2	33.6	301.2	78.6	118.6	304.0	180.6	136.4
With fuses or breakers blown in last 3 months	187.6	10.5	4.2	1.3	5.8	30.5	6.1	27.2	12.7	9.9	43.9	28.2	19.3
1 time	103.8	7.1	2.8	—	1.1	10.9	3.8	14.7	5.8	5.0	14.2	10.3	8.8
2 times	30.3	—	—	1.3	2.2	7.6	—	5.9	2.2	1.1	10.9	8.0	3.1
3 times	27.3	—	—	—	1.0	5.7	—	4.2	1.0	—	9.2	5.7	4.2
4 times or more	26.1	3.3	1.5	—	1.5	6.3	2.3	2.3	3.7	3.7	9.7	4.1	3.1
Number of times not reported	—	—	—	—	—	—	—	—	—	—	—	—	—
Problem not reported or don't know	25.2	—	—	1.1	5.4	5.5	1.8	3.4	4.4	2.3	12.4	1.1	4.2

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 years	Mobile homes	Physical problems		Black	Hispanic	Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three
				Severe	Moderate								
Total	1 334.1	45.8	13.4	30.2	38.4	188.1	41.5	331.8	95.7	130.7	360.3	209.9	159.9
Selected Amenities²													
Porch, deck, balcony, or patio	1 103.5	40.7	10.8	22.4	30.5	146.8	25.3	265.7	77.9	88.2	241.0	196.7	137.6
Telephone available	1 254.2	44.0	12.3	29.1	35.1	163.6	38.1	312.5	85.4	121.4	327.6	199.6	148.8
Usable fireplace	506.0	33.2	1.4	5.7	12.1	25.3	6.4	97.2	33.6	23.7	46.5	107.8	67.4
Separate dining room	1 052.3	39.4	3.9	23.7	32.4	161.3	35.4	266.7	72.9	105.6	295.9	167.4	140.2
With 2 or more living rooms or recreation rooms, etc.	559.7	27.2	1.4	6.8	6.7	28.7	9.8	108.5	38.4	20.8	60.0	119.5	57.3
Garage or carport included with home	771.8	41.9	1.4	14.6	12.7	63.9	13.3	170.5	51.4	53.5	121.0	146.3	103.0
Not included	560.0	3.9	12.0	15.6	24.6	123.1	28.2	161.3	44.4	76.0	237.0	63.6	56.9
Off-street parking included	336.0	3.9	10.9	4.5	7.8	38.2	7.0	90.2	30.9	23.8	50.6	49.9	50.5
Off-street parking not reported	—	—	—	—	—	—	—	—	—	—	—	—	—
Garage or carport not reported	2.3	—	—	—	1.1	1.1	—	—	—	1.2	2.3	—	—
Cars and Trucks Available²													
No cars, trucks, or vans	111.7	—	1.1	5.4	4.5	30.5	7.9	62.9	9.3	46.2	78.8	5.5	7.4
Other households without cars	85.7	—	3.0	1.1	4.9	6.7	6.1	8.2	5.8	7.3	16.8	9.0	9.7
1 car with or without trucks or vans	602.0	15.1	8.1	12.5	19.9	100.6	15.7	165.9	45.7	50.6	174.3	92.4	87.8
2 cars	425.6	27.2	1.2	8.9	7.0	42.4	10.8	81.8	33.8	24.1	77.0	80.8	43.8
3 or more cars	109.1	3.5	—	2.3	2.1	8.0	1.1	13.0	1.1	2.5	13.4	22.2	11.2
With cars, no trucks or vans	798.7	28.7	2.8	15.5	18.6	123.5	19.7	227.7	61.0	65.5	224.8	135.2	102.7
1 truck or van with or without cars	338.0	14.0	6.9	8.0	10.4	29.8	10.1	28.7	23.0	16.5	48.0	51.8	35.5
2 or more trucks or vans	85.7	3.1	2.5	1.3	4.9	4.4	3.8	12.6	2.4	2.5	8.7	17.4	14.4
Owner or Manager on Property													
Rental, multiunit ³ .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Owner or manager lives on property .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Neither owner nor manager lives on property .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Selected Deficiencies²													
Signs of rats in last 3 months	8.1	—	—	2.4	1.1	3.3	1.2	2.3	—	2.3	4.5	1.3	—
Signs of mice in last 3 months	136.7	1.1	1.4	8.6	10.5	57.3	7.9	31.2	6.9	21.4	76.5	10.6	10.9
Signs of rodents, not sure which kind in last 3 months	3.5	—	—	1.1	—	1.1	—	1.1	1.1	—	1.1	—	—
Holes in floors	17.8	1.9	1.0	—	6.6	1.1	1.1	4.6	1.9	1.1	5.6	1.1	1.1
Open cracks or holes (interior)	80.0	—	—	5.3	20.0	20.9	5.6	16.2	4.7	11.2	33.4	8.3	9.6
Broken plaster or peeling paint (interior)	52.5	—	—	1.3	21.4	20.9	2.3	13.5	2.1	5.5	26.8	6.2	8.6
No electrical wiring	—	—	—	—	—	—	—	—	—	—	—	—	—
Exposed wiring	4.4	—	—	—	1.1	—	—	—	1.1	—	3.4	—	1.0
Rooms without electric outlets	17.1	—	—	1.1	3.4	4.5	—	1.1	—	—	7.0	1.1	4.6
Water Leakage During Last 12 Months													
No leakage from inside structure	1 177.2	40.3	12.3	23.5	18.2	152.8	35.3	298.4	85.8	114.0	304.5	188.6	144.3
With leakage from inside structure ²	138.6	5.5	1.0	5.7	15.9	32.1	4.4	30.0	5.5	13.3	44.6	20.2	14.6
Fixtures backed up or overflowed	45.4	2.7	—	2.2	8.4	10.3	3.4	8.7	1.0	5.4	13.2	8.6	2.1
Pipes leaked	70.4	1.7	1.0	3.5	7.7	17.0	2.3	15.8	3.4	8.0	24.9	8.2	7.7
Broken water heater	6.8	1.1	—	—	1.1	—	—	—	—	—	1.1	1.2	1.3
Other or unknown (includes not reported)	23.7	—	—	1.1	3.3	7.0	—	5.5	1.1	1.1	7.8	2.2	4.6
Interior leakage not reported	18.3	—	—	1.1	4.3	3.3	1.8	3.4	4.4	3.4	11.2	1.1	1.0
No leakage from outside structure	968.7	29.1	12.3	20.5	13.9	127.3	29.7	257.3	66.6	100.8	254.5	149.7	108.3
With leakage from outside structure ²	348.1	16.7	1.1	8.6	20.2	58.6	10.0	71.1	24.7	27.6	95.7	59.1	50.6
Roof	122.9	7.9	1.0	2.3	8.8	34.5	5.8	31.6	10.7	15.0	54.0	15.3	7.4
Basement	188.8	6.7	—	3.4	7.7	18.6	3.5	27.5	13.2	11.3	36.0	36.5	36.8
Walls, closed windows, or doors	62.3	6.8	—	4.2	2.3	14.2	2.3	17.8	1.1	7.3	20.2	15.1	8.4
Other or unknown (includes not reported)	31.9	—	—	2.2	2.6	5.4	2.1	11.0	1.1	1.1	5.5	6.1	4.2
Exterior leakage not reported	17.2	—	—	1.1	4.3	2.2	1.8	3.4	4.4	2.3	10.1	1.1	1.0
Overall Opinion of Structure													
1 (worst)	1.0	—	—	—	—	1.0	—	—	—	—	—	—	1.0
2	3.4	—	—	1.1	—	—	1.2	2.3	—	2.3	2.3	1.1	—
3	3.3	—	—	—	—	—	—	2.2	—	2.2	2.2	1.1	—
4	6.0	—	1.5	—	—	—	—	—	—	—	1.1	1.1	—
5	55.2	—	2.8	1.2	—	—	—	—	—	—	—	—	—
6	64.7	—	—	—	2.6	14.7	1.1	11.4	4.4	5.4	21.5	4.9	13.2
7	149.3	3.3	1.4	3.4	2.3	27.8	5.7	24.4	5.6	10.7	45.8	15.2	10.6
8	350.0	8.2	4.8	9.7	11.3	53.4	8.9	59.8	34.0	22.0	101.6	69.7	38.2
9	220.7	13.5	—	2.2	3.4	23.6	8.6	59.7	10.6	26.8	45.9	44.6	30.7
10 (best)	424.5	19.7	1.4	9.1	5.8	39.9	11.0	148.7	27.4	41.7	90.8	62.9	50.5
Not reported	55.9	1.1	1.5	3.5	8.6	15.2	3.9	10.8	9.9	5.9	28.5	5.9	6.3
Selected Physical Problems													
Severe physical problems ²	30.2	—	—	30.2	...	5.5	2.2	7.4	1.1	8.4	11.1	5.8	1.0
Plumbing	19.5	—	—	19.5	...	2.2	2.2	5.2	1.1	4.4	6.7	3.4	1.0
Heating	10.6	—	—	10.6	...	3.3	—	2.2	—	4.0	5.6	1.1	—
Electric	—	—	—	—	...	—	—	—	—	—	—	—	—
Upkeep	1.3	—	—	1.3	...	—	—	—	—	—	—	1.3	—
Hallways	—	—	—	—	...	—	—	—	—	—	—	—	—
Moderate physical problems ²	38.4	—	1.0	...	38.4	9.9	3.6	10.0	2.2	5.7	19.1	2.6	6.3
Plumbing	1.2	—	—	...	1.2	—	1.2	—	—	1.2	—	—	—
Heating	2.5	—	—	...	2.5	—	—	1.1	—	—	—	—	1.1
Upkeep	25.7	—	1.0	...	25.7	8.9	1.1	7.7	—	3.3	12.3	2.6	4.2
Hallways	—	—	—	...	—	—	—	—	—	—	—	—	—
Kitchen	10.1	—	—	...	10.1	2.2	1.2	1.1	2.2	2.3	6.7	—	1.0

¹See back cover for details.

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

³Two or more units of any tenure in structure.

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 years	Mobile homes	Physical problems		Black	Hispanic	Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three
				Severe	Moderate								
Total	1 334.1	45.8	13.4	30.2	38.4	188.1	41.5	331.8	95.7	130.7	360.3	209.9	159.9
Overall Opinion of Neighborhood													
1 (worst)	8.0	—	—	1.1	—	2.1	2.2	1.2	1.1	1.1	—	—	1.0
2	15.1	—	—	1.1	2.3	2.3	3.6	3.4	3.5	7.1	11.6	—	—
3	18.3	—	—	2.2	1.1	8.1	—	5.8	—	2.5	12.6	—	—
4	29.1	—	1.5	1.1	2.3	14.2	1.2	7.3	1.2	4.8	19.9	1.1	1.0
5	88.5	—	—	2.2	5.3	17.8	3.3	19.6	3.3	10.3	31.3	6.9	14.1
6	69.0	—	1.5	1.1	2.6	9.8	2.2	13.3	2.2	8.8	28.2	9.3	10.6
7	167.1	3.8	3.8	—	3.5	36.6	5.0	32.6	12.4	13.9	46.0	15.7	17.2
8	322.9	10.2	3.9	5.4	6.0	34.8	8.3	65.5	24.4	26.8	82.9	69.5	39.3
9	206.3	14.2	—	2.3	2.3	21.3	3.3	50.0	16.1	15.1	36.0	36.9	24.9
10 (best)	348.4	16.6	1.2	10.2	4.4	24.8	8.7	118.9	20.4	33.4	56.4	64.6	44.4
No neighborhood	1.1	—	—	—	—	—	—	—	1.1	—	1.1	—	—
Not reported	60.3	1.1	1.5	3.5	8.6	16.2	2.8	14.2	9.9	6.9	29.8	5.9	7.4
Street Noise or Traffic													
Street noise or traffic present	419.3	9.4	3.0	12.4	19.4	102.6	17.3	118.4	23.2	58.3	176.3	65.4	54.9
Condition not bothersome	220.3	4.1	1.5	2.2	8.1	63.7	5.6	74.8	10.8	33.2	96.6	40.3	35.8
Condition bothersome	197.7	5.3	1.5	8.9	11.3	38.9	11.7	43.6	12.4	25.0	79.7	23.8	19.1
So bothered they want to move	84.2	—	1.5	5.7	3.4	19.6	5.6	19.6	3.3	14.2	42.6	9.7	1.0
Not reported	—	—	—	—	—	—	—	—	—	—	—	—	—
Bothersome not reported	1.3	—	—	1.3	—	—	—	—	—	—	—	1.3	—
Not reported	24.3	—	—	1.1	5.3	5.4	1.1	4.3	4.4	3.4	13.2	2.4	2.0
Neighborhood Crime													
Neighborhood crime present	233.1	—	2.4	9.0	17.6	76.9	14.9	60.8	12.0	37.9	145.9	13.5	19.5
Condition not bothersome	85.6	—	2.4	2.2	10.3	32.7	3.8	31.7	3.3	12.7	48.4	2.2	10.5
Condition bothersome	147.5	—	—	6.8	7.2	44.3	11.1	29.0	8.7	25.2	97.6	11.3	8.9
So bothered they want to move	75.2	—	—	6.8	4.6	28.9	6.8	14.9	3.7	16.5	55.1	2.6	5.8
Not reported	—	—	—	—	—	—	—	—	—	—	—	—	—
Bothersome not reported	—	—	—	—	—	—	—	—	—	—	—	—	—
Not reported	27.5	—	—	1.1	5.3	6.5	1.1	6.7	6.6	3.4	15.5	3.5	2.0
Odors													
Odors present	100.5	4.5	1.5	3.3	7.9	22.2	2.5	24.5	2.1	13.8	51.6	8.1	7.6
Condition not bothersome	34.5	1.1	—	1.1	5.6	7.6	—	7.6	1.1	3.4	17.9	1.1	5.6
Condition bothersome	66.0	3.4	1.5	2.2	2.3	14.6	2.5	16.9	1.0	10.4	33.7	7.0	2.1
So bothered they want to move	35.0	—	1.5	2.2	1.2	9.1	2.5	9.1	1.0	7.2	18.4	3.5	2.1
Not reported	—	—	—	—	—	—	—	—	—	—	—	—	—
Bothersome not reported	—	—	—	—	—	—	—	—	—	—	—	—	—
Not reported	23.0	—	—	1.1	5.3	5.4	1.1	4.3	4.4	3.4	13.2	2.4	2.0
Other Bothersome Neighborhood Conditions													
No other problems	1 087.4	45.8	13.3	25.7	22.5	134.0	36.4	279.3	84.4	110.6	268.1	178.7	129.1
With other problems ²	220.4	—	—	2.2	10.6	49.8	3.3	47.0	6.9	16.7	77.8	27.5	29.9
Noise	48.3	—	—	1.1	1.2	4.5	—	6.7	—	3.4	12.9	12.3	3.1
Litter or housing deterioration	49.7	—	—	1.1	2.5	16.9	—	13.5	2.3	4.4	27.5	4.4	3.1
Poor city or county services	13.4	—	—	1.1	1.2	5.6	—	2.2	—	2.4	7.8	2.2	—
Undesirable commercial, institutional, industrial	15.3	—	—	—	1.2	2.3	—	1.1	—	1.1	3.4	2.3	1.1
People	67.0	—	—	1.1	4.5	12.8	2.2	14.9	1.1	7.5	24.5	4.5	6.3
Other	97.9	—	—	1.1	4.9	22.3	1.2	19.3	3.5	3.4	30.5	10.6	20.5
No problem	3.3	—	—	—	—	1.1	—	—	—	1.2	1.1	—	1.0
Type of problem not reported	4.5	—	—	—	—	—	—	—	—	—	—	—	1.0
Other problems not reported	26.3	—	—	2.4	5.3	4.3	1.8	5.6	4.4	3.4	14.4	3.7	1.0
Public Elementary School²													
Households with children aged 4-16	401.9	15.5	2.5	5.6	17.0	59.9	19.7	25.1	23.6	25.6	94.3	69.0	49.3
Attend public school (K-12)	288.2	13.8	2.5	5.6	14.7	47.4	15.9	13.7	16.8	19.9	58.5	49.3	31.3
Attend private school (K-12)	106.8	2.9	—	—	2.3	11.4	5.3	9.2	6.8	5.7	35.8	19.7	16.0
Attend ungraded school, preschool, etc.	2.1	—	—	—	—	—	—	1.1	1.0	—	—	—	1.1
Does not attend school	1.2	—	—	—	—	—	—	—	—	—	—	1.2	—
Not reported	13.9	—	—	—	1.1	2.2	.7	1.1	—	1.1	4.3	2.4	2.1
Households with any children aged 0-13	434.2	22.4	1.5	6.9	19.2	62.2	20.6	21.3	32.8	24.4	98.4	72.5	48.1
Satisfactory public elementary school	326.2	15.5	1.5	4.5	11.4	41.9	13.5	15.6	24.9	14.2	55.5	60.7	35.5
Unsatisfactory public elementary school	38.2	—	—	2.4	3.4	7.8	1.6	1.1	1.1	3.5	17.0	4.7	4.2
So bothered they want to move	18.3	—	—	2.4	2.1	4.5	—	—	—	2.4	8.3	1.3	3.1
Not reported	—	—	—	—	—	—	—	—	—	—	—	—	—
Not reported or don't know	69.9	6.9	—	—	4.4	12.5	5.5	4.6	6.7	6.7	26.0	7.1	8.5
Public elementary school less than 1 mile	281.7	6.6	1.5	4.5	14.8	55.1	15.4	15.4	21.6	17.2	88.3	36.7	34.4
Public elementary school 1 mile or more	139.9	14.0	—	2.4	3.2	4.9	4.2	5.9	10.1	6.1	3.6	34.5	10.6
Not reported	12.7	1.8	—	—	1.1	2.2	1.1	—	1.1	1.1	6.5	1.3	3.1
Building Neighbor Noise³													
Neighbor noise present	237.1	1.1	—	7.6	7.7	77.1	9.9	60.4	22.8	29.6	143.6	26.2	27.2
Loudness bothersome	57.8	—	—	4.4	1.0	19.5	—	14.6	2.2	11.4	34.4	6.7	4.3
Loudness not bothersome	179.3	1.1	—	3.3	6.6	57.5	9.9	45.8	20.5	18.1	109.2	19.5	22.9
Loudness bothersome not reported	—	—	—	—	—	—	—	—	—	—	—	—	—
Time of noise bothersome	58.6	—	—	3.3	3.4	23.5	—	13.5	1.2	13.0	44.1	4.5	3.2
Time of noise not bothersome	178.5	1.1	—	4.3	4.2	53.6	9.9	46.9	21.6	16.5	99.6	21.7	24.0
Time bothersome not reported	—	—	—	—	—	—	—	—	—	—	—	—	—
Neighbor noise not present	261.1	10.6	—	4.5	9.6	64.6	21.2	79.5	23.8	40.5	154.6	18.8	36.5
Not reported	16.5	—	—	—	5.3	5.4	—	3.4	1.1	2.3	13.3	1.1	2.0
Public Transportation													
With public transportation	892.2	17.2	8.4	22.7	28.3	176.8	39.3	242.9	67.1	109.6	344.7	106.7	132.5
Household uses it at least weekly	240.1	3.0	—	7.5	11.3	92.1	12.1	67.9	21.3	47.0	180.1	12.2	22.3
Satisfactory public transportation	226.1	3.0	—	7.5	9.2	85.2	12.1	63.6	20.2	43.7	167.2	12.2	21.3
Unsatisfactory public transportation	14.0	—	—	—	2.2	7.0	—	4.3	1.1	3.4	12.9	—	1.0
Not reported	—	—	—	—	—	—	—	—	—	—	—	—	—
Household uses it less than weekly	360.8	6.6	1.5	14.1	7.6	55.2	14.4	105.2	17.8	38.5	124.0	40.6	61.1
Satisfactory public transportation	337.6	6.6	1.5	12.8	7.6	51.5	12.2	99.2	15.6	35.8	119.2	38.2	58.9
Unsatisfactory public transportation	17.4	—	—	—	—	2.6	1.1	4.8	—	1.4	1.4	1.1	2.2
Not reported	5.9	—	—	1.3	—	1.1	1.1	1.2	2.2	1.3	3.4	1.3	—
Household does not use	283.7	7.6	6.9	1.2	6.1	28.3	12.1	67.5	25.6	24.0	34.6	53.9	48.1
Not reported	7.6	—	—	—	3.2	1.1	—	2.3	2.5	—	5.9	—	1.0
No public transportation	411.6	27.6	5.0	5.1	8.0	7.1	2.2	85.7	25.2	18.9	8.0	98.4	25.4
Not reported	30.3	1.1	—	2.4	2.2	4.3	—	3.2	3.4	2.2	7.6	4.8	2.1

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 years	Mobile homes	Physical problems		Black	Hispanic	Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three
				Severe	Moderate								
UNITS WHERE HOUSEHOLDER MOVED DURING PAST YEAR													
Total	93.6	10.3	1.1	1.1	2.2	15.3	3.3	4.4	93.6	2.2	20.2	20.0	7.5
Structure Type of Previous Residence													
Moved from within United States	93.6	10.3	1.1	1.1	2.2	15.3	3.3	4.4	93.6	2.2	20.2	20.0	7.5
House	51.9	8.9	–	–	–	6.7	2.2	1.1	51.9	1.1	9.2	15.2	6.4
Apartment	30.2	–	–	–	1.1	8.6	1.1	1.2	30.2	–	8.9	3.7	1.1
Mobile home	2.5	–	1.1	–	–	–	–	1.1	2.5	1.1	–	1.1	–
Other	4.6	1.4	–	–	–	–	–	–	4.6	–	–	–	–
Not reported	4.4	–	–	1.1	1.1	–	–	1.1	4.4	–	2.2	–	–
Tenure of Previous Residence													
House, apartment, mobile home in United States	84.6	8.9	1.1	–	1.1	15.3	3.3	3.3	84.6	2.2	18.1	20.0	7.5
Owner occupied	43.0	8.9	1.1	–	–	4.5	1.1	2.2	43.0	2.2	5.9	14.9	5.4
Renter occupied	41.6	–	–	–	1.1	10.8	2.2	1.2	41.6	–	12.1	5.1	2.1
Persons — Previous Residence													
House, apartment, mobile home in United States	84.6	8.9	1.1	–	1.1	15.3	3.3	3.3	84.6	2.2	18.1	20.0	7.5
1 person	8.3	–	–	–	–	1.1	–	1.1	8.3	–	1.1	2.4	1.1
2 persons	19.1	1.3	1.1	–	–	–	–	1.1	19.1	1.1	4.6	3.5	2.1
3 persons	25.3	3.5	–	–	–	7.4	1.1	1.2	25.3	–	3.3	8.3	–
4 persons	11.0	1.1	–	–	–	4.6	–	–	11.0	1.1	2.2	2.1	1.1
5 persons	11.4	1.9	–	–	1.1	1.1	–	–	11.4	–	2.2	2.6	2.2
6 persons	–	–	–	–	–	–	–	–	–	–	–	–	–
7 persons or more	1.1	–	–	–	–	–	–	–	1.1	–	–	1.1	–
Not reported	8.3	1.0	–	–	–	1.1	1.1	–	8.3	–	4.7	–	1.0
Previous Home Owned or Rented by Someone Who Moved Here													
House, apartment, mobile home in United States	84.6	8.9	1.1	–	1.1	15.3	3.3	3.3	84.6	2.2	18.1	20.0	7.5
Owned or rented by a mover	63.4	7.9	1.1	–	1.1	10.8	2.2	3.3	63.4	1.1	12.3	15.3	6.5
Owned or rented by other	16.3	–	–	–	–	4.5	1.1	–	16.3	1.1	3.3	4.7	–
By a relative	11.5	–	–	–	–	3.4	–	–	11.5	1.1	2.2	2.2	–
By a nonrelative	4.9	–	–	–	–	1.1	1.1	–	4.9	–	1.1	2.5	–
Not reported	–	–	–	–	–	–	–	–	–	–	–	–	–
Not reported	4.9	1.0	–	–	–	–	–	–	4.9	–	2.5	–	1.0
Change in Housing Costs													
House, apartment, mobile home in United States	84.6	8.9	1.1	–	1.1	15.3	3.3	3.3	84.6	2.2	18.1	20.0	7.5
Increased with move	54.2	7.8	–	–	–	10.7	2.2	–	54.2	1.1	6.5	15.2	5.3
Decreased	13.4	1.1	–	–	1.1	2.2	1.1	1.1	13.4	–	5.5	2.5	1.1
Stayed about the same	12.9	–	1.1	–	–	2.3	–	2.3	12.9	1.1	4.6	2.2	1.2
Don't know	1.3	–	–	–	–	–	–	–	1.3	–	–	–	–
Not reported	2.8	–	–	–	–	–	–	–	2.8	–	1.4	–	–

¹See back cover for details.

Table 3-11. Reasons for Move and Choice of Current Residence—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 years	Mobile homes	Physical problems		Black	Hispanic	Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three
				Severe	Moderate								
RESPONDENT MOVED DURING PAST YEAR—Con.													
Main Reason for Choice of Present Home													
All reported reasons equal	7.0	1.9	—	—	—	2.8	—	—	7.0	—	—	1.1	—
Financial reasons	21.5	—	—	—	—	3.4	1.1	—	20.4	1.1	7.9	6.0	1.1
Room layout/design	25.7	6.1	—	—	—	3.5	—	1.2	25.7	—	2.2	8.1	—
Kitchen	—	—	—	—	—	—	—	—	—	—	—	—	—
Size	9.0	—	—	—	1.1	3.3	1.1	—	9.0	—	3.3	—	2.2
Exterior appearance	7.0	—	—	—	—	—	—	—	7.0	—	—	2.6	1.0
Yard/trees/view	2.7	—	—	—	—	—	—	—	2.7	—	—	—	—
Quality of construction	5.7	1.3	—	—	—	1.1	—	1.1	5.7	—	2.2	—	2.2
Only one available	—	—	—	—	—	—	—	—	—	—	—	—	—
Other	4.5	—	—	—	—	1.1	—	—	4.5	—	1.1	1.1	—
Not reported	14.1	1.0	...	—	1.1	—	1.1	2.2	12.6	1.1	5.9	1.1	1.0
Home Search													
Now in house	85.7	10.3	...	—	2.2	14.1	3.3	2.2	84.6	1.1	21.3	16.3	7.5
Did not look at apartments	71.0	8.2	...	—	—	11.8	3.3	1.1	69.9	1.1	14.3	15.2	6.5
Looked at apartments too	7.9	1.1	...	—	—	2.3	—	—	7.9	—	2.3	1.1	—
Search not reported	6.9	1.0	...	—	2.2	—	—	1.1	6.9	—	4.7	—	1.0
Now in mobile home	2.6	—	2.6	—	—	—	—	1.1	1.1	1.1	—	1.1	—
Did not look at apartments	2.6	—	2.6	—	—	—	—	1.1	1.1	1.1	—	1.1	—
Looked at apartments too	—	—	—	—	—	—	—	—	—	—	—	—	—
Search not reported	—	—	—	—	—	—	—	—	—	—	—	—	—
Now in apartment	8.9	—	—	—	—	1.2	—	1.2	8.9	—	1.2	2.6	—
Did not look at houses	3.7	—	—	—	—	1.2	—	1.2	3.7	—	—	—	—
Looked at houses too	3.8	—	—	—	—	—	—	—	3.8	—	1.2	2.6	—
Search not reported	1.3	—	—	—	—	—	—	—	1.3	—	—	—	—
Recent Mover Comparison to Previous Home													
Better home	59.4	8.2	—	—	1.1	13.1	1.1	1.2	59.4	1.1	9.8	11.6	4.2
Worse home	7.5	—	1.5	—	—	1.1	—	—	6.1	—	1.1	2.8	—
About the same	20.9	1.1	1.1	—	—	1.1	1.1	2.2	19.8	1.1	7.0	5.5	2.2
Not reported	9.3	1.0	—	—	1.1	—	1.1	1.1	9.3	—	4.7	—	1.0
Recent Mover Comparison to Previous Neighborhood													
Better neighborhood	48.0	8.2	—	—	1.1	9.5	1.1	—	48.0	1.1	9.9	13.2	3.3
Worse neighborhood	9.4	—	1.5	—	—	—	1.1	—	7.9	—	2.3	—	—
About the same	24.8	1.1	1.1	—	—	5.7	—	3.3	24.8	1.1	2.2	5.6	3.2
Same neighborhood	6.8	—	—	—	—	—	—	—	5.7	—	3.4	1.1	—
Not reported	8.2	1.0	—	—	1.1	—	1.1	1.1	8.2	—	4.7	—	1.0

¹See back cover for details.

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

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 years	Mobile homes	Physical problems		Black	Hispanic	Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three
				Severe	Moderate								
Other Housing Costs per Month													
Homeowner association fee paid.....	63.8	12.4	—	—	—	1.1	—	8.5	7.1	1.2	1.1	12.7	5.3
Median	44	...	...	...	...	...	...	...	...	...	...	...	...
Mobile home park fee paid	1.1	—	1.1	—	—	—	—	1.1	1.1	1.1	—	1.1	—
Median .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Land rent fee paid	2.1	—	—	—	—	—	—	—	—	—	1.1	—	—
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 3-17. 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	No rooms	1 room	2 rooms	3 rooms	4 rooms or more
Value										
Less than \$10,000	25.9	—	6.7	10.7	8.5	—	2.1	9.2	9.8	4.8
\$10,000 to \$19,999	30.5	—	3.8	23.1	3.5	—	1.2	13.4	12.4	3.5
\$20,000 to \$29,999	35.3	—	7.7	17.1	10.5	—	4.1	8.1	13.7	9.4
\$30,000 to \$39,999	52.0	1.2	2.4	37.1	11.4	1.2	—	4.7	35.9	10.3
\$40,000 to \$49,999	39.0	—	4.7	28.8	5.6	—	3.6	5.6	29.8	—
\$50,000 to \$59,999	38.4	—	4.3	26.4	7.7	—	—	16.5	18.7	3.3
\$60,000 to \$69,999	63.8	—	4.3	35.6	23.9	—	1.0	11.1	33.6	18.0
\$70,000 to \$79,999	60.1	—	2.6	45.8	11.7	—	—	14.7	38.6	6.8
\$80,000 to \$99,999	190.8	—	15.5	124.1	51.2	1.3	2.4	40.1	115.9	31.1
\$100,000 to \$119,999	159.3	—	10.8	88.5	60.0	—	3.6	33.4	87.7	34.6
\$120,000 to \$149,999	203.9	1.1	9.1	85.6	108.0	1.1	4.5	28.4	106.1	63.7
\$150,000 to \$199,999	229.4	—	9.1	73.5	146.8	—	—	24.4	118.2	86.8
\$200,000 to \$249,999	75.8	—	—	8.1	67.7	—	—	3.6	15.1	57.1
\$250,000 to \$299,999	62.8	—	2.7	4.5	55.7	—	—	2.7	9.1	51.0
\$300,000 or more	67.0	—	—	5.9	61.1	—	—	3.7	5.7	57.7
Median	116 478	...	86 940	93 340	154 986	...	...	93 237	103 836	169 303

¹Does not include multiunits, cooperatives, or condominiums.

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	7.2	—	1.0	1.1	—	2.7	2.4	—	...
\$10,000 to \$19,999	10.4	1.5	2.9	1.1	1.3	—	1.1	2.6	...
\$20,000 to \$29,999	7.8	—	2.8	—	—	—	3.9	1.1	...
\$30,000 to \$39,999	4.8	—	1.4	1.1	—	—	2.3	—	...
\$40,000 to \$49,999	5.9	—	2.5	—	2.3	—	—	1.1	...
\$50,000 to \$59,999	4.7	—	—	—	1.1	—	1.2	2.4	...
\$60,000 to \$69,999	15.8	—	2.4	—	2.2	2.2	3.2	5.8	...
\$70,000 to \$79,999	16.7	—	—	3.3	2.2	1.5	1.3	8.3	...
\$80,000 to \$99,999	96.0	3.9	13.4	11.2	13.2	9.4	10.0	34.9	1 578
\$100,000 to \$119,999	105.4	2.2	4.4	16.9	25.2	11.6	20.2	24.7	1 832
\$120,000 to \$149,999	153.5	2.2	5.6	24.5	27.3	27.3	26.7	39.8	1 948
\$150,000 to \$199,999	203.3	—	3.6	20.9	49.9	57.7	46.8	24.4	2 131
\$200,000 to \$249,999	66.7	1.1	1.0	2.4	2.4	11.8	38.5	9.5	2500+
\$250,000 to \$299,999	61.7	—	2.3	—	4.6	9.2	40.8	4.9	2500+
\$300,000 or more	59.6	—	1.1	—	—	4.3	49.5	4.7	2500+
Median	146 395	...	93 746	127 965	140 045	162 339	206 254	120 839	...

¹Does not include multiunits, cooperatives, or condominiums.

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	Not specified		Total	Specified	Not specified		Specified	Other	Specified	Other
			Condo or Coop	Other			Condo or Coop	Other				
Average Monthly Cost Paid for Real Estate Taxes												
Less than \$25	30.5	25.6	3.4	1.5	56.2	46.9	1.1	8.2	...	...	...	...
\$25 to \$49	25.9	25.8	—	—	40.7	37.3	1.3	2.2	...	...	...	...
\$50 to \$74	48.0	42.9	2.6	2.5	25.5	20.8	1.1	3.6	...	...	...	...
\$75 to \$99	55.2	46.8	4.9	3.5	31.7	25.5	4.7	1.4	...	...	...	...
\$100 to \$149	103.6	88.3	8.6	6.8	84.8	76.0	4.3	4.5	...	...	...	...
\$150 to \$199	142.7	131.2	5.7	5.8	82.5	75.0	2.7	4.8	...	...	...	...
\$200 or more	426.2	387.1	14.5	24.7	180.5	166.7	5.7	8.2	...	...	...	...
Median	200+	200+	153	200+	157	162	...	112	...	...	...	...
OWNERS WITH ONE OR MORE REGULAR MORTGAGES												
Total	727.7	650.2	36.4	41.2	...	...	...	...	...	...	...	...
Monthly Payment for Principal and Interest												
One or more regular mortgages	727.7	650.2	36.4	41.2	...	...	...	...	...	...	...	...
Less than \$100	29.6	25.6	2.5	1.5	...	...	...	...	...	...	...	...
\$100 to \$199	24.3	21.9	1.1	1.2	...	...	...	...	...	...	...	...
\$200 to \$249	26.4	25.2	1.2	—	...	...	...	...	...	...	...	...
\$250 to \$299	31.4	27.7	2.3	1.4	...	...	...	...	...	...	...	...
\$300 to \$349	30.8	27.4	3.4	—	...	...	...	...	...	...	...	...
\$350 to \$399	18.8	16.7	1.0	1.0	...	...	...	...	...	...	...	...
\$400 to \$449	39.7	37.2	1.4	1.0	...	...	...	...	...	...	...	...
\$450 to \$499	40.2	33.3	3.5	3.3	...	...	...	...	...	...	...	...
\$500 to \$599	84.2	74.4	7.7	2.1	...	...	...	...	...	...	...	...
\$600 to \$699	67.0	59.8	2.2	5.0	...	...	...	...	...	...	...	...
\$700 to \$799	67.7	57.9	—	9.8	...	...	...	...	...	...	...	...
\$800 to \$999	112.0	97.5	6.7	7.8	...	...	...	...	...	...	...	...
\$1,000 to \$1,249	76.9	72.5	1.1	3.4	...	...	...	...	...	...	...	...
\$1,250 to \$1,499	44.4	40.9	1.1	2.4	...	...	...	...	...	...	...	...
\$1,500 or more	34.4	32.2	1.1	1.1	...	...	...	...	...	...	...	...
Median	658	660	522	740	...	...	...	...	...	...	...	...
Type of Primary Mortgage												
FHA	118.7	109.3	3.4	6.0	...	...	...	...	...	...	...	...
VA	20.0	16.6	2.3	1.2	...	...	...	...	...	...	...	...
Farmers Home Administration	2.0	2.0	—	—	...	...	...	...	...	...	...	...
Other types	515.8	462.2	26.4	27.2	...	...	...	...	...	...	...	...
Don't know	1.1	1.1	—	—	...	...	...	...	...	...	...	...
Not reported	70.1	59.0	4.3	6.8	...	...	...	...	...	...	...	...
Mortgage Origination												
Placed new mortgage(s)	719.6	644.6	34.9	40.1	...	...	...	...	...	...	...	...
Primary obtained when property acquired	556.1	487.5	33.8	34.8	...	...	...	...	...	...	...	...
Obtained later	163.5	157.1	1.1	5.3	...	...	...	...	...	...	...	...
Assumed	5.8	3.4	1.4	1.0	...	...	...	...	...	...	...	...
Wrap-around .....	—	—	—	—	...	...	...	...	...	...	...	...
Combination of the above	2.3	2.3	—	—	...	...	...	...	...	...	...	...
Payment Plan of Primary Mortgage												
Fixed payment, self-amortizing	602.5	543.8	29.0	29.7	...	...	...	...	...	...	...	...
Adjustable rate mortgage	21.2	18.0	1.1	2.1	...	...	...	...	...	...	...	...
Adjustable term mortgage	3.3	2.2	—	1.1	...	...	...	...	...	...	...	...
Graduated payment mortgage	8.8	8.8	—	—	...	...	...	...	...	...	...	...
Balloon	4.0	2.1	1.9	—	...	...	...	...	...	...	...	...
Other .....	—	—	—	—	...	...	...	...	...	...	...	...
Combination of the above .....	—	—	—	—	...	...	...	...	...	...	...	...
Not reported	87.8	75.3	4.3	8.2	...	...	...	...	...	...	...	...
Payment Plan of Secondary Mortgage												
Units with two or more mortgages	24.9	20.2	—	4.7	...	...	...	...	...	...	...	...
Fixed payment, self-amortizing	19.5	15.9	—	3.6	...	...	...	...	...	...	...	...
Adjustable rate mortgage	1.2	1.2	—	—	...	...	...	...	...	...	...	...
Adjustable term mortgage .....	—	—	—	—	...	...	...	...	...	...	...	...
Graduated payment mortgage .....	—	—	—	—	...	...	...	...	...	...	...	...
Balloon	1.0	1.0	—	—	...	...	...	...	...	...	...	...
Other .....	—	—	—	—	...	...	...	...	...	...	...	...
Combination of the above	2.2	1.0	—	1.1	...	...	...	...	...	...	...	...
Not reported	1.1	1.1	—	—	...	...	...	...	...	...	...	...
Lenders of Primary and Secondary Mortgages												
Only borrowed from firm(s)	635.6	571.5	30.8	33.3	...	...	...	...	...	...	...	...
Only borrowed from seller	4.6	4.6	—	—	...	...	...	...	...	...	...	...
Only borrowed from other individual(s)	5.3	4.1	1.2	—	...	...	...	...	...	...	...	...
Borrowed from a firm and seller .....	—	—	—	—	...	...	...	...	...	...	...	...
Borrowed from a firm and other individual	1.1	—	—	1.1	...	...	...	...	...	...	...	...
Borrowed from seller and other individual .....	—	—	—	—	...	...	...	...	...	...	...	...
One or both sources not reported	81.1	70.0	4.3	6.8	...	...	...	...	...	...	...	...

¹Excludes units in public housing projects and housing units with government rent subsidies.
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 3-20. **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	1 245.7	22.0	33.7	51.5	54.6	70.4	116.6	120.2	249.8	175.4	113.1	92.6	145.7	52 317
Less than \$10,000	108.5	2.1	6.7	18.6	15.7	11.0	11.9	12.6	11.5	11.3	2.3	–	4.8	20 139
\$10,000 to \$19,999	151.1	3.3	6.2	11.9	11.0	18.8	26.0	15.8	24.2	16.0	9.1	1.3	7.6	29 395
\$20,000 to \$29,999	105.2	3.4	3.4	4.3	8.8	8.9	9.4	7.8	27.6	8.9	9.3	6.8	6.6	44 820
\$30,000 to \$39,999	56.3	–	1.1	5.8	1.4	5.4	5.4	5.9	12.1	4.4	9.1	3.3	2.3	45 087
\$40,000 to \$49,999	59.9	2.7	3.3	3.3	1.1	3.3	5.4	10.3	11.2	10.5	1.1	2.3	5.6	41 154
\$50,000 to \$59,999	70.3	–	–	–	2.2	2.2	7.5	12.4	17.5	13.2	7.1	2.2	6.0	52 442
\$60,000 to \$69,999	52.4	–	1.3	1.2	–	1.5	4.4	2.2	13.4	11.0	10.4	5.8	1.3	64 093
\$70,000 to \$79,999	70.2	–	–	–	1.8	2.3	12.2	7.9	8.9	11.1	5.3	9.0	11.7	63 672
\$80,000 to \$99,999	103.4	–	1.1	1.3	3.5	1.0	4.2	15.7	27.5	23.5	7.6	6.2	11.7	58 111
\$100,000 to \$119,999	92.8	–	–	1.1	2.3	5.4	9.7	5.5	27.6	13.3	6.1	10.8	11.2	56 298
\$120,000 to \$149,999	101.7	2.3	1.3	–	1.0	2.5	4.9	3.6	29.8	13.9	19.0	9.1	14.2	67 697
\$150,000 to \$199,999	86.1	–	–	–	–	–	1.0	3.3	13.0	19.3	11.8	20.0	17.7	90 933
\$200,000 to \$249,999	52.5	3.5	–	–	–	–	1.1	1.1	3.4	7.9	9.4	6.3	19.9	99 767
\$250,000 to \$299,999	16.0	–	–	–	–	–	–	–	1.5	1.1	2.5	1.1	9.8	...
\$300,000 or more	17.7	–	1.1	–	–	1.1	–	–	6.2	–	1.1	1.1	7.1	...
Not reported	101.6	4.7	8.2	3.9	5.9	7.1	13.5	16.4	14.5	10.1	1.9	7.3	8.1	34 587
Median	63 949	...	19 692	14 334	17 882	22 129	37 866	49 601	70 131	76 661	85 158	110 572	119 769	...
Received as inheritance or gift	44.0	1.2	1.0	5.5	7.8	2.1	6.5	6.8	7.3	2.2	–	2.2	1.2	26 501
Not reported	44.4	2.3	–	2.3	2.5	–	7.8	9.9	4.6	5.7	4.7	–	3.5	37 370

¹For mobile homes, 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—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	Median excluding no cash rent
Ratio of Value to Current Income														
Less than 1.5	369.2	4.8	23.9	29.6	45.2	50.4	21.4	20.5	23.5	36.3	77.5	36.2	...	646
1.5 to 1.9	220.1	1.1	3.3	18.1	7.7	13.8	20.4	11.8	15.6	27.2	61.6	39.5	...	934
2.0 to 2.4	144.0	1.1	5.6	6.8	20.5	14.7	10.6	3.4	4.8	15.4	29.2	32.0	...	860
2.5 to 2.9	138.8	1.1	—	8.9	10.5	12.8	22.8	7.8	2.2	22.9	29.8	20.0	...	829
3.0 to 3.9	129.3	—	2.2	7.0	16.4	16.4	9.2	9.0	6.1	15.3	27.3	20.4	...	774
4.0 to 4.9	77.7	—	1.0	9.5	13.9	15.1	7.0	2.1	3.4	8.9	13.3	3.4	...	495
5.0 or more	230.7	1.1	17.6	26.3	51.1	34.1	25.8	9.6	7.6	9.3	23.0	25.2	...	456
Zero or negative income	24.4	—	3.6	1.1	5.5	2.2	7.4	—	—	2.2	2.4	—	...	...
Median	2.2	...	1.9	2.4	2.9	2.5	2.6	2.0	1.8	2.1	1.9	2.2	...	...
Monthly Payment for Principal and Interest														
One or more regular mortgages	727.7	—	3.5	9.2	21.1	18.9	43.2	33.0	46.7	124.4	258.3	169.3	...	1 123
Less than \$100	29.6	—	3.5	4.7	8.6	3.3	5.6	—	2.5	—	1.4	—	...	377
\$100 to \$199	24.3	—	—	3.3	9.9	3.5	3.2	1.2	1.0	1.0	1.1	—	...	...
\$200 to \$249	26.4	—	—	—	1.1	7.7	8.6	4.4	2.2	—	2.6	—	...	...
\$250 to \$299	31.4	—	—	1.2	1.4	3.3	11.5	5.6	3.7	4.6	—	—	...	585
\$300 to \$349	30.8	—	—	—	—	—	8.4	7.7	6.5	2.3	4.7	—	...	676
\$350 to \$399	18.8	—	—	—	—	1.2	4.5	5.5	5.4	2.2	1.1	—	...	...
\$400 to \$449	39.7	—	—	—	—	—	1.4	6.4	5.4	19.4	7.0	—	...	868
\$450 to \$499	40.2	—	—	—	—	—	—	2.2	11.6	21.3	5.1	—	...	859
\$500 to \$599	84.2	—	—	—	—	—	—	—	8.4	50.6	25.2	—	...	933
\$600 to \$699	67.0	—	—	—	—	—	—	—	—	19.4	46.6	1.0	...	1 152
\$700 to \$799	67.7	—	—	—	—	—	—	—	—	2.6	62.8	2.4	...	1 249
\$800 to \$999	112.0	—	—	—	—	—	—	—	—	1.0	86.6	24.3	...	1 317
\$1,000 to \$1,249	76.9	—	—	—	—	—	—	—	—	—	14.0	62.9	...	1500+
\$1,250 to \$1,499	44.4	—	—	—	—	—	—	—	—	—	—	44.4	...	1500+
\$1,500 or more	34.4	—	—	—	—	—	—	—	—	—	—	34.4	...	1500+
Median	658	...	...	...	...	...	268	335	419	523	755	1 226	...	...
Average Monthly Cost Paid for Real Estate Taxes														
Less than \$25	86.7	8.1	23.5	16.1	12.8	10.7	4.8	1.2	1.1	3.7	2.5	2.3	...	274
\$25 to \$49	66.6	1.1	19.8	18.8	15.4	2.2	1.1	1.1	3.5	—	2.4	1.3	...	266
\$50 to \$74	73.5	—	6.8	18.6	8.2	9.2	8.9	4.4	3.3	9.3	3.6	1.2	...	434
\$75 to \$99	86.8	—	6.0	12.1	19.1	2.2	7.4	6.1	7.9	17.3	6.2	2.4	...	553
\$100 to \$149	188.5	—	—	33.1	36.5	23.4	14.5	12.4	8.8	20.2	36.1	3.3	...	508
\$150 to \$199	225.2	—	1.1	6.1	47.5	27.8	15.5	12.8	12.4	42.7	48.5	10.9	...	715
\$200 or more	606.8	—	—	2.4	31.2	83.9	72.6	26.1	26.1	44.5	164.7	155.2	...	1 050
Median	187	...	31	75	141	200+	200+	177	178	171	200+	200+	...	...
Purchase Price														
Home purchased or built	1 245.7	8.1	48.9	89.9	155.8	149.3	121.3	58.5	57.3	135.4	252.4	168.9	...	685
Less than \$10,000	108.5	7.0	20.0	21.0	26.5	14.9	4.5	1.1	4.5	1.5	3.9	3.6	...	324
\$10,000 to \$19,999	151.1	—	5.4	26.0	40.3	50.0	11.2	7.7	1.1	2.2	2.3	4.8	...	408
\$20,000 to \$29,999	105.2	—	3.6	11.3	29.5	25.2	14.4	10.9	2.2	4.6	3.5	—	...	433
\$30,000 to \$39,999	56.3	—	3.2	1.1	5.4	6.9	19.6	3.2	4.3	7.2	2.1	3.3	...	559
\$40,000 to \$49,999	59.9	—	5.6	4.4	7.7	6.9	8.2	5.5	6.1	8.0	6.8	1.0	...	567
\$50,000 to \$59,999	70.3	—	1.1	5.7	4.3	11.7	9.3	7.9	9.9	9.3	10.1	1.0	...	639
\$60,000 to \$69,999	52.4	—	—	1.1	2.4	4.5	4.7	2.0	5.9	16.3	8.7	6.9	...	869
\$70,000 to \$79,999	70.2	—	—	2.2	1.1	2.1	3.9	3.0	3.3	26.6	18.2	9.7	...	946
\$80,000 to \$99,999	103.4	—	—	—	6.7	6.8	7.0	8.3	2.3	23.2	38.9	10.1	...	977
\$100,000 to \$119,999	92.8	—	1.1	2.2	9.7	4.5	6.9	—	3.5	16.8	44.9	3.3	...	1 020
\$120,000 to \$149,999	101.7	—	1.3	2.4	1.3	3.2	7.3	4.5	1.1	2.7	57.3	20.5	...	1 235
\$150,000 to \$199,999	86.1	—	—	—	2.2	3.3	7.0	3.2	2.4	5.6	33.4	29.0	...	1 290
\$200,000 to \$249,999	52.5	—	—	—	1.1	—	3.5	—	3.4	2.3	4.6	37.6	...	1500+
\$250,000 to \$299,999	16.0	—	—	—	—	—	—	—	—	—	—	16.0	...	...
\$300,000 or more	17.7	—	—	—	—	—	—	—	—	—	—	11.6	...	...
Not reported	101.6	1.1	7.7	12.6	17.7	9.1	13.8	1.1	4.8	9.2	14.0	10.4	...	519
Median	63 949	...	11 126	16 784	20 765	22 025	44 840	50 449	58 033	75 307	110 996	175 894	...	...
Received as inheritance or gift	44.0	1.1	4.5	11.5	9.3	6.4	1.1	2.3	2.1	1.1	3.5	1.0	...	353
Not reported	44.4	—	3.7	5.8	5.7	3.8	2.3	3.3	3.7	1.2	8.3	6.6	...	628

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

Table 3-23. Units in Structure 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	1, detached	1, attached	Multiunit						Mobile homes
				Total	2 to 4	5 to 9	10 to 19	20 to 49	50 or more	
Total	1 334.1	806.1	468.3	46.2	25.3	8.3	4.7	1.4	6.5	13.4
Race and Origin										
White	1 084.9	740.2	295.7	35.6	16.0	7.1	4.7	1.4	6.5	13.4
Non-Hispanic	1 063.3	734.3	280.6	34.9	15.3	7.1	4.7	1.4	6.5	13.4
Hispanic	21.6	5.9	15.0	.7	.7	—	—	—	—	—
Black	188.1	41.1	141.1	6.0	4.7	1.2	—	—	—	—
American Indian, Eskimo, and Aleut	4.7	1.4	3.3	—	—	—	—	—	—	—
Asian and Pacific Islander	36.4	17.7	15.1	3.6	3.6	—	—	—	—	—
Other	20.0	5.7	13.2	1.1	1.1	—	—	—	—	—
Total Hispanic	41.5	10.4	29.3	1.8	1.8	—	—	—	—	—
Cooperatives and Condominiums										
Cooperatives	1.2	—	1.2	—	—	—	—	—	—	—
Condominiums	59.2	4.4	32.6	22.2	3.5	7.1	4.7	1.4	5.4	—
Year Structure Built¹										
2000 to 2004	—	—	—	—	—	—	—	—	—	—
1995 to 1999	69.0	50.8	17.1	1.2	—	1.2	—	—	—	—
1990 to 1994	96.3	69.6	25.5	1.2	1.2	—	—	—	—	—
1985 to 1989	76.5	43.5	27.5	3.3	2.1	—	1.2	—	—	2.1
1980 to 1984	57.3	42.0	7.9	4.4	2.3	—	1.0	—	1.1	3.0
1975 to 1979	75.0	51.9	17.1	1.8	.7	—	1.1	—	—	4.2
1970 to 1974	68.6	48.8	13.5	3.4	—	1.0	—	1.4	1.0	2.8
1960 to 1969	177.2	136.4	35.0	4.6	1.3	—	—	—	3.3	1.2
1950 to 1959	210.2	153.4	54.5	2.3	—	1.2	—	—	1.0	—
1940 to 1949	109.1	55.4	50.3	3.4	3.4	—	—	—	—	—
1930 to 1939	80.5	30.2	49.2	1.1	1.1	—	—	—	—	—
1920 to 1929	117.5	51.7	64.8	1.0	1.0	—	—	—	—	—
1919 or earlier	196.9	72.5	105.9	18.5	12.2	4.9	1.4	—	—	—
Median	1958	1963	1943	1947	...	...	...	...	...	...
Rooms										
1 room	1.2	—	1.2	—	—	—	—	—	—	—
2 rooms	1.1	1.1	—	—	—	—	—	—	—	—
3 rooms	6.2	2.4	—	3.7	1.2	—	—	1.4	1.1	—
4 rooms	77.3	32.7	25.6	13.7	8.6	2.7	1.4	—	1.0	5.2
5 rooms	210.3	103.7	80.6	19.3	10.5	4.4	3.3	—	1.1	6.8
6 rooms	404.5	167.6	229.1	6.4	3.1	1.2	—	—	2.1	1.4
7 rooms	243.9	162.6	80.2	1.1	—	—	—	—	1.1	—
8 rooms	209.4	169.7	39.0	.7	.7	—	—	—	—	—
9 rooms	123.2	116.5	5.4	1.3	1.3	—	—	—	—	—
10 rooms or more	57.1	49.8	7.2	—	—	—	—	—	—	—
Bedrooms										
None	3.7	2.4	1.2	—	—	—	—	—	—	—
1	22.4	7.0	4.4	11.1	6.3	1.3	—	1.4	2.1	—
2	219.5	87.4	95.4	27.5	14.6	7.1	4.7	—	1.1	9.2
3	650.3	345.8	295.1	5.3	3.1	—	—	—	2.1	4.2
4 or more	438.2	363.6	72.2	2.4	1.3	—	—	—	1.1	—
Complete Bathrooms										
None	3.2	1.1	2.1	—	—	—	—	—	—	—
1	407.2	173.2	202.0	21.2	14.1	2.5	1.1	1.4	2.1	10.8
1 and one-half	345.7	188.1	150.6	7.0	5.9	—	—	—	1.1	—
2 or more	577.9	443.7	113.6	18.0	5.3	5.8	3.6	—	3.2	2.6
Square Footage of Unit										
Single detached and mobile homes	819.5	806.1	...	...	...	...	...	...	...	13.4
Less than 500	10.9	9.4	...	...	...	...	...	...	...	1.5
500 to 749	10.9	7.1	...	...	...	...	...	...	...	3.8
750 to 999	33.5	29.2	...	...	...	...	...	...	...	4.3
1,000 to 1,499	82.6	81.5	...	...	...	...	...	...	...	1.1
1,500 to 1,999	131.8	131.8	...	...	...	...	...	...	...	—
2,000 to 2,499	137.7	136.5	...	...	...	...	...	...	...	1.2
2,500 to 2,999	98.2	98.2	...	...	...	...	...	...	...	—
3,000 to 3,999	92.7	92.7	...	...	...	...	...	...	...	—
4,000 or more	57.1	57.1	...	...	...	...	...	...	...	—
Not reported	164.2	162.7	...	...	...	...	...	...	...	1.5
Median	2 211	2 230	...	...	...	...	...	...	...	...
Persons per Room										
0.50 or less	979.1	595.0	331.0	41.1	20.3	8.3	4.7	1.4	6.5	11.9
0.51 to 1.00	337.2	207.6	126.9	2.7	2.7	—	—	—	—	—
1.01 to 1.50	17.8	3.6	10.4	2.4	2.4	—	—	—	—	1.5
1.51 or more	—	—	—	—	—	—	—	—	—	—
Square Feet per Person										
Single detached and mobile homes	819.5	806.1	...	...	...	...	...	...	...	13.4
Less than 200	16.2	14.7	...	...	...	...	...	...	...	1.5
200 to 299	29.9	28.9	...	...	...	...	...	...	...	1.0
300 to 399	60.5	59.1	...	...	...	...	...	...	...	1.4
400 to 499	54.5	53.1	...	...	...	...	...	...	...	1.4
500 to 599	56.1	54.9	...	...	...	...	...	...	...	1.2
600 to 699	61.9	61.9	...	...	...	...	...	...	...	—
700 to 799	46.4	45.1	...	...	...	...	...	...	...	1.4
800 to 899	50.0	48.6	...	...	...	...	...	...	...	1.5
900 to 999	29.5	28.1	...	...	...	...	...	...	...	1.4
1,000 to 1,499	119.2	119.2	...	...	...	...	...	...	...	—
1,500 or more	131.0	129.8	...	...	...	...	...	...	...	1.2
Not reported	164.2	162.7	...	...	...	...	...	...	...	1.5
Median	804	808	...	...	...	...	...	...	...	...

Table 3-23. Units in Structure 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	1, detached	1, attached	Multiunit						Mobile homes
				Total	2 to 4	5 to 9	10 to 19	20 to 49	50 or more	
Equipment²										
Lacking complete kitchen facilities	11.2	3.3	6.6	1.2	1.2	—	—	—	—	—
With complete kitchen (sink, refrigerator, and oven or burners)	1 322.9	802.8	461.7	45.0	24.1	8.3	4.7	1.4	6.5	13.4
Kitchen sink	1 329.5	802.8	461.7	46.2	25.3	8.3	4.7	1.4	6.5	13.4
Refrigerator	1 330.8	805.0	466.2	46.2	25.3	8.3	4.7	1.4	6.5	13.4
Cooking stove or range	1 325.8	803.4	464.0	45.0	24.1	8.3	4.7	1.4	6.5	13.4
Burners, no stove or range	4.0	1.6	1.2	1.2	1.2	—	—	—	—	—
Microwave oven only	—	—	—	—	—	—	—	—	—	—
Dishwasher	848.4	607.4	209.9	28.4	10.1	7.1	4.7	—	6.5	2.7
Washing machine	1 263.0	786.3	431.1	33.5	19.3	7.1	3.6	1.4	2.2	12.0
Clothes dryer	1 189.5	763.2	383.0	32.3	18.0	7.1	3.6	1.4	2.2	11.0
Disposal in kitchen sink	577.8	366.7	185.9	25.2	6.5	7.1	4.7	1.4	5.4	—
Trash compactor	44.1	26.7	10.1	7.4	1.1	4.9	1.4	—	—	—
Air conditioning:										
Central	695.0	489.3	171.8	25.7	7.1	7.1	4.7	1.4	5.4	8.1
Additional central	36.0	28.1	3.4	4.5	—	3.4	—	—	1.1	—
1 room unit	186.8	98.7	81.7	4.9	3.7	1.2	—	—	—	1.5
2 room units	221.2	91.2	115.7	11.7	10.7	—	—	—	—	2.6
3 room units or more	158.2	94.4	60.9	1.7	1.7	—	—	—	—	1.2
Main Heating Equipment										
Warm-air furnace	741.8	466.2	238.1	25.3	11.2	7.2	2.3	1.4	3.3	12.1
Steam or hot water system	440.3	251.1	176.4	12.8	11.8	—	—	—	1.0	—
Electric heat pump	73.0	38.1	30.1	4.7	1.2	—	2.5	—	1.1	—
Built-in electric units	37.0	27.2	7.5	1.0	—	—	—	—	1.0	1.2
Floor, wall, or other built-in hot-air units without ducts	30.4	14.0	14.0	2.3	1.2	1.1	—	—	—	—
Room heaters with flue	3.5	2.3	1.2	—	—	—	—	—	—	—
Room heaters without flue	2.5	2.5	—	—	—	—	—	—	—	—
Portable electric heaters	1.1	1.1	—	—	—	—	—	—	—	—
Stoves	3.6	3.6	—	—	—	—	—	—	—	—
Fireplaces with inserts	—	—	—	—	—	—	—	—	—	—
Fireplaces without inserts	—	—	—	—	—	—	—	—	—	—
Other	1.1	—	1.1	—	—	—	—	—	—	—
Cooking stove	—	—	—	—	—	—	—	—	—	—
None	—	—	—	—	—	—	—	—	—	—
Plumbing										
With all plumbing facilities	1 314.6	793.3	461.7	46.2	25.3	8.3	4.7	1.4	6.5	13.4
Lacking some or all plumbing facilities ²	19.5	12.9	6.7	—	—	—	—	—	—	—
No hot piped water	1.1	1.1	—	—	—	—	—	—	—	—
No bathtub and no shower	1.1	1.1	—	—	—	—	—	—	—	—
No flush toilet	1.1	1.1	—	—	—	—	—	—	—	—
No exclusive use	18.4	11.8	6.7	—	—	—	—	—	—	—
Primary Source of Water										
Public system or private company	1 163.6	639.1	466.1	46.2	25.3	8.3	4.7	1.4	6.5	12.1
Well serving 1 to 5 units	167.1	164.7	1.2	—	—	—	—	—	—	1.2
Drilled	154.5	152.1	1.2	—	—	—	—	—	—	1.2
Dug	8.5	8.5	—	—	—	—	—	—	—	—
Not reported	4.0	4.0	—	—	—	—	—	—	—	—
Other	3.4	2.3	1.1	—	—	—	—	—	—	—
Units Using Each Fuel²										
Electricity	1 334.1	806.1	468.3	46.2	25.3	8.3	4.7	1.4	6.5	13.4
Piped gas	904.9	466.4	405.8	32.7	19.0	4.7	2.3	1.4	5.4	—
Bottled gas	86.7	64.6	9.9	—	—	—	—	—	—	12.1
Fuel oil	395.0	300.1	78.5	9.5	7.3	—	—	—	2.2	6.8
Kerosene or other liquid fuel	27.6	17.2	9.0	—	—	—	—	—	—	1.5
Coal or coke	1.2	1.2	—	—	—	—	—	—	—	—
Wood	117.7	103.9	12.6	1.3	—	1.3	—	—	—	—
Solar energy	—	—	—	—	—	—	—	—	—	—
Other	3.6	1.1	—	2.5	—	—	1.4	—	1.1	—
All electric units	108.3	67.7	28.6	10.7	2.3	4.9	2.5	—	1.1	1.2
Selected Amenities²										
Porch, deck, balcony, or patio	1 103.5	711.4	347.2	34.1	18.2	4.4	3.6	1.4	6.5	10.8
Telephone available	1 254.2	770.4	432.2	39.3	22.0	5.8	4.7	1.4	5.4	12.3
Usable fireplace	506.0	414.1	77.6	12.9	3.4	5.9	2.5	—	1.1	1.4
Separate dining room	1 052.3	628.0	387.8	32.6	17.0	6.9	3.3	—	5.4	3.9
With 2 or more living rooms or recreation rooms, etc.	559.7	465.9	86.8	5.6	4.4	1.2	—	—	—	1.4
Garage or carport included with home	771.8	585.6	172.5	12.3	9.8	—	1.4	—	1.0	1.4
Not included	560.0	220.5	293.5	34.0	15.6	8.3	3.3	1.4	5.4	12.0
Off-street parking included	336.0	184.1	114.2	26.8	11.8	4.9	3.3	1.4	5.4	10.9
Off-street parking not reported	—	—	—	—	—	—	—	—	—	—
Garage or carport not reported	2.3	—	2.3	—	—	—	—	—	—	—
Selected Deficiencies²										
Signs of rats in last 3 months	8.1	3.6	4.5	—	—	—	—	—	—	—
Signs of mice in last 3 months	136.7	54.4	79.5	1.4	1.4	—	—	—	—	1.4
Signs of rodents, not sure which kind in last 3 months	3.5	2.4	1.1	—	—	—	—	—	—	—
Holes in floors	17.8	12.4	4.3	—	—	—	—	—	—	1.0
Open cracks or holes (interior)	80.0	43.7	34.9	1.4	1.4	—	—	—	—	—
Broken plaster or peeling paint (interior)	52.5	22.1	29.3	1.0	1.0	—	—	—	—	—
No electrical wiring	—	—	—	—	—	—	—	—	—	—
Exposed wiring	4.4	2.3	2.2	—	—	—	—	—	—	—
Rooms without electric outlets	17.1	6.5	10.6	—	—	—	—	—	—	—

Table 3-23. Units in Structure 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	1, detached	1, attached	Multiunit						Mobile homes
				Total	2 to 4	5 to 9	10 to 19	20 to 49	50 or more	
Selected Physical Problems										
Severe physical problems ²	30.2	18.2	12.1	—	—	—	—	—	—	—
Plumbing	19.5	12.9	6.7	—	—	—	—	—	—	—
Heating	10.6	5.2	5.4	—	—	—	—	—	—	—
Electric	—	—	—	—	—	—	—	—	—	—
Upkeep	1.3	1.3	—	—	—	—	—	—	—	—
Hallways	—	—	—	—	—	—	—	—	—	—
Moderate physical problems ²	38.4	14.8	21.3	1.2	1.2	—	—	—	—	1.0
Plumbing	1.2	—	1.2	—	—	—	—	—	—	—
Heating	2.5	2.5	—	—	—	—	—	—	—	—
Upkeep	25.7	11.2	13.5	—	—	—	—	—	—	1.0
Hallways	—	—	—	—	—	—	—	—	—	—
Kitchen	10.1	2.2	6.6	1.2	1.2	—	—	—	—	—
Persons										
1 person	272.8	134.9	109.2	23.1	12.5	4.9	1.1	1.4	3.2	5.5
2 persons	403.8	240.4	141.9	15.1	6.1	2.2	3.6	—	3.2	6.4
3 persons	233.7	151.5	79.3	2.9	1.7	1.2	—	—	—	—
4 persons	236.2	158.0	75.6	2.7	2.7	—	—	—	—	—
5 persons	118.2	79.0	39.2	—	—	—	—	—	—	—
6 persons	52.2	34.6	15.0	1.1	1.1	—	—	—	—	1.5
7 persons or more	17.2	7.7	8.2	1.3	1.3	—	—	—	—	—
Persons 65 Years Old and Over										
None	941.8	581.9	320.6	27.1	18.8	4.5	2.5	1.4	—	12.2
1 person	250.9	133.5	102.7	14.7	5.5	3.8	1.1	—	4.3	—
2 persons or more	141.4	90.7	45.1	4.4	1.1	—	1.2	—	2.2	1.1
Age of Householder										
Under 25 years	25.8	11.1	13.5	1.2	1.2	—	—	—	—	—
25 to 29	53.5	20.8	28.9	2.3	2.3	—	—	—	—	1.5
30 to 34	94.2	47.5	41.9	4.8	1.2	2.2	1.4	—	—	—
35 to 44	326.5	215.2	101.8	5.8	3.4	—	1.0	1.4	—	3.7
45 to 54	305.0	201.6	92.8	9.1	6.8	2.3	—	—	—	1.4
55 to 64	197.3	122.6	65.2	3.8	3.8	—	—	—	—	5.6
65 to 74	187.7	105.2	71.1	11.4	4.4	2.6	—	—	4.4	1.1
75 years and over	144.1	82.2	53.1	7.7	2.2	1.2	2.3	—	2.1	1.1
Median	50	50	50	55	...	...	...	...	...	...
Household Composition by Age of Householder										
2-or-more-person households	1 061.3	671.2	359.1	23.1	12.9	3.4	3.6	—	3.2	7.9
Married-couple families, no nonrelatives	782.8	552.0	213.8	11.7	6.8	1.2	2.6	—	1.1	5.3
Under 25 years	9.3	6.6	2.7	—	—	—	—	—	—	—
25 to 29 years	30.7	16.0	14.7	—	—	—	—	—	—	—
30 to 34 years	61.1	35.1	24.5	1.4	—	—	1.4	—	—	—
35 to 44 years	219.0	163.1	52.4	2.0	2.0	—	—	—	—	1.5
45 to 64 years	319.2	237.1	75.6	3.8	3.8	—	—	—	—	2.8
65 years and over	143.5	93.9	43.9	4.5	1.1	1.2	1.2	—	1.1	1.1
Other male householder	95.1	41.5	45.6	5.4	2.2	2.2	—	—	1.0	2.5
Under 45 years	50.8	18.9	26.1	3.3	1.2	2.2	—	—	—	2.5
45 to 64 years	30.4	17.1	12.4	1.0	1.0	—	—	—	—	—
65 years and over	13.9	5.6	7.2	1.0	—	—	—	—	1.0	—
Other female householder	183.5	77.7	99.7	6.0	3.9	—	1.0	—	1.1	—
Under 45 years	71.2	23.5	42.8	4.9	3.9	—	1.0	—	—	—
45 to 64 years	60.9	30.4	30.5	—	—	—	—	—	—	—
65 years and over	51.3	23.8	26.4	1.1	—	—	—	—	1.1	—
1-person households	272.8	134.9	109.2	23.1	12.5	4.9	1.1	1.4	3.2	5.5
Male householder	82.7	43.9	27.9	10.9	4.8	3.7	—	1.4	1.0	—
Under 45 years	23.7	12.3	8.9	2.5	1.1	—	—	1.4	—	—
45 to 64 years	29.1	15.1	10.3	3.7	2.6	1.0	—	—	—	—
65 years and over	29.9	16.5	8.7	4.7	1.0	2.6	—	—	1.0	—
Female householder	190.1	91.0	81.3	12.3	7.7	1.3	1.1	—	2.2	5.5
Under 45 years	34.3	18.9	14.1	—	—	—	—	—	—	1.2
45 to 64 years	62.5	24.6	29.2	4.5	3.2	1.3	—	—	—	4.2
65 years and over	93.3	47.5	38.0	7.8	4.5	—	1.1	—	2.2	—
Household Income										
Less than \$5,000	57.7	27.4	26.9	2.3	1.1	1.2	—	—	—	1.1
\$5,000 to \$9,999	57.0	26.1	28.3	1.1	—	—	—	—	1.1	1.5
\$10,000 to \$14,999	65.1	18.8	36.7	6.8	5.7	—	1.2	—	—	2.8
\$15,000 to \$19,999	70.1	31.5	36.5	2.1	1.0	—	1.1	—	—	—
\$20,000 to \$24,999	65.5	33.7	29.2	—	—	—	—	—	—	2.6
\$25,000 to \$29,999	62.9	36.9	22.8	3.2	2.1	—	—	—	1.0	—
\$30,000 to \$34,999	64.3	29.7	29.7	4.8	3.8	—	—	—	1.0	—
\$35,000 to \$39,999	70.5	36.2	28.5	5.7	3.2	—	—	1.4	1.1	—
\$40,000 to \$49,999	142.1	83.5	53.7	3.5	1.1	2.5	—	—	—	1.4
\$50,000 to \$59,999	117.5	69.6	43.3	4.6	—	4.6	—	—	—	—
\$60,000 to \$79,999	194.9	116.3	69.3	8.3	3.6	—	2.5	—	2.2	1.0
\$80,000 to \$99,999	118.1	86.4	27.5	1.3	1.3	—	—	—	—	2.9
\$100,000 to \$119,999	98.0	79.4	17.6	1.1	—	—	—	—	—	—
\$120,000 or more	150.4	130.7	18.4	1.3	1.3	—	—	—	—	—
Median	51 010	61 668	39 216	37 401	...	...	...	...	...	...
As percent of poverty level:										
Less than 50 percent	66.8	28.2	35.2	2.3	1.1	1.2	—	—	—	1.1
50 to 99	63.9	27.7	32.5	2.3	1.2	—	—	—	1.1	1.5
100 to 149	79.4	37.9	35.5	4.6	3.4	—	1.2	—	—	1.4
150 to 199	86.1	43.7	39.0	2.0	2.0	—	—	—	—	1.4
200 percent or more	1 037.8	668.7	326.1	35.0	17.6	7.1	3.6	1.4	5.4	8.0

Table 3-23. Units in Structure 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	1, detached	1, attached	Multiunit						Mobile homes
				Total	2 to 4	5 to 9	10 to 19	20 to 49	50 or more	
Income of Families and Primary Individuals										
Less than \$5,000	60.2	27.4	28.0	3.7	2.5	1.2	—	—	—	1.1
\$5,000 to \$9,999	59.4	26.1	30.7	1.1	—	—	—	—	1.1	1.5
\$10,000 to \$14,999	64.9	20.9	34.4	6.8	5.7	—	1.2	—	—	2.8
\$15,000 to \$19,999	72.5	32.6	37.7	2.1	1.0	—	1.1	—	—	—
\$20,000 to \$24,999	64.4	33.8	28.0	—	—	—	—	—	—	2.6
\$25,000 to \$29,999	66.5	38.2	24.0	4.3	3.3	—	—	—	1.0	—
\$30,000 to \$34,999	60.3	26.2	31.8	2.2	1.2	—	—	—	1.0	—
\$35,000 to \$39,999	76.7	40.1	30.8	5.7	3.2	—	—	—	1.1	—
\$40,000 to \$49,999	144.1	85.6	53.6	3.5	1.1	2.5	—	1.4	—	1.4
\$50,000 to \$59,999	117.6	67.4	45.6	4.6	—	4.6	—	—	—	2.2
\$60,000 to \$79,999	183.3	112.6	61.4	8.3	3.6	—	2.5	—	—	1.0
\$80,000 to \$99,999	117.9	85.1	28.6	1.3	1.3	—	—	—	—	2.9
\$100,000 to \$119,999	95.8	79.4	15.4	1.1	1.1	—	—	—	—	—
\$120,000 or more	150.4	130.7	18.4	1.3	1.3	—	—	—	—	—
Median	49 866	60 833	38 182	37 401	...	...	...	...	...	...
Monthly Housing Costs										
Less than \$100	9.1	1.1	8.1	—	—	—	—	—	—	—
\$100 to \$199	57.2	10.6	41.4	5.2	3.8	—	—	1.4	—	—
\$200 to \$249	48.2	13.8	33.4	1.1	—	—	—	—	1.1	—
\$250 to \$299	58.9	19.4	35.7	1.1	—	—	—	—	1.1	2.7
\$300 to \$349	83.5	29.2	49.7	3.5	2.3	—	1.2	—	—	1.0
\$350 to \$399	87.3	49.4	32.6	1.0	—	—	—	—	—	4.3
\$400 to \$449	70.0	43.9	24.8	—	—	—	—	—	—	1.4
\$450 to \$499	89.5	65.1	19.3	2.2	1.1	—	—	—	—	2.9
\$500 to \$599	124.8	87.8	31.4	5.6	2.3	—	1.1	—	—	—
\$600 to \$699	64.1	31.3	30.2	2.7	2.7	—	—	—	2.1	—
\$700 to \$799	63.1	29.5	28.7	4.9	3.5	1.4	—	—	—	—
\$800 to \$999	137.7	81.3	47.2	8.2	3.3	3.4	1.4	—	—	1.1
\$1,000 to \$1,249	152.5	101.8	43.1	7.5	4.1	2.4	1.0	—	—	—
\$1,250 to \$1,499	111.7	79.8	29.5	2.3	1.3	1.0	—	—	—	—
\$1,500 or more	176.6	162.2	13.3	1.0	1.0	—	—	—	—	—
No cash rent .....	...	...	...	...	...	...	...	...	...	...
Median (excludes no cash rent)	660	854	472	717	...	...	...	...	...	...
Monthly Housing Costs as Percent of Current Income³										
Less than 5 percent	52.5	26.3	23.4	1.3	1.3	—	—	—	—	1.5
5 to 9 percent	229.4	135.5	85.3	6.2	2.6	—	—	1.4	2.2	2.5
10 to 14 percent	227.9	139.5	83.4	3.6	2.2	—	1.4	—	—	1.4
15 to 19 percent	219.9	144.8	67.3	6.6	2.1	1.3	—	—	3.2	1.2
20 to 24 percent	135.5	87.0	38.5	8.6	2.7	4.8	1.0	—	—	1.4
25 to 29 percent	116.5	70.1	43.9	2.4	1.2	—	1.2	—	—	—
30 to 34 percent	74.1	53.7	19.3	1.1	—	—	1.1	—	—	—
35 to 39 percent	56.0	33.9	14.6	6.2	5.1	1.0	—	—	—	1.4
40 to 49 percent	57.8	31.4	20.3	4.7	3.6	—	—	—	1.1	1.4
50 to 59 percent	38.7	24.2	14.5	—	—	—	—	—	—	—
60 to 69 percent	18.1	12.1	4.8	1.2	1.2	—	—	—	—	—
70 to 99 percent	33.8	9.9	20.3	2.1	2.1	—	—	—	—	1.5
100 percent or more ⁴	49.5	26.1	21.3	1.1	1.1	—	—	—	—	1.1
Zero or negative income	24.4	11.7	11.5	1.2	—	1.2	—	—	—	—
No cash rent .....	...	...	...	...	...	...	...	...	...	...
Median (excludes 2 previous lines)	18	18	18	23	...	...	...	...	...	...
Median (excludes 3 lines before medians)	18	18	17	23	...	...	...	...	...	...

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

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

³Beginning with 1989 this item uses current income in its calculation, see Appendix A.

⁴May 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 years	Mobile homes	Physical problems		Black	Hispanic	Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three
				Severe	Moderate								
Total	540.5	2.9	–	19.4	36.9	153.4	37.6	74.5	141.1	117.8	222.0	71.9	50.9
Tenure													
Owner occupied .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Percent of all occupied .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Renter occupied	540.5	2.9	–	19.4	36.9	153.4	37.6	74.5	141.1	117.8	222.0	71.9	50.9
Race and Origin													
White	344.5	2.9	–	12.1	17.9	...	20.9	61.9	86.1	52.5	103.1	61.1	36.1
Non-Hispanic	323.6	2.9	–	12.1	17.9	...	...	59.6	79.9	44.3	93.3	59.9	36.1
Hispanic	20.9	–	–	–	–	...	20.9	2.3	6.2	8.1	9.8	1.2	–
Black	153.4	–	–	6.2	16.8	153.4	1.1	8.0	36.6	54.1	99.4	5.8	11.6
American Indian, Eskimo, and Aleut	1.2	–	–	–	–	...	–	1.2	–	–	–	–	–
Asian and Pacific Islander	15.4	–	–	1.0	1.1	–	–	–	7.0	5.6	5.8	3.7	2.0
Other	26.0	–	–	–	1.1	–	15.7	3.4	11.5	5.6	13.6	–	1.2
Total Hispanic	37.6	–	–	–	–	1.1	37.6	4.4	15.3	11.2	15.2	1.2	1.1
Units in Structure													
1, detached	57.2	–	...	4.4	1.2	14.2	3.5	4.7	5.8	8.4	8.6	8.4	9.0
1, attached	202.0	1.1	...	3.7	12.6	73.2	22.2	20.1	59.4	55.8	114.0	19.8	6.7
2 to 4	115.8	1.8	...	2.2	8.3	25.8	4.2	16.3	29.4	17.6	46.1	18.9	15.8
5 to 9	46.2	–	...	3.7	5.7	14.0	3.0	4.8	14.4	13.5	23.2	4.4	2.1
10 to 19	51.4	–	...	1.0	6.2	10.2	3.5	11.4	16.6	8.5	4.8	5.9	6.6
20 to 49	21.8	–	...	1.0	1.0	4.9	1.1	2.1	4.3	4.6	3.5	4.4	6.5
50 or more	46.1	–	...	3.3	1.9	11.1	–	15.1	11.3	9.3	21.6	10.1	4.2
Mobile home or trailer	–	–	–	–	–	–	–	–	–	–	–	–	–
Cooperatives and Condominiums													
Cooperatives	3.5	–	–	–	–	1.3	–	–	1.2	–	2.5	–	–
Condominiums	25.8	–	–	–	3.7	3.3	3.5	6.0	10.5	3.8	4.6	1.1	2.1
Year Structure Built²													
2000 to 2004	–	–	–	–	–	–	–	–	–	–	–	–	–
1995 to 1999	5.2	2.9	–	–	–	–	–	–	3.0	–	–	1.1	–
1990 to 1994	17.3	...	–	–	1.2	7.1	–	3.4	4.4	6.1	8.0	–	3.6
1985 to 1989	13.1	–	–	–	–	1.2	1.2	1.2	7.0	2.3	4.8	1.2	–
1980 to 1984	18.9	–	–	1.1	1.2	2.4	1.2	3.4	4.8	3.5	6.0	1.1	4.4
1975 to 1979	33.1	–	–	–	1.2	5.4	1.0	6.6	10.1	6.3	4.9	2.5	4.1
1970 to 1974	43.4	–	–	–	2.1	3.1	5.9	11.0	12.8	6.8	4.7	12.4	4.2
1960 to 1969	89.7	–	–	3.1	4.4	13.0	7.9	19.4	20.7	14.5	21.6	17.4	10.4
1950 to 1959	56.8	–	–	1.2	3.8	21.1	4.3	3.2	10.3	13.6	28.0	7.0	2.1
1940 to 1949	50.0	–	–	2.4	4.8	14.9	6.0	3.9	14.6	16.6	24.3	4.1	3.6
1930 to 1939	55.0	–	–	6.1	8.0	25.0	4.2	5.8	8.1	12.6	34.2	3.6	9.1
1920 to 1929	62.3	–	–	–	2.4	27.5	1.2	8.1	21.5	11.3	32.9	13.2	1.2
1919 or earlier	95.6	–	–	5.4	8.0	32.6	4.6	8.4	23.9	24.2	52.4	8.3	8.1
Median	1951	...	...	...	1940	1937	1956	1964	1952	1946	1937	1960	1961

¹See back cover for details.

²For mobile homes, 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 years	Mobile homes	Physical problems		Black	Hispanic	Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three
				Severe	Moderate								
Total	540.5	2.9	–	19.4	36.9	153.4	37.6	74.5	141.1	117.8	222.0	71.9	50.9
Stories in Structure²													
1	45.5	–	–	–	1.1	6.3	4.6	7.1	8.8	6.1	3.9	4.4	5.5
2	179.6	2.9	–	3.4	15.1	44.7	15.0	28.6	52.9	37.3	50.3	24.9	8.8
3	207.1	–	–	10.3	11.8	70.4	15.7	19.8	48.9	46.9	100.3	25.3	28.2
4 to 6	78.4	–	–	3.7	8.0	24.9	2.3	9.1	23.1	20.4	50.5	11.8	7.4
7 or more	29.9	–	–	2.1	1.0	7.0	–	9.8	7.5	7.0	17.0	5.4	1.0
Stories Between Main and Apartment Entrances													
Multiunits, 2 or more floors	271.1	1.8	–	11.3	23.1	64.4	10.7	48.5	69.4	50.9	99.3	43.7	31.8
None (on same floor)	81.2	1.8	–	2.5	11.6	21.6	3.4	11.4	20.5	20.1	29.1	11.4	5.5
1 (up or down)	78.2	–	–	1.0	4.8	20.8	5.1	13.8	17.9	11.0	29.0	11.8	9.0
2 or more (up or down)	111.7	–	–	7.8	6.7	22.0	2.3	23.3	31.0	19.8	41.3	20.5	17.3
Common Stairways													
Multiunits, 2 or more floors	271.1	1.8	–	11.3	23.1	64.4	10.7	48.5	69.4	50.9	99.3	43.7	31.8
No common stairways	31.0	–	–	–	4.8	7.5	3.4	7.0	7.8	.9	5.1	3.6	–
With common stairways	238.0	1.8	–	11.3	18.3	55.9	7.4	41.5	61.6	49.0	93.2	40.1	31.8
No loose steps	213.8	1.8	–	8.9	16.0	46.8	5.5	39.0	53.3	42.2	82.7	37.6	30.7
Railings not loose	174.1	1.8	–	7.8	13.5	38.2	3.2	35.6	43.1	33.3	65.0	33.2	21.7
Railings loose	25.9	–	–	–	2.5	4.8	2.3	2.3	9.1	6.3	14.3	–	5.2
No railings	12.7	–	–	–	–	–	–	–	–	–	–	–	–
Status of railings not reported	1.1	–	–	–	–	–	–	–	1.1	–	–	–	1.1
Loose steps	24.2	–	–	2.4	2.3	9.0	1.9	2.5	8.3	6.8	10.4	2.5	1.2
Railings not loose	16.0	–	–	1.3	–	5.6	1.9	–	7.1	2.0	6.9	2.5	–
Railings loose	5.7	–	–	1.2	2.3	3.5	–	–	1.2	2.3	3.5	–	1.2
No railings	2.5	–	–	–	–	–	–	–	2.5	–	–	–	–
Status of railings not reported	–	–	–	–	–	–	–	–	–	–	–	–	–
Status of stairways not reported	2.1	–	–	–	–	1.1	–	–	–	1.1	1.1	–	–
Light Fixtures in Public Halls													
2 or more units in structure	281.3	1.8	–	11.3	23.1	66.0	11.9	49.6	75.9	53.5	99.3	43.7	35.2
No public halls	34.8	–	–	–	1.2	6.7	1.2	3.4	8.2	5.5	7.4	4.8	1.0
No light fixtures in public halls	2.5	–	–	–	–	1.4	–	–	–	1.4	–	1.1	1.4
All in working order	217.6	1.8	–	11.3	17.3	55.6	9.7	39.5	59.5	41.5	84.4	34.3	28.2
Some in working order	8.2	–	–	–	1.1	1.2	1.0	1.0	2.2	1.1	2.3	1.1	1.4
None in working order	13.3	–	–	–	2.5	–	–	–	5.7	3.2	2.3	2.3	2.1
Not reported	5.0	–	–	–	.9	1.1	–	–	2.8	2.9	2.9	–	1.0
Elevator on Floor													
Multiunits, 2 or more floors	271.1	1.8	–	11.3	23.1	64.4	10.7	48.5	69.4	50.9	99.3	43.7	31.8
With 1 or more elevators working	51.2	–	–	3.3	3.3	9.5	–	13.8	8.3	8.9	19.4	18.5	5.2
With elevator, none in working condition	2.2	–	–	–	–	1.2	–	1.0	–	1.2	–	–	–
No elevator	217.7	1.8	–	8.0	19.8	53.7	10.7	33.6	61.1	40.9	79.9	25.2	26.6
Units 3 or more floors from main entrance	14.3	–	–	2.3	1.1	6.8	–	1.2	3.0	3.3	4.3	–	3.3
Foundation													
1 unit bldg. excl. mobile homes	259.2	1.1	–	8.1	13.8	87.4	25.7	24.8	65.2	64.3	122.7	28.2	15.7
With basement under all of building	159.7	–	–	5.7	11.5	69.4	16.1	12.0	41.4	43.7	99.6	16.4	14.7
With basement under part of building	28.0	–	–	1.2	1.2	3.7	3.9	–	7.5	6.3	10.1	4.7	–
With crawl space	8.2	–	–	–	–	1.2	–	–	2.3	1.2	2.1	–	1.1
On concrete slab	56.7	1.1	–	1.2	1.1	12.0	4.7	10.6	13.9	11.1	9.6	6.0	1.0
Other	6.7	–	–	–	–	1.2	1.1	–	1.2	1.1	3.4	–	–
External Building Conditions³													
Sagging roof	13.0	–	–	–	4.8	9.5	–	1.1	2.4	1.3	5.9	3.5	1.2
Missing roofing material	19.9	–	–	–	5.8	7.3	3.2	1.1	5.7	5.8	10.4	5.0	–
Hole in roof	19.3	–	–	1.2	7.2	9.6	1.2	–	3.7	5.2	10.8	2.6	2.2
Missing bricks, siding, other outside wall material	16.2	–	–	1.2	6.7	9.2	–	1.2	1.1	1.2	8.0	3.7	1.1
Sloping outside walls	9.3	–	–	–	2.3	3.5	–	–	1.0	1.0	4.8	1.3	2.1
Boarded up windows	6.8	–	–	–	1.2	3.4	–	–	1.1	2.2	3.4	1.3	–
Broken windows	19.9	–	–	2.2	5.8	8.7	2.1	1.0	6.2	6.1	9.9	1.1	2.1
Bars on windows	63.7	–	–	2.5	6.7	33.0	2.0	6.4	16.5	24.0	57.4	–	1.0
Foundation crumbling or has open crack or hole	17.7	–	–	3.8	3.4	8.6	–	1.2	4.5	3.8	6.0	1.4	4.3
None of the above	355.9	2.9	–	10.0	15.2	74.0	27.9	47.9	96.6	70.2	112.1	59.7	31.5
Not reported	12.6	–	–	–	–	9.2	–	1.3	2.3	2.3	9.3	–	–
Site Placement													
Mobile homes	–	–	–	–	–	–	–	–	–	–	–	–	–
First site	–	–	–	–	–	–	–	–	–	–	–	–	–
Moved from another site	–	–	–	–	–	–	–	–	–	–	–	–	–
Don't know	–	–	–	–	–	–	–	–	–	–	–	–	–
Not reported	–	–	–	–	–	–	–	–	–	–	–	–	–
Previous Occupancy													
Unit built 1990 or later	22.5	2.9	–	–	1.2	7.1	–	3.4	7.4	6.1	8.0	1.1	3.6
Not previously occupied	1.0	–	–	–	–	–	–	–	–	–	–	–	–
Not reported	–	–	–	–	–	–	–	–	–	–	–	–	–

¹See back cover for details.

²Figures exclude mobile homes.

³Figures 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 years	Mobile homes	Physical problems		Black	Hispanic	Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three
				Severe	Moderate								
Total	540.5	2.9	–	19.4	36.9	153.4	37.6	74.5	141.1	117.8	222.0	71.9	50.9
Rooms													
1 room	1.2	–	–	–	–	–	–	–	1.2	1.2	1.2	–	–
2 rooms	14.3	–	–	1.1	2.5	2.4	1.2	2.4	2.5	2.4	10.9	–	–
3 rooms	137.6	–	–	3.5	10.7	36.5	9.2	34.4	29.1	28.2	52.0	17.8	12.8
4 rooms	164.8	1.8	–	7.6	10.3	42.3	7.7	23.4	51.2	29.5	59.0	18.4	18.9
5 rooms	105.9	–	–	3.2	5.6	30.6	4.4	4.4	26.2	30.6	40.8	16.1	8.7
6 rooms	75.0	1.1	–	1.2	6.7	29.7	11.4	6.6	20.0	15.2	42.8	11.2	5.5
7 rooms	21.0	–	–	1.4	–	9.8	–	–	3.6	6.1	7.2	5.0	2.6
8 rooms	13.4	–	–	1.3	–	–	–	1.1	2.2	3.6	3.4	2.3	2.5
9 rooms	2.4	–	–	–	1.1	1.1	–	–	1.1	–	1.1	–	–
10 rooms or more	4.8	–	–	–	–	1.1	1.4	1.1	2.5	1.4	3.7	1.1	–
Rooms Used for Business													
Business only													
1 or more rooms with direct access	14.6	–	–	1.8	1.2	4.8	1.2	3.3	1.3	–	4.8	1.1	1.2
1 or more rooms, no direct access	19.2	1.1	–	–	–	5.9	–	5.2	2.1	3.6	6.6	2.5	–
Not reported	–	–	–	–	–	–	–	–	–	–	–	–	–
Business and other use													
1 or more rooms	34.8	–	–	3.9	4.3	7.3	–	2.1	7.7	1.4	10.8	3.3	8.2
Not reported	1.2	–	–	–	–	1.2	–	–	1.2	–	1.2	–	–
Bedrooms													
None	8.6	–	–	–	2.5	1.3	1.2	2.4	2.5	2.5	7.4	–	–
1	197.9	–	–	5.8	11.5	61.9	10.3	43.5	43.7	44.7	82.6	23.7	17.0
2	193.7	1.8	–	8.4	12.6	40.3	7.5	21.3	58.0	35.2	64.2	28.5	22.2
3	109.5	1.1	–	3.8	8.3	40.7	16.3	5.0	29.1	27.6	54.2	14.7	9.2
4 or more	30.8	–	–	1.3	2.0	9.2	2.3	2.2	7.9	7.8	13.6	4.9	2.5
Complete Bathrooms													
None	1.2	–	–	–	1.2	–	–	–	–	–	1.2	–	–
1	422.1	1.8	–	14.7	26.8	129.2	30.9	63.5	111.9	100.9	188.7	48.4	39.5
1 and one-half	61.3	1.1	–	2.6	5.5	11.3	3.5	3.1	16.4	8.2	19.4	12.1	4.3
2 or more	55.8	–	–	2.1	3.3	12.8	3.2	7.9	12.7	8.7	12.6	11.3	7.1
Square Footage of Unit													
Single detached and mobile homes													
Less than 500	57.2	–	–	4.4	1.2	14.2	3.5	4.7	5.8	8.4	8.6	8.4	9.0
500 to 749	1.2	–	–	–	–	1.2	–	–	–	1.2	1.2	–	–
750 to 999	2.4	–	–	–	–	1.0	–	–	–	–	–	1.3	1.0
1,000 to 1,499	5.9	–	–	–	–	2.6	–	–	2.2	4.8	–	1.2	3.6
1,500 to 1,999	13.1	–	–	–	1.2	3.6	1.2	–	–	–	2.5	2.3	–
2,000 to 2,499	2.2	–	–	–	–	1.1	1.1	–	–	–	–	–	1.1
2,500 to 2,999	1.1	–	–	–	–	–	–	–	–	–	–	–	1.1
3,000 to 3,999	2.4	–	–	–	–	–	–	–	1.3	–	–	–	–
4,000 or more	7.7	–	–	2.6	–	–	–	1.1	1.1	–	1.2	1.1	–
Not reported	21.2	–	–	1.8	–	4.7	1.2	3.6	1.2	2.4	3.7	2.5	2.2
Median	1 823	...	...	...	...	...	...	...	...	...	...	...	...
Lot Size²													
Less than one-eighth acre	111.6	1.1	–	2.6	10.2	49.8	8.3	10.3	29.7	34.7	64.0	6.9	9.3
One-eighth up to one-quarter acre	73.9	–	–	2.4	2.5	24.8	11.5	4.8	22.4	22.3	49.1	8.1	3.2
One-quarter up to one-half acre	21.5	–	–	–	1.1	8.4	2.3	3.5	3.5	2.4	2.3	2.3	1.1
One-half up to one acre	9.3	–	–	–	–	–	–	2.5	1.1	–	–	1.2	–
1 up to 5 acres	15.8	–	–	1.8	–	–	1.3	1.4	2.5	–	2.5	5.3	–
5 up to 10 acres	3.6	–	–	–	–	1.1	–	–	–	1.2	2.3	–	–
10 acres or more	5.8	–	–	1.3	–	–	–	–	–	1.1	–	3.3	–
Median .....	.14	...	...	...	.13-	.13-	.17	.15	.13-	.13-	.13-	.23	.13-
Persons per Room													
0.50 or less	373.7	2.9	–	13.7	26.2	108.9	12.7	62.8	87.2	69.0	153.3	52.8	33.7
0.51 to 1.00	154.0	–	–	5.6	10.7	35.1	22.5	11.7	49.4	40.6	60.6	19.1	17.2
1.01 to 1.50	12.8	–	–	–	–	9.4	2.4	–	4.5	8.2	8.0	–	–
1.51 or more	–	–	–	–	–	–	–	–	–	–	–	–	–
Persons per Bedroom													
0.50 or less	78.7	1.8	–	1.1	6.6	20.2	2.1	13.1	15.2	10.1	30.4	17.1	9.6
0.51 to 1.00	288.0	1.1	–	13.8	18.4	85.7	9.0	42.1	69.3	64.1	119.2	34.6	26.3
1.01 to 1.50	50.4	–	–	1.1	4.5	13.9	4.6	1.2	19.3	8.4	18.3	10.9	5.0
1.51 or more	114.8	–	–	3.4	4.8	32.3	20.7	15.6	34.9	32.8	46.7	9.3	9.9
No bedrooms	8.6	–	–	–	2.5	1.3	1.2	2.4	2.5	2.5	7.4	–	–
Square Feet per Person													
Single detached and mobile homes													
Less than 200	57.2	–	–	4.4	1.2	14.2	3.5	4.7	5.8	8.4	8.6	8.4	9.0
200 to 299	1.2	–	–	–	–	1.2	–	–	–	1.2	1.2	–	–
300 to 399	1.2	–	–	–	–	–	–	–	1.2	1.2	–	–	–
400 to 499	5.9	–	–	–	–	3.7	–	–	1.0	3.6	–	1.2	3.6
500 to 599	–	–	–	–	–	–	–	–	–	–	–	–	–
600 to 699	2.4	–	–	–	–	–	–	–	–	–	–	–	1.1
700 to 799	1.1	–	–	–	–	–	–	–	–	–	–	–	–
800 to 899	–	–	–	–	–	–	–	–	–	–	–	–	–
900 to 999	4.6	–	–	–	–	2.3	1.2	–	–	–	1.2	2.3	1.0
1,000 to 1,499	6.0	–	–	–	–	–	–	–	–	–	–	1.3	–
1,500 or more	2.7	–	–	1.3	–	–	–	–	–	–	–	–	–
Not reported	11.0	–	–	1.2	1.2	2.3	1.1	1.1	2.4	–	2.5	1.1	1.1
Not reported	21.2	–	–	1.8	–	4.7	1.2	3.6	1.2	2.4	3.7	2.5	2.2
Median	927	...	...	...	...	...	...	...	...	...	...	...	...

¹See back cover for details.

²Does not include multiunits, cooperatives, or condominiums.

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 years	Mobile homes	Physical problems		Black	Hispanic	Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three
				Severe	Moderate								
Total	540.5	2.9	–	19.4	36.9	153.4	37.6	74.5	141.1	117.8	222.0	71.9	50.9
Equipment²													
Lacking complete kitchen facilities	16.4	–	–	2.2	14.2	4.7	–	4.1	6.7	3.3	6.5	2.2	3.2
With complete kitchen (sink, refrigerator, and oven or burners)	524.1	2.9	–	17.2	22.7	148.7	37.6	70.4	134.4	114.4	215.5	69.7	47.7
Kitchen sink	539.4	2.9	–	19.4	35.8	153.4	37.6	74.5	141.1	117.8	222.0	70.8	50.9
Refrigerator	538.3	2.9	–	18.2	35.9	152.2	37.6	73.5	141.1	117.8	222.0	71.9	49.9
Cooking stove or range	536.1	2.9	–	16.9	36.0	152.0	37.6	73.4	140.2	116.8	219.7	71.9	49.9
Burners, no stove or range	2.0	–	–	–	.9	–	–	1.1	.9	.9	.9	–	–
Microwave oven only	2.5	–	–	2.5	–	1.4	–	–	–	–	1.4	–	1.0
Dishwasher	177.5	2.9	–	6.9	8.4	17.4	13.7	25.1	55.9	25.6	43.7	32.1	19.1
Washing machine	246.1	2.9	–	8.9	12.5	54.0	22.1	26.6	59.9	49.7	92.1	30.9	22.9
Clothes dryer	204.9	2.9	–	7.9	11.2	32.6	15.0	21.6	50.6	29.7	65.7	30.9	20.7
Disposal in kitchen sink	168.0	1.8	–	8.4	8.2	22.4	9.0	28.3	48.4	25.2	58.5	28.4	9.6
Trash compactor	8.9	–	–	–	2.2	1.1	1.1	3.3	2.2	1.1	3.4	1.1	1.0
Air conditioning:													
Central	165.4	2.9	–	6.6	6.5	20.3	11.4	31.4	51.8	26.2	45.1	20.9	13.8
Additional central	6.9	–	–	–	–	2.1	–	2.3	3.4	2.5	4.8	–	–
1 room unit	161.2	–	–	5.0	15.6	60.7	9.1	13.2	32.9	37.5	70.1	21.5	17.7
2 room units	106.0	–	–	3.7	9.1	18.7	7.9	18.5	29.5	20.4	37.5	23.7	13.1
3 room units or more	24.0	–	–	–	1.1	3.6	2.4	3.3	2.1	4.0	11.9	2.2	1.1
Main Heating Equipment													
Warm-air furnace	268.0	–	–	9.3	13.5	77.5	24.2	28.1	77.6	59.5	106.4	21.7	27.1
Steam or hot water system	183.4	–	–	7.6	17.6	62.9	8.9	23.4	43.7	46.5	92.1	35.9	15.1
Electric heat pump	28.1	2.9	–	1.2	1.2	3.5	–	6.8	7.9	4.8	7.2	3.6	3.4
Built-in electric units	38.6	–	–	–	2.3	5.9	2.4	10.3	6.3	5.7	7.3	9.4	3.3
Floor, wall, or other built-in hot-air units without ducts	15.3	–	–	1.2	–	1.2	2.1	4.8	2.2	–	7.8	–	1.0
Room heaters with flue	4.8	–	–	–	1.3	1.3	–	–	2.3	1.3	1.3	1.2	1.0
Room heaters without flue	1.1	–	–	–	1.1	–	–	–	1.1	–	–	–	–
Portable electric heaters	–	–	–	–	–	–	–	–	–	–	–	–	–
Stoves	–	–	–	–	–	–	–	–	–	–	–	–	–
Fireplaces with inserts	–	–	–	–	–	–	–	–	–	–	–	–	–
Fireplaces without inserts	–	–	–	–	–	–	–	–	–	–	–	–	–
Other	1.2	–	–	–	–	–	1.2	1.2	–	–	–	–	–
Cooking stove	–	–	–	–	–	–	–	–	–	–	–	–	–
None	–	–	–	–	–	–	–	–	–	–	–	–	–
Other Heating Equipment²													
Warm-air furnace	1.2	–	–	–	–	–	–	–	–	–	–	–	–
Steam or hot water system	1.1	–	–	–	–	1.1	–	–	–	–	–	–	1.1
Electric heat pump	–	–	–	–	–	–	–	–	–	–	–	–	–
Built-in electric units	1.1	–	–	–	–	–	–	1.1	–	–	–	1.1	–
Floor, wall, or other built-in hot-air units without ducts	1.1	–	–	–	1.1	1.1	–	–	1.1	–	1.1	–	–
Room heaters with flue	2.3	–	–	–	–	–	–	1.1	–	–	1.2	1.1	–
Room heaters without flue	4.9	–	–	–	2.5	2.5	–	–	1.0	1.2	2.5	1.4	1.0
Portable electric heaters	38.2	–	–	4.9	5.6	18.4	2.4	3.5	3.4	14.5	22.9	7.1	3.4
Stoves	3.5	–	–	–	–	1.1	1.1	–	–	–	–	1.3	1.1
Fireplaces with inserts	1.3	–	–	–	–	–	–	–	–	–	–	–	–
Fireplaces without inserts	1.1	–	–	–	–	–	–	–	1.1	–	–	–	–
Other	2.5	–	–	–	–	–	–	–	–	–	–	–	–
Cooking stove	1.2	–	–	1.2	–	1.2	–	–	–	1.2	1.2	–	–
None	486.1	2.9	–	14.5	28.8	129.3	34.1	68.8	135.5	102.0	194.3	62.6	44.3
Used as parallel heating equipment ²	3.5	–	–	1.2	–	1.2	–	1.1	–	1.2	2.4	1.1	–
Warm-air furnace	–	–	–	–	–	–	–	–	–	–	–	–	–
Steam or hot water system	–	–	–	–	–	–	–	–	–	–	–	–	–
Electric heat pump	–	–	–	–	–	–	–	–	–	–	–	–	–
Built-in electric units	1.1	–	–	–	–	–	–	1.1	–	–	–	1.1	–
Floor, wall, or other built-in hot-air units without ducts	–	–	–	–	–	–	–	–	–	–	–	–	–
Room heaters with flue	1.2	–	–	–	–	–	–	–	–	–	1.2	–	–
Stoves	–	–	–	–	–	–	–	–	–	–	–	–	–
Fireplaces with inserts	–	–	–	–	–	–	–	–	–	–	–	–	–
Fireplaces with no inserts	–	–	–	–	–	–	–	–	–	–	–	–	–
Cooking stove	1.2	–	–	1.2	–	1.2	–	–	–	1.2	1.2	–	–
Other	–	–	–	–	–	–	–	–	–	–	–	–	–
Used as supplemental heating equipment ²	51.0	–	–	4.9	8.1	23.1	3.5	4.6	5.6	15.7	25.4	8.2	6.6
Warm-air furnace	1.2	–	–	–	–	–	–	–	–	–	–	–	–
Steam or hot water system	1.1	–	–	–	–	1.1	–	–	–	–	–	–	1.1
Electric heat pump	–	–	–	–	–	–	–	–	–	–	–	–	–
Built-in electric units	–	–	–	–	–	–	–	–	–	–	–	–	–
Floor, wall, or other built-in hot-air units without ducts	1.1	–	–	–	1.1	1.1	–	–	1.1	–	1.1	–	–
Room heaters with flue	1.1	–	–	–	–	–	–	1.1	–	–	–	1.1	–
Room heaters without flue	4.9	–	–	–	2.5	2.5	–	–	1.0	1.2	2.5	1.4	1.0
Portable electric heaters	38.2	–	–	4.9	5.6	18.4	2.4	3.5	3.4	14.5	22.9	7.1	3.4
Stoves	3.5	–	–	–	–	1.1	1.1	–	–	–	–	1.3	1.1
Fireplaces with inserts	1.3	–	–	–	–	–	–	–	–	–	–	–	–
Fireplaces with no inserts	1.1	–	–	–	–	–	–	–	1.1	–	–	–	–
Cooking stove	–	–	–	–	–	–	–	–	–	–	–	–	–
Other	2.5	–	–	–	–	–	–	–	–	–	–	–	–
Plumbing													
With all plumbing facilities	532.2	2.9	–	11.0	36.9	152.1	37.6	74.5	138.7	115.4	217.1	70.8	49.9
Lacking some or all plumbing facilities ²	8.3	–	–	8.3	–	1.3	–	–	2.4	2.4	4.9	1.1	1.0
No hot piped water	–	–	–	–	–	–	–	–	–	–	–	–	–
No bathtub and no shower	–	–	–	–	–	–	–	–	–	–	–	–	–
No flush toilet	–	–	–	–	–	–	–	–	–	–	–	–	–
No exclusive use	8.3	–	–	8.3	–	1.3	–	–	2.4	2.4	4.9	1.1	1.0

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 years	Mobile homes	Physical problems		Black	Hispanic	Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three
				Severe	Moderate								
Primary Source of Water													
Public system or private company	514.8	2.9	–	18.0	36.9	152.3	37.6	73.0	139.8	116.5	220.8	66.5	50.9
Well serving 1 to 5 units	24.5	–	–	1.3	–	1.1	–	1.4	1.3	–	–	5.4	–
Drilled	20.5	–	–	–	–	1.1	–	1.4	–	–	–	4.1	–
Dug	1.3	–	–	1.3	–	–	–	–	–	–	–	–	–
Not reported	2.7	–	–	–	–	–	–	–	1.3	–	–	1.4	–
Other	1.2	–	–	–	–	–	–	–	–	1.2	1.2	–	–
Safety of Primary Source of Water													
Selected primary water sources ³	540.5	2.9	–	19.4	36.9	153.4	37.6	74.5	141.1	117.8	222.0	71.9	50.9
Safe to drink	460.1	2.9	–	14.6	28.9	124.7	29.1	67.0	119.8	97.6	182.5	65.7	47.7
Not safe to drink	74.7	–	–	3.3	8.0	26.2	8.5	7.5	20.2	19.1	35.9	6.2	3.2
Safety not reported	5.7	–	–	1.4	–	2.5	–	–	1.1	1.1	3.6	–	–
Source of Drinking Water													
Primary source not safe to drink	74.7	–	–	3.3	8.0	26.2	8.5	7.5	20.2	19.1	35.9	6.2	3.2
Drinking and primary water source the same	25.4	–	–	1.0	2.4	10.3	–	1.1	7.4	7.9	14.5	2.2	1.0
Public or private system	25.4	–	–	1.0	2.4	10.3	–	1.1	7.4	7.9	14.5	2.2	1.0
Individual well	–	–	–	–	–	–	–	–	–	–	–	–	–
Spring	–	–	–	–	–	–	–	–	–	–	–	–	–
Cistern	–	–	–	–	–	–	–	–	–	–	–	–	–
Stream or lake	–	–	–	–	–	–	–	–	–	–	–	–	–
Other	–	–	–	–	–	–	–	–	–	–	–	–	–
Drinking and primary water source different	48.1	–	–	1.2	5.7	14.7	8.5	6.4	12.7	11.2	21.4	3.9	2.2
Public or private system	–	–	–	–	–	–	–	–	–	–	–	–	–
Individual well	–	–	–	–	–	–	–	–	–	–	–	–	–
Spring	3.5	–	–	–	1.2	1.2	–	1.3	2.3	1.3	2.3	–	–
Cistern	–	–	–	–	–	–	–	–	–	–	–	–	–
Stream or lake	1.0	–	–	–	–	1.0	–	–	–	–	–	–	–
Commercial bottled water	34.6	–	–	1.2	4.5	11.3	8.5	1.1	9.2	7.5	11.3	3.9	1.0
Other	9.0	–	–	–	–	1.2	–	4.1	1.3	2.5	7.8	–	1.2
Source of drinking water not reported	1.2	–	–	1.2	–	1.2	–	–	–	–	–	–	–
Means of Sewage Disposal													
Public sewer	515.2	2.9	–	18.0	36.9	149.6	37.6	74.5	139.8	112.4	220.7	69.1	48.3
Septic tank, cesspool, chemical toilet	25.3	–	–	1.3	–	3.8	–	–	1.3	5.3	1.2	2.8	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 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 years	Mobile homes	Physical problems		Black	Hispanic	Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three
				Severe	Moderate								
Total	540.5	2.9	–	19.4	36.9	153.4	37.6	74.5	141.1	117.8	222.0	71.9	50.9
Main House Heating Fuel													
Housing units with heating fuel	540.5	2.9	–	19.4	36.9	153.4	37.6	74.5	141.1	117.8	222.0	71.9	50.9
Electricity	115.8	2.9	–	3.4	6.8	21.5	5.8	25.0	31.2	23.1	29.1	15.4	16.4
Piped gas	325.1	–	–	10.0	27.7	106.4	27.1	41.1	89.9	85.1	169.1	34.6	23.4
Bottled gas	2.1	–	–	–	–	–	–	–	1.0	–	1.1	–	1.0
Fuel oil	91.8	–	–	6.0	2.4	23.2	3.6	7.1	16.7	9.6	22.6	20.6	9.0
Kerosene or other liquid fuel	3.4	–	–	–	–	1.2	–	1.2	2.3	–	–	1.2	1.0
Coal or coke	–	–	–	–	–	–	–	–	–	–	–	–	–
Wood	1.0	–	–	–	–	1.0	–	–	–	–	–	–	–
Solar energy	–	–	–	–	–	–	–	–	–	–	–	–	–
Other	1.2	–	–	–	–	–	–	–	–	–	–	–	–
Other House Heating Fuels²													
With other heating fuel	53.3	–	–	4.9	8.1	23.1	3.5	5.6	5.6	15.7	26.6	9.3	6.6
Electricity	40.4	–	–	4.9	5.6	18.4	2.4	4.6	3.4	14.5	22.9	8.2	3.4
Piped gas	2.3	–	–	–	1.1	1.1	–	–	1.1	–	2.3	–	–
Bottled gas	2.6	–	–	–	–	–	–	–	–	–	–	–	–
Fuel oil	2.2	–	–	–	–	1.1	–	1.1	–	–	–	1.1	1.1
Kerosene or other liquid fuel	4.9	–	–	–	2.5	2.5	–	–	1.0	1.2	2.5	1.4	1.0
Coal or coke	–	–	–	–	–	–	–	–	–	–	–	–	–
Wood	4.6	–	–	–	–	1.1	1.1	–	1.1	–	–	–	1.1
Solar energy	–	–	–	–	–	–	–	–	–	–	–	–	–
Other	1.3	–	–	–	–	–	–	–	–	–	–	1.3	–
Cooking Fuel													
With cooking fuel	540.5	2.9	–	19.4	36.9	153.4	37.6	74.5	141.1	117.8	222.0	71.9	50.9
Electricity	213.2	2.9	–	11.4	11.4	33.0	15.4	28.6	54.9	33.9	38.8	47.0	23.6
Piped gas	320.3	–	–	7.9	25.5	117.1	20.9	44.7	85.1	83.9	183.2	24.8	26.3
Bottled gas	7.0	–	–	–	–	3.3	1.3	1.2	1.0	–	–	–	1.0
Kerosene or other liquid fuel	–	–	–	–	–	–	–	–	–	–	–	–	–
Coal or coke	–	–	–	–	–	–	–	–	–	–	–	–	–
Wood	–	–	–	–	–	–	–	–	–	–	–	–	–
Solar energy	–	–	–	–	–	–	–	–	–	–	–	–	–
Other	–	–	–	–	–	–	–	–	–	–	–	–	–
Water Heating Fuel													
With hot piped water	540.5	2.9	–	19.4	36.9	153.4	37.6	74.5	141.1	117.8	222.0	71.9	50.9
Electricity	140.6	2.9	–	6.4	7.7	20.4	8.4	25.0	34.5	18.0	21.1	18.5	21.5
Piped gas	351.5	–	–	11.7	28.0	116.4	27.1	43.5	98.0	96.1	184.1	38.1	26.1
Bottled gas	5.6	–	–	1.3	–	2.1	1.1	–	1.0	–	1.1	–	1.0
Fuel oil	39.1	–	–	–	1.3	14.4	1.1	5.0	6.3	2.4	14.5	12.7	2.3
Kerosene or other liquid fuel	–	–	–	–	–	–	–	–	–	–	–	–	–
Coal or coke	–	–	–	–	–	–	–	–	–	–	–	–	–
Wood	–	–	–	–	–	–	–	–	–	–	–	–	–
Solar energy	–	–	–	–	–	–	–	–	–	–	–	–	–
Other	3.8	–	–	–	–	–	–	1.1	1.2	1.2	1.2	2.6	–
Central Air Conditioning Fuel													
With central air conditioning	165.4	2.9	–	6.6	6.5	20.3	11.4	31.4	51.8	26.2	45.1	20.9	13.8
Electricity	152.9	2.9	–	6.6	6.5	18.1	11.4	31.4	47.3	26.2	39.1	18.7	13.8
Piped gas	11.3	–	–	–	–	2.2	–	–	4.5	–	4.7	2.2	–
Other	1.2	–	–	–	–	–	–	–	–	–	1.2	–	–
Other Central Air Fuel													
With other central air	6.9	–	–	–	–	2.1	–	2.3	3.4	2.5	4.8	–	–
Electricity	6.9	–	–	–	–	2.1	–	2.3	3.4	2.5	4.8	–	–
Gas	–	–	–	–	–	–	–	–	–	–	–	–	–
Other	–	–	–	–	–	–	–	–	–	–	–	–	–
Clothes Dryer Fuel													
With clothes dryer	204.9	2.9	–	7.9	11.2	32.6	15.0	21.6	50.6	29.7	65.7	30.9	20.7
Electricity	160.4	2.9	–	7.9	7.9	26.6	12.5	16.2	35.3	21.0	40.2	26.5	12.0
Piped gas	44.5	–	–	–	3.4	6.1	2.5	5.4	15.3	8.7	25.5	4.4	8.7
Other	–	–	–	–	–	–	–	–	–	–	–	–	–
Units Using Each Fuel²													
Electricity	540.5	2.9	–	19.4	36.9	153.4	37.6	74.5	141.1	117.8	222.0	71.9	50.9
Piped gas	402.3	–	–	13.5	32.3	136.2	29.4	53.3	111.6	105.4	204.5	43.0	36.1
Bottled gas	13.1	–	–	1.3	–	3.3	2.4	1.2	1.0	–	1.1	1.2	1.0
Fuel oil	132.9	1.1	–	7.1	4.4	33.8	5.7	19.3	28.3	14.0	36.5	28.7	10.2
Kerosene or other liquid fuel	8.3	–	–	–	2.5	3.6	–	1.2	3.3	1.2	2.5	2.6	2.1
Coal or coke	–	–	–	–	–	–	–	–	–	–	–	–	–
Wood	5.6	–	–	–	–	2.1	1.1	–	1.1	–	–	–	1.1
Solar energy	–	–	–	–	–	–	–	–	–	–	–	–	–
Other	7.5	–	–	–	–	–	–	1.1	1.2	1.2	2.4	3.9	–
All electric units	73.8	2.9	–	2.1	4.6	6.9	3.5	16.2	18.0	8.9	11.4	11.6	10.6

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 years	Mobile homes	Physical problems		Black	Hispanic	Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three
				Severe	Moderate								
Total	540.5	2.9	–	19.4	36.9	153.4	37.6	74.5	141.1	117.8	222.0	71.9	50.9
Water Supply Stoppage													
With hot and cold piped water	540.5	2.9	–	19.4	36.9	153.4	37.6	74.5	141.1	117.8	222.0	71.9	50.9
No stoppage in last 3 months	502.5	2.9	–	14.7	33.3	141.4	35.4	71.2	129.5	104.7	206.7	67.4	46.2
With stoppage in last 3 months	32.1	–	–	4.6	3.6	8.4	1.2	3.2	9.3	9.4	11.9	4.5	2.2
No stoppage lasting 6 hours or more	11.8	–	–	1.2	–	2.5	1.2	1.1	2.5	3.6	6.0	2.3	1.0
1 time lasting 6 hours or more	9.9	–	–	1.1	–	1.2	–	1.1	5.7	1.2	1.2	2.2	1.2
2 times	3.4	–	–	–	1.3	–	–	–	1.1	1.3	1.3	–	–
3 times	3.5	–	–	1.2	2.3	2.4	–	–	–	1.2	2.3	–	–
4 times or more	2.2	–	–	1.2	–	1.2	–	1.1	–	1.1	1.1	–	–
Number of times not reported	1.2	–	–	–	–	1.2	–	–	–	1.2	–	–	–
Stoppage not reported	5.9	–	–	–	–	3.6	1.1	–	2.3	3.6	3.4	–	2.6
Flush Toilet Breakdowns													
With one or more flush toilets	540.5	2.9	–	19.4	36.9	153.4	37.6	74.5	141.1	117.8	222.0	71.9	50.9
With at least one working toilet at all times in last 3 months	506.7	2.9	–	14.8	34.4	141.2	36.5	73.4	131.9	103.8	199.3	70.6	48.7
None working some time in last 3 months	30.4	–	–	4.6	2.5	11.1	–	1.1	6.9	12.9	19.3	1.3	2.2
No breakdowns lasting 6 hours or more	11.9	–	–	–	–	2.3	–	1.1	3.6	4.8	8.5	–	1.2
1 time lasting 6 hours or more	10.9	–	–	2.0	1.1	2.5	–	–	3.2	3.2	5.6	1.3	1.0
2 times	6.2	–	–	2.6	1.3	5.0	–	–	–	3.6	3.9	–	–
3 times	–	–	–	–	–	–	–	–	–	–	–	–	–
4 times or more .....	.1	–	–	–	.1	.1	–	–	.1	–	.1	–	–
Number of times not reported	1.2	–	–	–	–	1.2	–	–	–	1.2	1.2	–	–
Breakdowns not reported	3.4	–	–	–	–	1.1	1.1	–	2.3	1.1	3.4	–	–
Sewage Disposal Breakdowns													
With public sewer	515.2	2.9	–	18.0	36.9	149.6	37.6	74.5	139.8	112.4	220.7	69.1	48.3
No breakdowns in last 3 months	502.3	2.9	–	15.4	34.4	144.7	36.5	74.5	137.4	108.7	213.3	69.1	47.2
With breakdowns in last 3 months	12.8	–	–	2.6	2.5	4.9	1.2	–	2.4	3.7	7.4	–	1.1
No breakdowns lasting 6 hours or more	3.4	–	–	–	–	–	–	–	1.2	2.4	2.4	–	–
1 time lasting 6 hours or more	4.4	–	–	–	–	1.1	1.2	–	–	–	1.1	–	1.1
2 times	–	–	–	–	–	–	–	–	–	–	–	–	–
3 times	1.3	–	–	–	1.3	–	–	–	–	1.3	1.3	–	–
4 times or more	3.8	–	–	2.6	1.2	3.8	–	–	1.2	–	2.6	–	–
With septic tank or cesspool	25.3	–	–	1.3	–	3.8	–	–	1.3	5.3	1.2	2.8	2.6
No breakdowns in last 3 months	24.1	–	–	1.3	–	2.6	–	–	1.3	4.1	–	2.8	2.6
With breakdowns in last 3 months	1.2	–	–	–	–	1.2	–	–	–	1.2	1.2	–	–
No breakdowns lasting 6 hours or more	–	–	–	–	–	–	–	–	–	–	–	–	–
1 time lasting 6 hours or more	–	–	–	–	–	–	–	–	–	–	–	–	–
2 times	–	–	–	–	–	–	–	–	–	–	–	–	–
3 times	–	–	–	–	–	–	–	–	–	–	–	–	–
4 times or more	1.2	–	–	–	–	1.2	–	–	–	1.2	1.2	–	–
Heating Problems													
With heating equipment and occupied last winter	441.9	1.1	–	17.0	30.2	128.3	27.2	72.3	42.5	97.1	170.7	61.3	45.6
Not uncomfortably cold for 24 hours or more last winter	370.2	1.1	–	4.6	19.7	95.0	22.9	68.0	39.3	77.0	144.4	54.0	35.3
Uncomfortably cold for 24 hours or more last winter ²	65.9	–	–	12.4	10.4	29.7	4.3	3.1	3.2	17.6	24.0	7.3	7.7
Equipment breakdowns	24.4	–	–	9.9	2.5	13.0	2.0	1.0	3.2	6.6	8.4	2.3	4.5
No breakdowns lasting 6 hours or more	–	–	–	–	–	–	–	–	–	–	–	–	–
1 time lasting 6 hours or more	7.7	–	–	–	–	4.5	.9	1.0	2.2	.9	2.2	1.2	1.1
2 times	6.9	–	–	–	2.5	4.8	1.2	–	–	3.3	3.6	–	1.2
3 times	3.9	–	–	–	3.9	–	–	–	1.0	–	–	1.1	1.0
4 times or more	5.9	–	–	–	5.9	–	3.8	–	–	2.4	2.6	–	1.2
Number of times not reported	–	–	–	–	–	–	–	–	–	–	–	–	–
Other causes	47.3	–	–	6.0	9.2	20.4	2.3	2.1	2.1	11.0	19.4	6.1	4.2
Utility interruption	4.8	–	–	1.4	2.3	3.8	–	–	–	–	3.8	–	1.0
Inadequate heating capacity	11.2	–	–	2.6	–	6.1	1.2	1.0	–	–	5.2	2.6	–
Inadequate insulation	10.3	–	–	1.3	2.3	6.9	1.1	1.0	1.1	–	2.3	4.8	–
Cost of heating	5.1	–	–	1.4	1.1	2.8	–	–	–	2.6	2.7	–	1.1
Other	20.0	–	–	2.1	3.4	4.9	–	1.1	1.0	5.1	5.9	3.5	2.1
Not reported	2.4	–	–	–	–	2.4	–	–	–	2.4	1.2	–	–
Reason for discomfort not reported	–	–	–	–	–	–	–	–	–	–	–	–	–
Discomfort not reported	5.8	–	–	–	–	3.6	–	1.2	–	2.6	2.3	–	2.6
Electric Fuses and Circuit Breakers													
With electrical wiring	540.5	2.9	–	19.4	36.9	153.4	37.6	74.5	141.1	117.8	222.0	71.9	50.9
No fuses or breakers blown in last 3 months	458.8	2.9	–	12.9	28.4	131.7	31.2	65.7	122.6	98.2	183.1	61.4	44.2
With fuses or breakers blown in last 3 months	74.0	–	–	6.5	7.2	18.4	5.4	7.8	15.2	19.6	35.4	9.4	6.7
1 time	33.5	–	–	2.1	3.6	9.3	3.2	2.5	6.9	10.2	17.3	4.8	2.1
2 times	15.8	–	–	1.2	1.3	2.3	1.1	5.3	2.5	5.8	8.9	1.2	1.0
3 times	15.6	–	–	2.1	2.4	3.4	1.2	–	3.4	1.5	7.2	2.2	2.1
4 times or more	9.2	–	–	1.2	–	3.4	–	–	2.5	2.1	2.0	1.1	1.4
Number of times not reported	–	–	–	–	–	–	–	–	–	–	–	–	–
Problem not reported or don't know	7.7	–	–	–	1.2	3.3	1.1	1.0	3.3	–	3.5	1.1	–

¹See back cover for details.

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

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

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

Characteristics	Total occupied units	Housing unit characteristics				Household characteristics					Selected subareas ¹		
		New construction 4 years	Mobile homes	Physical problems		Black	Hispanic	Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three
				Severe	Moderate								
Total	540.5	2.9	–	19.4	36.9	153.4	37.6	74.5	141.1	117.8	222.0	71.9	50.9
Selected Amenities²													
Porch, deck, balcony, or patio	286.3	1.8	–	10.4	19.3	70.8	24.1	41.1	76.0	38.2	89.7	43.6	31.3
Telephone available	483.1	1.8	–	13.2	34.6	127.3	32.1	69.7	128.8	99.3	185.3	69.7	47.0
Usable fireplace	29.7	1.8	–	–	–	1.1	1.2	2.3	6.5	1.1	3.7	3.8	4.4
Separate dining room	189.3	1.1	–	6.2	8.7	64.6	14.9	13.4	53.4	35.9	78.3	36.8	20.2
With 2 or more living rooms or recreation rooms, etc.	44.9	–	–	2.4	2.3	4.8	2.6	10.6	9.7	7.3	10.2	9.5	3.7
Garage or carport included with home	67.4	1.8	–	2.5	3.3	7.4	2.5	8.5	11.5	12.1	27.3	8.4	8.3
Not included	473.1	1.1	–	16.8	33.5	146.0	35.1	65.9	129.7	105.7	194.7	63.5	42.6
Off-street parking included	283.7	1.1	–	11.9	12.3	57.9	24.7	47.2	80.4	44.7	54.9	53.1	31.9
Off-street parking not reported	1.2	–	–	–	–	–	–	1.2	–	–	1.2	–	–
Garage or carport not reported	–	–	–	–	–	–	–	–	–	–	–	–	–
Cars and Trucks Available²													
No cars, trucks, or vans	154.1	–	–	7.1	9.0	83.7	10.0	31.7	32.2	63.8	110.0	8.0	6.6
Other households without cars	31.5	–	–	–	2.3	3.4	1.3	6.5	9.3	5.8	14.5	3.9	2.2
1 car with or without trucks or vans	265.2	1.8	–	9.9	18.5	52.2	18.7	34.0	76.9	37.8	75.3	43.9	31.7
2 cars	79.2	1.1	–	2.4	5.6	10.1	6.6	2.3	19.7	5.9	18.6	16.1	5.7
3 or more cars	10.4	–	–	–	1.4	4.0	1.1	–	3.0	4.5	3.6	–	4.8
With cars, no trucks or vans	307.8	2.9	–	10.9	23.2	60.4	24.2	35.1	88.6	48.2	91.0	52.5	36.4
1 truck or van with or without cars	60.7	–	–	1.3	2.4	3.6	1.1	6.4	13.4	3.5	14.1	8.9	8.0
2 or more trucks or vans	17.9	–	–	–	2.3	5.8	2.4	1.2	7.0	2.3	7.0	2.5	–
Owner or Manager on Property													
Rental, multiunit ³	281.3	1.8	...	11.3	23.1	66.0	11.9	49.6	75.9	53.5	99.3	43.7	35.2
Owner or manager lives on property	51.9	–	...	1.0	6.8	11.5	3.5	5.6	17.6	7.5	11.9	10.7	7.4
Neither owner nor manager lives on property	229.4	1.8	...	10.2	16.2	54.5	8.5	44.0	58.3	46.0	87.4	33.0	27.7
Selected Deficiencies²													
Signs of rats in last 3 months	7.2	–	–	1.2	1.3	2.4	3.6	1.1	2.3	2.5	6.0	–	–
Signs of mice in last 3 months	89.9	–	–	6.3	10.0	57.9	7.6	3.4	20.9	40.7	61.1	6.2	5.5
Signs of rodents, not sure which kind in last 3 months	2.3	–	–	–	1.2	1.2	–	–	–	1.1	2.3	–	–
Holes in floors	11.9	–	–	1.2	3.4	3.3	–	–	2.4	1.0	3.4	2.6	–
Open cracks or holes (interior)	56.7	–	–	6.0	19.3	29.4	2.1	3.7	6.1	14.3	32.1	8.3	1.2
Broken plaster or peeling paint (interior)	33.0	–	–	6.0	11.9	19.5	–	4.6	3.5	8.3	13.2	4.9	4.6
No electrical wiring	–	–	–	–	–	–	–	–	–	–	–	–	–
Exposed wiring	3.7	–	–	1.0	–	–	1.3	–	–	–	–	–	1.4
Rooms without electric outlets	14.4	–	–	–	4.6	3.6	3.5	–	2.4	2.5	8.4	3.4	1.4
Water Leakage During Last 12 Months													
No leakage from inside structure	451.5	2.9	–	14.7	18.0	128.0	34.3	69.7	127.0	100.3	180.6	60.5	44.4
With leakage from inside structure ²	86.9	–	–	4.7	18.9	24.4	2.2	4.8	13.1	16.3	39.3	11.4	6.5
Fixtures backed up or overflowed	15.0	–	–	1.4	4.7	6.3	–	–	3.3	7.0	8.5	1.1	3.3
Pipes leaked	49.6	–	–	3.2	8.4	12.0	2.2	–	8.5	5.7	19.2	8.0	3.2
Broken water heater	9.6	–	–	1.4	3.2	3.9	1.2	–	–	1.4	4.8	1.2	–
Other or unknown (includes not reported)	18.7	–	–	–	3.6	3.6	–	4.8	1.3	2.3	10.5	2.2	–
Interior leakage not reported	2.2	–	–	–	–	1.1	1.1	–	1.1	1.1	2.2	–	–
No leakage from outside structure	445.1	2.9	–	14.7	18.0	122.3	30.8	67.7	116.7	100.8	171.8	56.0	43.4
With leakage from outside structure ²	93.3	–	–	4.6	18.9	30.1	5.8	6.7	23.4	15.9	48.0	15.8	7.5
Roof	40.3	–	–	–	9.8	12.6	2.4	1.2	8.3	8.4	24.7	7.2	3.2
Basement	29.6	–	–	1.4	3.6	13.1	1.2	1.1	10.4	4.2	15.3	5.1	3.4
Walls, closed windows, or doors	29.2	–	–	3.2	4.4	8.1	3.3	5.6	7.8	5.8	11.8	4.8	3.1
Other or unknown (includes not reported)	6.5	–	–	–	2.2	1.1	–	–	2.3	.9	3.2	–	1.0
Exterior leakage not reported	2.2	–	–	–	–	1.1	1.1	–	1.1	1.1	2.2	–	–
Overall Opinion of Structure													
1 (worst)	5.6	–	–	1.2	–	3.5	.9	1.2	–	3.2	2.3	1.2	–
2	2.1	–	–	–	–	1.1	–	–	–	–	1.1	–	–
3	7.8	–	–	2.2	–	2.3	–	–	4.4	2.3	2.1	2.2	–
4	4.4	–	–	1.2	2.2	1.1	–	–	2.1	–	–	1.1	2.2
5	55.1	–	–	2.2	8.7	21.0	6.8	9.4	14.5	11.9	25.3	2.3	6.4
6	48.4	–	–	1.0	3.6	14.6	1.0	2.3	10.6	11.1	22.9	4.8	2.1
7	113.9	1.1	–	5.1	4.0	34.3	9.3	10.4	27.5	26.2	51.1	15.1	7.1
8	156.3	–	–	3.0	12.2	33.6	10.5	26.9	37.0	35.2	63.4	29.5	14.5
9	55.2	–	–	2.1	–	14.1	2.3	4.3	19.4	8.5	16.6	5.5	9.1
10 (best)	79.1	1.8	–	1.2	5.2	18.6	6.8	20.0	22.0	18.2	27.8	8.9	9.5
Not reported	12.6	–	–	–	1.1	9.2	–	–	3.5	1.2	9.3	1.1	–
Selected Physical Problems													
Severe physical problems ²	19.4	–	–	19.4	...	6.2	–	–	3.4	4.7	7.5	2.2	3.2
Plumbing	8.3	–	–	8.3	...	1.3	–	–	2.4	2.4	4.9	1.1	1.0
Heating	9.9	–	–	9.9	...	3.8	–	–	1.0	2.4	2.6	1.1	2.2
Electric	–	–	–	–	...	–	–	–	–	–	–	–	–
Upkeep	1.2	–	–	1.2	...	1.2	–	–	–	–	–	–	–
Hallways	–	–	–	–	...	–	–	–	–	–	–	–	–
Moderate physical problems ²	36.9	–	–	...	36.9	16.8	–	6.6	7.9	7.1	21.1	4.6	3.3
Plumbing .....	.1	–	–	...	.1	.1	–	–	.1	–	.1	–	–
Heating	1.1	–	–	...	1.1	–	–	–	1.1	–	–	–	–
Upkeep	20.4	–	–	...	20.4	12.1	–	2.5	1.1	3.7	13.4	2.4	1.1
Hallways	1.1	–	–	...	1.1	1.1	–	–	–	–	1.1	–	–
Kitchen	14.2	–	–	...	14.2	3.5	–	4.1	5.7	3.3	6.5	2.2	2.2

Table 4-7. Additional Indicators of Housing Quality—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 years	Mobile homes	Physical problems		Black	Hispanic	Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three
				Severe	Moderate								
Renter Maintenance Quality													
Major repairs needed ⁴	433.0	1.8	–	13.2	21.7	126.1	28.1	63.8	98.3	96.3	166.5	62.6	40.4
Work usually started quickly	358.1	1.8	–	4.7	15.7	98.7	19.4	60.5	74.9	69.7	127.8	52.5	33.9
Management solved problem quickly	388.2	1.8	–	7.0	17.1	111.1	24.1	60.5	89.7	80.3	144.4	56.9	37.0
Management polite and considerate	422.5	1.8	–	13.2	20.5	120.1	25.9	63.8	94.9	91.7	161.7	62.6	40.4
Minor repairs needed ⁴	461.6	1.8	–	18.2	26.0	135.6	28.1	64.6	113.8	102.1	187.3	68.4	42.9
Started quickly enough usually	394.9	1.8	–	9.8	19.1	103.9	24.0	62.4	88.2	78.3	150.9	59.2	36.3
Solved the problem quickly	413.7	1.8	–	11.7	21.7	114.7	25.2	61.4	102.0	85.5	162.6	64.0	38.6
Polite	446.3	1.8	–	16.8	24.9	129.5	25.9	64.6	109.4	97.9	179.1	67.3	41.4
Building and Ground Maintenance													
Building Maintenance Quality													
Completely satisfied	360.5	1.8	–	10.3	16.3	100.3	16.0	52.6	101.5	82.4	145.9	52.5	33.8
Partly satisfied	122.1	–	–	3.8	8.9	39.1	15.8	13.3	32.5	22.3	52.2	13.7	11.4
Dissatisfied	38.9	–	–	5.2	10.4	8.3	3.4	8.6	4.6	11.9	14.4	5.6	5.7
Landlord not responsible	14.4	1.1	–	–	1.2	2.3	1.2	–	1.2	–	6.1	–	–
Not reported	4.6	–	–	–	–	3.4	1.2	–	1.2	1.2	3.4	–	–
Ground Maintenance Quality													
Completely satisfied	370.9	1.8	–	9.5	22.9	98.5	18.0	54.6	104.6	85.6	144.6	53.0	39.6
Partly satisfied	93.5	–	–	4.5	6.1	29.1	10.3	13.9	20.1	16.5	44.3	10.3	9.1
Dissatisfied	30.1	–	–	5.3	4.3	9.1	4.4	3.6	8.8	4.7	9.3	3.6	2.2
Landlord not responsible	42.6	1.1	–	–	3.6	13.3	4.9	2.5	7.7	10.9	20.4	5.0	–
Not reported	3.4	–	–	–	–	3.4	–	–	–	–	3.4	–	–
Building and Ground Maintenance Quality													
Completely satisfied with both	413.7	1.8	–	11.6	24.0	110.9	20.3	60.2	115.3	93.7	164.2	59.2	41.7
Completely dissatisfied with both	52.8	–	–	6.4	11.5	12.9	5.6	9.6	12.3	13.3	19.0	8.0	6.9

¹See back cover for details.

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

³Two or more units of any tenure in structure.

⁴When landlord responsible for repairs and when at least 1 condition answered.

Table 4-8. Neighborhood—Renter Occupied Units

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

Characteristics	Total occupied units	Housing unit characteristics				Household characteristics					Selected subareas ¹		
		New construction 4 years	Mobile homes	Physical problems		Black	Hispanic	Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three
				Severe	Moderate								
Total	540.5	2.9	—	19.4	36.9	153.4	37.6	74.5	141.1	117.8	222.0	71.9	50.9
Overall Opinion of Neighborhood													
1 (worst)	12.3	—	—	1.2	—	8.3	2.9	—	4.7	4.2	7.9	—	—
2	9.3	—	—	1.2	2.3	4.7	—	—	3.6	2.4	7.1	—	—
3	9.3	—	—	—	1.2	3.6	—	—	4.6	3.6	4.8	2.2	—
4	10.9	—	—	—	1.1	6.6	—	1.2	2.1	3.1	3.5	—	1.0
5	50.9	—	—	2.7	7.8	24.0	3.5	5.5	12.6	10.5	29.0	5.0	2.0
6	52.1	—	—	3.6	6.1	15.4	5.5	2.3	19.5	14.9	30.1	6.1	2.1
7	83.5	—	—	2.2	1.4	21.3	4.7	12.7	18.9	20.8	35.3	17.0	9.2
8	134.9	—	—	5.1	9.1	17.2	12.7	25.6	35.4	26.5	48.5	16.4	18.4
9	61.1	1.1	—	2.2	4.6	20.0	—	4.4	14.7	16.3	18.5	13.0	9.4
10 (best)	103.8	1.8	—	1.2	3.3	22.1	8.3	22.8	20.6	14.1	27.0	12.2	8.7
No neighborhood .....	.9	—	—	—	—	.9	—	—	.9	—	.9	—	—
Not reported	11.5	—	—	—	—	9.2	—	—	3.5	1.2	9.3	—	—
Street Noise or Traffic													
Street noise or traffic present	248.3	—	—	10.5	21.8	85.2	16.7	29.3	64.3	65.1	137.3	36.1	23.0
Condition not bothersome	147.2	—	—	3.5	8.9	43.9	8.6	16.7	41.5	35.5	80.2	27.2	12.8
Condition bothersome	101.2	—	—	7.0	13.0	41.3	8.1	12.7	22.8	29.6	57.2	8.9	10.1
So bothered they want to move	41.9	—	—	3.8	8.4	25.1	4.7	1.4	10.5	14.8	28.3	2.2	1.4
Not reported	1.1	—	—	—	—	—	1.1	—	1.1	1.1	1.1	—	—
Bothersome not reported	—	—	—	—	—	—	—	—	—	—	—	—	—
Not reported	3.1	—	—	—	—	2.1	—	1.0	—	—	2.1	—	—
Neighborhood Crime													
Neighborhood crime present	146.1	—	—	11.4	17.8	75.3	5.4	9.2	36.5	49.8	93.8	14.1	10.4
Condition not bothersome	49.7	—	—	—	3.5	26.2	—	5.7	11.0	10.5	28.4	9.5	4.6
Condition bothersome	96.4	—	—	11.4	14.3	49.1	5.4	3.5	25.5	39.3	65.4	4.6	5.8
So bothered they want to move	60.2	—	—	6.7	8.4	38.2	3.7	1.1	14.0	24.2	47.2	1.1	1.2
Not reported	—	—	—	—	—	—	—	—	—	—	—	—	—
Bothersome not reported	—	—	—	—	—	—	—	—	—	—	—	—	—
Not reported	11.4	—	—	—	—	2.1	1.1	4.7	1.1	3.6	8.2	—	2.2
Odors													
Odors present	53.2	—	—	2.3	8.8	27.2	2.2	2.3	12.3	15.5	32.0	4.7	3.6
Condition not bothersome	18.5	—	—	—	2.7	7.1	—	1.2	3.5	6.2	12.0	1.4	—
Condition bothersome	34.7	—	—	2.3	6.1	20.1	2.2	1.1	8.8	9.4	20.0	3.3	3.6
So bothered they want to move	18.5	—	—	2.3	3.6	15.2	1.2	—	6.7	7.1	10.7	1.1	1.0
Not reported	—	—	—	—	—	—	—	—	—	—	—	—	—
Bothersome not reported	—	—	—	—	—	—	—	—	—	—	—	—	—
Not reported	4.3	—	—	—	—	3.3	—	1.0	—	1.2	2.1	—	—
Other Bothersome Neighborhood Conditions													
No other problems	444.0	2.9	—	15.6	21.6	114.4	32.1	62.9	121.8	101.2	164.2	62.9	44.4
With other problems ²	94.3	—	—	3.8	15.3	36.9	5.5	11.6	19.4	16.5	55.6	8.9	6.5
Noise	13.5	—	—	1.4	2.3	6.3	—	3.6	2.5	2.7	7.9	—	1.0
Litter or housing deterioration	18.8	—	—	—	5.9	9.3	1.1	4.1	5.5	3.2	16.6	1.1	—
Poor city or county services	13.9	—	—	—	5.9	9.4	.9	—	3.5	3.4	11.8	—	—
Undesirable commercial, institutional, industrial	7.1	—	—	—	1.1	3.6	—	1.4	1.3	—	4.6	1.4	—
People	32.3	—	—	2.6	4.6	10.6	4.4	7.6	5.7	3.0	22.5	—	4.3
Other	50.4	—	—	1.4	8.1	21.9	1.2	3.5	10.6	6.4	25.4	6.4	3.2
No problem	—	—	—	—	—	—	—	—	—	—	—	—	—
Type of problem not reported	2.4	—	—	1.2	—	2.4	—	—	—	1.2	2.4	—	—
Other problems not reported	2.1	—	—	—	—	2.1	—	—	—	—	2.1	—	—
Public Elementary School²													
Households with children aged 4-16	109.2	—	—	7.4	8.0	44.7	13.0	—	32.8	33.5	47.6	9.7	12.8
Attend public school (K-12)	91.2	—	—	2.5	4.6	37.6	13.0	—	27.3	30.8	35.5	8.6	11.8
Attend private school (K-12)	14.2	—	—	4.9	2.3	4.8	1.1	—	5.4	1.1	10.9	1.1	1.0
Attend ungraded school, preschool, etc.	—	—	—	—	—	—	—	—	—	—	—	—	—
Does not attend school	—	—	—	—	—	—	—	—	—	—	—	—	—
Not reported	5.0	—	—	—	1.1	2.3	—	—	1.2	2.7	2.3	—	—
Households with any children aged 0-13	131.7	—	—	8.5	9.2	46.7	14.0	—	48.7	31.5	58.8	16.7	8.9
Satisfactory public elementary school	89.8	—	—	3.7	6.9	31.5	10.4	—	28.8	25.7	35.1	12.2	6.8
Unsatisfactory public elementary school	14.7	—	—	1.2	2.3	6.6	1.2	—	5.6	—	10.2	—	1.1
So bothered they want to move	13.6	—	—	1.2	1.2	5.5	1.2	—	4.5	—	9.1	—	1.1
Not reported	—	—	—	—	—	—	—	—	—	—	—	—	—
Not reported or don't know	27.2	—	—	3.6	—	8.6	2.3	—	17.3	5.9	13.5	4.5	1.0
Public elementary school less than 1 mile	101.7	—	—	6.0	6.9	42.0	9.2	—	34.8	26.7	54.2	7.1	7.8
Public elementary school 1 mile or more	27.8	—	—	1.3	2.3	4.7	4.8	—	11.7	4.9	4.6	7.5	1.1
Not reported	2.2	—	—	1.1	—	—	—	—	2.2	—	—	2.2	—
Building Neighbor Noise³													
Neighbor noise present	281.5	1.8	—	12.3	26.5	79.6	12.6	34.7	78.9	46.0	109.9	50.3	26.6
Loudness bothersome	85.8	—	—	5.6	9.1	23.7	3.6	12.7	24.8	15.2	27.9	14.4	13.8
Loudness not bothersome	195.8	1.8	—	6.7	17.4	55.9	8.9	21.9	54.1	30.8	82.0	35.9	12.8
Loudness bothersome not reported	—	—	—	—	—	—	—	—	—	—	—	—	—
Time of noise bothersome	84.1	—	—	5.6	9.3	30.9	3.5	9.1	20.4	16.6	34.0	12.7	12.6
Time of noise not bothersome	197.5	1.8	—	6.7	17.2	48.7	9.1	25.6	58.5	29.5	75.9	37.6	14.0
Time bothersome not reported	—	—	—	—	—	—	—	—	—	—	—	—	—
Neighbor noise not present	197.3	1.1	—	2.7	8.1	57.4	21.6	—	55.2	63.3	100.1	12.1	15.3
Not reported	4.5	—	—	—	1.1	2.1	—	—	1.2	—	3.4	1.1	—
Public Transportation													
With public transportation	460.8	1.8	—	15.0	32.1	150.0	29.6	—	124.4	111.6	213.7	65.6	48.7
Household uses it at least weekly	165.2	—	—	3.5	14.1	77.0	12.6	—	27.2	50.3	121.8	11.0	7.9
Satisfactory public transportation	152.4	—	—	2.1	10.5	69.6	12.6	—	25.2	48.1	115.4	8.8	6.8
Unsatisfactory public transportation	12.8	—	—	1.4	3.6	7.4	—	—	2.1	2.2	6.4	2.2	1.2
Not reported	—	—	—	—	—	—	—	—	—	—	—	—	—
Household uses it less than weekly	191.7	1.8	—	5.8	9.9	50.8	14.7	—	43.3	56.3	76.5	28.2	26.4
Satisfactory public transportation	175.5	1.8	—	5.8	9.8	49.6	14.7	—	42.2	52.0	73.0	22.1	25.4
Unsatisfactory public transportation	11.5	—	—	.1	1.1	—	—	—	1.1	4.3	2.4	3.7	1.0
Not reported	4.6	—	—	—	—	—	—	—	1.1	—	1.1	2.4	—
Household does not use	101.7	—	—	5.7	8.2	22.3	2.2	—	13.8	29.5	15.4	26.5	13.3
Not reported	2.3	—	—	—	—	—	—	—	1.0	—	—	—	1.0
No public transportation	63.6	—	—	4.4	3.7	1.2	4.5	—	12.6	8.3	4.9	5.0	2.2
Not reported	16.0	1.1	—	—	1.1	2.1	3.5	—	8.3	1.2	3.4	—	—

Table 4-8. Neighborhood—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 years	Mobile homes	Physical problems		Black	Hispanic	Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three
				Severe	Moderate								
Neighborhood Shopping													
Satisfactory neighborhood shopping	475.5	2.9	—	13.9	25.1	127.2	31.5	67.6	123.7	107.5	175.9	69.3	49.8
Less than 1 mile	444.2	1.8	—	12.6	22.9	124.2	29.2	59.4	115.1	107.5	174.8	63.9	49.8
1 mile or more	30.0	1.1	—	1.3	2.3	3.1	2.3	8.3	7.3	—	1.1	5.4	—
Not reported	1.3	—	—	—	—	—	—	—	1.3	—	—	—	—
Unsatisfactory neighborhood shopping	57.1	—	—	5.5	11.8	24.0	4.9	4.5	15.0	9.1	40.4	2.6	1.1
Not reported or don't know	7.9	—	—	—	—	2.1	1.2	2.3	2.5	1.2	5.7	—	—
Police Protection													
Satisfactory police protection	488.0	2.9	—	15.5	27.1	126.0	32.1	72.2	122.6	106.6	179.4	70.8	48.6
Unsatisfactory police protection	44.6	—	—	3.8	7.3	22.8	4.4	2.3	14.2	10.1	35.8	—	2.2
Not reported	7.9	—	—	—	2.5	4.7	1.1	—	4.4	1.1	6.8	1.1	—
Description of Area Within 300 Feet²													
Single-family detached houses	359.2	1.8	—	15.9	26.3	100.5	13.4	49.9	95.9	67.3	132.9	59.5	33.1
Single-family attached	300.4	2.9	—	7.3	26.6	103.0	23.9	39.6	90.1	79.8	163.5	29.4	27.9
1- to 3- story multiunit	274.8	1.8	—	11.2	23.5	79.9	11.5	37.4	66.1	64.7	114.5	39.4	25.8
4- to 6- story multiunit	73.2	—	—	2.4	5.1	29.4	1.1	6.8	30.8	20.8	53.3	3.5	11.9
7- or more story multiunit	36.8	—	—	2.1	4.5	7.1	1.2	8.9	10.8	12.4	23.7	4.4	—
Mobile homes	2.2	—	—	—	—	1.1	—	—	1.1	—	—	—	—
Commercial, or institutional	312.2	—	—	10.8	26.1	100.1	23.8	39.3	89.0	83.2	145.8	41.4	27.8
Industrial or factories	46.6	—	—	—	1.1	16.0	7.6	2.1	8.0	13.4	18.5	5.6	1.2
Open space, park, woods, farm, or ranch	169.1	1.1	—	8.9	6.9	34.2	8.2	21.8	50.9	25.4	44.6	22.7	20.1
4 or more lane highway, railroad, or airport	119.9	1.8	—	3.7	6.4	34.5	8.1	14.2	32.9	13.7	34.4	16.2	16.6
Not reported	10.3	—	—	—	—	8.0	—	1.3	1.1	1.2	9.3	—	—
Bodies of Water Within 300 Feet													
Water in area	55.4	—	—	2.2	2.4	11.4	3.2	3.3	18.6	11.9	11.9	4.7	4.1
Waterfront property	6.3	—	—	1.0	1.3	—	—	—	1.5	2.8	1.3	—	1.0
Not reported	—	—	—	—	—	—	—	—	—	—	—	—	—
Flood plain	7.0	—	—	—	—	1.1	—	1.1	1.1	—	1.1	1.1	—
Not reported	6.0	—	—	—	—	1.1	—	—	3.8	—	1.2	—	—
Water not reported	10.3	—	—	—	—	8.0	—	1.3	1.1	1.2	9.3	—	—
No water in area	474.8	2.9	—	17.2	34.5	134.0	34.4	69.9	121.5	104.6	200.8	67.2	46.7
Age of Other Residential Buildings Within 300 Feet													
Older	46.3	—	—	1.2	5.4	9.0	2.2	7.7	10.1	6.8	12.3	11.2	5.2
About the same	387.9	2.9	—	15.7	29.3	117.9	26.4	46.7	106.3	94.0	174.5	41.9	37.3
Newer	26.8	—	—	—	—	6.7	1.2	7.7	9.2	5.7	8.1	5.4	4.3
Very mixed	26.7	—	—	—	1.2	4.6	2.3	4.5	7.3	—	2.6	9.0	1.1
No other residential buildings	28.8	—	—	2.4	—	4.8	4.5	3.3	4.5	5.4	7.1	4.3	2.0
Not reported	23.9	—	—	—	1.0	10.5	1.1	4.6	3.7	5.8	17.4	—	1.0
Other Buildings Vandalized or With Interior Exposed Within 300 Feet													
None	419.7	2.9	—	10.8	23.5	79.4	27.4	62.9	119.5	73.7	143.5	67.4	43.7
1 building	23.0	—	—	—	3.7	16.2	2.2	—	2.2	12.2	21.7	—	—
More than 1 building	65.7	—	—	5.1	9.7	46.6	3.5	5.9	14.0	24.4	45.3	2.3	2.1
No buildings	10.2	—	—	2.4	—	—	2.3	3.3	2.2	2.0	—	2.2	2.0
Not reported	21.9	—	—	1.0	—	11.2	2.2	2.3	3.3	5.4	11.6	—	3.1
Bars on Windows of Buildings Within 300 Feet													
No bars on windows	369.5	2.9	—	7.3	16.7	66.8	26.2	56.3	98.5	62.6	91.6	65.9	45.8
1 building with bars	20.7	—	—	1.3	2.5	13.0	1.2	3.3	3.7	7.1	14.4	1.2	—
2 or more buildings with bars	106.6	—	—	7.3	14.2	57.4	4.7	3.6	30.4	37.6	95.6	1.1	2.0
No buildings	10.2	—	—	2.4	—	—	2.3	3.3	2.2	2.0	—	2.2	2.0
Not reported	33.6	—	—	1.0	3.5	16.3	3.3	8.1	6.3	8.4	20.3	1.5	1.0
Condition of Streets Within 300 Feet													
No repairs needed	328.5	2.9	—	11.4	20.3	69.8	22.3	57.0	83.2	63.5	105.9	51.5	35.6
Minor repairs needed	163.5	—	—	5.7	13.2	57.4	9.1	10.5	44.2	42.9	91.6	20.4	14.3
Major repairs needed	33.9	—	—	2.3	3.4	18.2	5.2	3.4	10.2	10.0	15.2	—	1.0
No streets	1.0	—	—	—	—	—	—	—	—	—	—	—	—
Not reported	13.6	—	—	—	—	8.0	1.0	3.6	3.4	1.2	9.3	—	—
Trash, Litter, or Junk on Streets or Any Properties Within 300 Feet													
None	416.2	2.9	—	15.6	25.0	87.4	26.6	60.2	113.5	69.3	130.4	69.5	46.8
Minor accumulation	70.5	—	—	—	6.0	29.8	8.1	7.9	17.7	32.0	53.3	2.4	4.1
Major accumulation	39.0	—	—	2.3	5.9	25.8	2.0	5.1	8.8	13.2	26.7	—	—
Not reported	14.7	—	—	1.4	—	10.4	.9	1.3	1.1	3.2	11.6	—	—
Parking Lots²													
With parking lots	265.1	1.8	—	9.0	17.9	56.6	13.9	43.4	71.7	62.6	80.1	38.7	23.6
Residents only	167.5	1.8	—	6.7	14.5	31.6	5.9	30.5	51.7	32.3	39.6	25.0	13.1
Shoppers or workers only	70.6	—	—	1.3	3.3	9.1	3.6	6.7	16.8	14.8	19.4	16.6	6.4
Anyone	88.2	1.8	—	2.0	1.2	22.0	5.7	13.0	26.2	26.6	33.0	8.2	12.7
Kind not reported	8.3	—	—	—	1.2	2.2	—	1.0	2.4	2.4	3.7	—	—
No parking lots within 300 feet	265.1	1.1	—	10.4	19.0	88.8	23.7	29.8	68.3	53.9	132.6	33.1	27.3
Parking lot not reported	10.3	—	—	—	—	8.0	—	1.3	1.1	1.2	9.3	—	—
Mobile Homes in Group													
Mobile homes	—	—	—	—	—	—	—	—	—	—	—	—	—
1 to 6	—	—	—	—	—	—	—	—	—	—	—	—	—
7 to 20	—	—	—	—	—	—	—	—	—	—	—	—	—
21 or more	—	—	—	—	—	—	—	—	—	—	—	—	—

¹See back cover for details.

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

³Limited to single attached and multiunits.

Table 4-9. Household Composition—Renter Occupied Units

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

Characteristics	Total occupied units	Housing unit characteristics				Household characteristics					Selected subareas ¹		
		New construction 4 years	Mobile homes	Physical problems		Black	Hispanic	Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three
				Severe	Moderate								
Population in housing units	1 171.0	4.0	–	45.1	73.9	345.0	125.7	107.8	342.8	299.7	493.9	138.5	112.4
Total	540.5	2.9	–	19.4	36.9	153.4	37.6	74.5	141.1	117.8	222.0	71.9	50.9
Persons													
1 person	220.7	1.8	–	5.7	17.1	64.5	6.5	44.5	45.3	44.5	94.7	32.8	23.5
2 persons	153.0	1.1	–	5.2	8.3	35.8	7.0	27.7	38.6	24.5	50.3	21.1	12.3
3 persons	81.0	–	–	4.9	9.1	26.1	4.7	1.2	29.1	18.2	41.1	10.9	3.3
4 persons	39.2	–	–	3.5	–	12.8	6.8	1.1	13.4	10.5	12.2	6.0	7.1
5 persons	38.4	–	–	–	1.2	9.7	11.5	–	10.0	14.5	19.2	–	2.2
6 persons	5.8	–	–	–	1.1	2.2	1.1	–	3.6	3.3	2.1	1.2	2.5
7 persons or more	2.3	–	–	–	–	2.3	–	–	1.1	2.3	2.3	–	–
Number of Single Children Under 18 Years													
None	373.1	2.9	–	9.7	26.4	91.2	20.0	74.5	87.8	75.3	152.3	49.3	34.9
1	83.4	–	–	6.1	8.1	31.8	4.7	–	25.0	11.9	34.4	14.4	6.7
2	42.0	–	–	3.5	–	11.5	3.6	–	15.3	11.9	10.5	7.1	3.9
3	32.1	–	–	–	1.1	13.9	6.6	–	7.9	11.0	17.1	1.1	4.3
4	8.7	–	–	–	1.2	3.8	2.7	–	5.1	6.4	6.4	–	1.1
5	1.2	–	–	–	–	1.2	–	–	–	1.2	1.2	–	–
6 or more	–	–	–	–	–	–	–	–	–	–	–	–	–
Persons 65 Years Old and Over													
None	457.1	2.9	–	19.4	30.3	143.1	30.9	–	135.5	98.3	192.6	61.6	44.3
1 person	65.7	–	–	–	2.9	9.2	4.5	56.7	5.6	14.8	25.9	7.0	6.5
2 persons or more	17.7	–	–	–	3.7	1.1	2.3	17.7	–	4.7	3.5	3.3	–
Age of Householder													
Under 25 years	52.9	–	–	1.3	4.7	13.0	8.0	–	32.0	15.3	29.8	4.6	3.8
25 to 29	82.1	–	–	1.2	1.2	20.4	7.0	–	36.5	8.4	29.9	16.4	4.3
30 to 34	65.8	1.8	–	5.7	6.9	22.3	4.7	–	18.5	12.0	26.4	10.8	7.7
35 to 44	109.8	–	–	4.0	7.0	32.5	5.3	–	25.2	28.8	38.0	13.6	14.6
45 to 54	92.8	1.1	–	6.1	7.0	29.6	4.7	–	17.3	14.9	42.8	6.8	7.3
55 to 64	62.4	–	–	1.1	3.6	27.5	3.5	–	6.2	23.2	27.9	10.5	6.6
65 to 74	31.3	–	–	–	1.2	3.3	4.4	31.3	1.1	6.1	11.0	2.5	3.4
75 years and over	43.2	–	–	–	5.4	4.7	–	43.2	4.5	9.1	16.1	6.7	3.2
Median	41	...	...	...	43	41	34	75+	31	43	42	38	42
Household Composition by Age of Householder													
2-or-more-person households	319.8	1.1	–	13.7	19.8	88.9	31.1	30.0	95.8	73.3	127.3	39.1	27.4
Married-couple families, no nonrelatives	139.8	–	–	3.4	9.2	21.1	14.1	21.8	37.1	16.1	52.8	18.3	12.5
Under 25 years	7.4	–	–	–	–	1.2	2.4	–	7.4	–	3.5	–	1.4
25 to 29 years	25.1	–	–	–	1.2	3.5	1.1	–	10.3	–	7.1	5.7	1.2
30 to 34 years	20.4	–	–	2.1	1.1	5.5	2.4	–	6.7	–	9.8	2.3	1.0
35 to 44 years	29.5	–	–	–	1.1	5.4	–	–	3.7	3.6	11.2	2.6	5.8
45 to 64 years	35.5	–	–	1.2	2.2	4.4	4.9	–	8.0	7.8	12.4	5.6	3.1
65 years and over	21.8	–	–	–	3.7	1.1	3.4	21.8	1.1	4.7	8.7	2.2	–
Other male householder	58.9	–	–	1.8	.9	9.2	6.8	3.4	20.4	8.1	22.2	2.2	2.2
Under 45 years	41.3	–	–	1.8	.9	4.9	6.8	–	19.1	8.1	15.9	–	1.0
45 to 64 years	14.2	–	–	–	–	3.3	–	–	1.2	–	5.2	1.1	1.2
65 years and over	3.4	–	–	–	–	1.1	–	–	–	–	1.1	–	–
Other female householder	121.1	1.1	–	8.5	9.7	58.6	10.2	4.8	38.3	49.0	52.3	18.6	12.7
Under 45 years	86.2	–	–	6.1	7.2	41.7	8.9	–	33.5	41.6	36.3	14.4	10.5
45 to 64 years	30.1	1.1	–	2.4	2.5	14.6	1.2	–	4.8	6.3	16.0	2.7	2.2
65 years and over	4.8	–	–	–	–	2.3	–	–	4.8	–	1.1	–	1.4
1-person households	220.7	1.8	–	5.7	17.1	64.5	6.5	44.5	45.3	44.5	94.7	32.8	23.5
Male householder	94.0	–	–	1.1	9.6	31.7	5.4	8.9	19.2	18.0	37.5	14.5	11.9
Under 45 years	47.2	–	–	–	8.3	13.6	2.2	–	14.5	4.6	16.9	12.3	6.4
45 to 64 years	38.0	–	–	1.1	1.2	18.1	2.1	–	3.6	12.3	18.3	1.1	3.3
65 years and over	8.9	–	–	–	–	–	1.0	8.9	1.1	1.1	2.3	–	2.2
Female householder	126.7	1.8	–	4.6	7.6	32.8	1.2	35.6	26.1	26.5	57.2	18.3	11.6
Under 45 years	53.6	1.8	–	2.1	–	12.5	1.2	–	16.9	6.6	23.3	8.2	3.1
45 to 64 years	37.5	–	–	2.5	4.7	16.8	–	–	5.8	11.6	18.9	6.7	4.1
65 years and over	35.6	–	–	–	2.9	3.5	–	35.6	3.4	8.3	15.0	3.4	4.4
Adults and Single Children Under 18 Years Old													
Total households with children	167.5	–	–	9.7	10.5	62.2	17.6	–	53.3	42.4	69.6	22.6	16.0
Married couples	71.5	–	–	3.4	4.4	14.6	7.3	–	23.3	7.0	29.9	8.2	7.1
One child under 6 only	22.0	–	–	1.1	1.2	4.5	–	–	12.6	1.1	9.4	3.4	–
One under 6, one or more 6 to 17	9.4	–	–	–	–	3.4	1.2	–	1.2	2.1	5.7	–	–
Two or more under 6 only	4.7	–	–	–	–	–	1.2	–	2.6	–	.9	–	1.4
Two or more under 6, one or more 6 to 17	–	–	–	–	–	–	–	–	–	–	–	–	–
One or more 6 to 17 only	35.5	–	–	2.3	3.2	6.6	4.9	–	6.9	3.8	13.9	4.9	5.7
Other households with two or more adults	36.2	–	–	5.1	3.7	14.7	6.6	–	10.5	13.8	17.8	6.5	1.2
One child under 6 only	4.5	–	–	–	–	–	1.1	–	2.2	1.1	2.2	1.3	–
One under 6, one or more 6 to 17	10.7	–	–	1.2	–	3.8	3.0	–	1.1	6.8	4.6	–	–
Two or more under 6 only	3.5	–	–	–	–	2.3	1.2	–	3.5	3.5	1.1	1.2	–
Two or more under 6, one or more 6 to 17	–	–	–	–	–	–	–	–	–	–	–	–	–
One or more 6 to 17 only	17.6	–	–	3.9	3.7	8.7	1.2	–	3.8	2.5	9.9	4.1	1.2
Households with one adult or none	59.7	–	–	1.2	2.3	32.9	3.8	–	19.5	21.6	21.9	7.8	7.7
One child under 6 only	3.3	–	–	–	1.1	2.3	–	–	1.1	–	1.1	1.2	–
One under 6, one or more 6 to 17	11.4	–	–	–	–	8.1	1.1	–	4.5	5.8	6.0	2.2	2.2
Two or more under 6 only	–	–	–	–	–	–	–	–	–	–	–	–	–
Two or more under 6, one or more 6 to 17	5.9	–	–	–	1.2	2.5	1.2	–	2.3	2.3	3.7	–	1.0
One or more 6 to 17 only	39.1	–	–	1.2	–	20.0	1.4	–	11.6	13.5	11.1	4.4	4.5
Total households with no children	373.1	2.9	–	9.7	26.4	91.2	20.0	74.5	87.8	75.3	152.3	49.3	34.9
Married couples	68.2	–	–	–	4.7	6.5	6.9	21.8	13.8	9.1	22.9	10.1	5.4
Other households with two or more adults	88.5	1.1	–	4.0	4.6	22.4	6.6	8.2	29.8	22.8	36.0	8.6	6.0
Households with one adult	216.3	1.8	–	5.7	17.1	62.2	6.5	44.5	44.2	43.4	93.4	30.6	23.5

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

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

Characteristics	Total occupied units	Housing unit characteristics				Household characteristics					Selected subareas ¹		
		New construction 4 years	Mobile homes	Physical problems		Black	Hispanic	Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three
				Severe	Moderate								
Own Never Married Children Under 18 Years Old													
No own children under 18 years	390.7	2.9	—	9.7	26.4	99.3	21.3	74.5	91.4	81.5	162.0	52.6	34.9
With own children under 18 years	149.8	—	—	9.7	10.5	54.1	16.3	—	49.7	36.3	60.0	19.3	16.0
Under 6 years only	40.7	—	—	1.1	2.3	10.4	3.5	—	24.2	5.7	15.9	5.9	1.4
1	32.4	—	—	1.1	2.3	8.0	1.1	—	18.0	3.3	12.6	5.9	—
2	7.2	—	—	—	—	1.3	2.4	—	5.1	1.2	2.2	—	1.4
3 or more	1.1	—	—	—	—	1.1	—	—	1.1	1.1	1.1	—	—
6 to 17 years only	82.8	—	—	7.4	8.2	30.7	7.4	—	19.8	18.3	31.2	11.2	11.4
1	46.9	—	—	5.0	7.1	22.6	2.4	—	5.6	8.6	18.1	6.4	6.7
2	21.8	—	—	2.4	—	2.2	2.3	—	8.1	3.3	4.5	4.9	2.4
3 or more	14.1	—	—	—	1.1	5.9	2.7	—	6.2	6.4	8.6	—	2.2
Both age groups	26.3	—	—	1.2	—	13.0	5.5	—	5.7	12.4	12.9	2.2	3.2
2	9.3	—	—	1.2	—	5.9	—	—	2.3	4.6	4.9	1.1	1.1
3 or more	17.1	—	—	—	—	7.1	5.5	—	3.4	7.7	8.0	1.1	2.1
Persons Other Than Spouse or Children²													
With other relatives	89.2	—	—	5.4	7.1	32.8	12.1	8.2	20.2	23.4	40.4	9.8	6.9
Single adult offspring 18 to 29	42.4	—	—	5.4	2.3	12.9	6.2	2.2	9.5	11.0	20.1	5.0	2.2
Single adult offspring 30 years of age or over	16.5	—	—	—	2.4	9.4	3.4	5.6	3.6	7.1	8.4	—	1.1
Households with three generations	12.9	—	—	—	2.3	6.1	2.3	—	3.6	5.9	10.7	—	2.2
Households with 1 subfamily	7.1	—	—	—	—	2.3	—	—	3.6	3.4	5.9	—	—
Subfamily householder age under 30	2.3	—	—	—	—	—	1.1	—	1.1	2.3	2.3	—	—
30 to 64	4.8	—	—	—	—	2.3	1.2	—	2.5	1.1	3.6	—	—
65 and over	—	—	—	—	—	—	—	—	—	—	—	—	—
Households with 2 or more subfamilies	1.2	—	—	—	—	1.2	—	—	—	1.2	1.2	—	—
Households with other types of relatives	35.0	—	—	—	2.3	13.9	3.6	1.4	7.1	8.9	14.3	4.9	3.6
With nonrelatives	76.5	1.1	—	3.8	4.7	13.6	7.7	2.3	33.1	23.1	28.6	8.7	6.0
Co-owners or co-renters	36.0	—	—	1.3	2.4	5.0	4.4	2.3	23.8	13.5	17.6	3.6	3.7
Lodgers	8.3	1.1	—	—	1.3	1.3	2.2	—	3.8	2.5	2.5	1.4	—
Unrelated children, under 18 years old	7.4	—	—	—	—	3.5	—	—	2.4	2.4	3.6	1.2	1.1
Other nonrelatives	34.8	—	—	2.5	1.0	7.5	2.1	—	5.3	11.9	9.7	3.8	3.7
One or more secondary families	—	—	—	—	—	—	—	—	—	—	—	—	—
2-person households, none related to each other	40.4	1.1	—	1.3	1.3	3.6	—	2.3	17.9	6.8	15.3	3.7	2.3
3-to-8-person households, none related to each other	12.1	—	—	—	.9	2.6	2.2	—	6.0	7.7	7.3	—	2.6
Educational Attainment of the Householder													
Less than 9th grade	25.4	—	—	—	.9	8.1	5.9	14.6	3.4	5.0	11.8	—	—
9th to 12th grade, no diploma	102.7	—	—	3.6	10.9	44.4	8.1	23.2	20.4	39.2	51.7	8.3	11.8
High school graduate (includes equivalency)	148.7	—	—	5.6	5.6	41.7	13.3	20.7	39.6	37.2	55.6	17.5	13.1
Additional vocational training	11.8	—	—	1.4	1.3	4.9	1.2	1.0	5.8	3.3	5.0	1.2	1.0
Some college, no degree	100.3	1.1	—	6.9	7.9	28.1	9.1	3.3	31.9	18.2	33.6	17.8	4.5
Associate degree	16.2	—	—	1.2	1.2	8.3	—	—	4.4	1.2	6.9	2.2	—
Bachelor's degree	92.3	—	—	1.2	6.9	12.2	1.2	5.4	24.7	11.0	32.6	21.3	16.2
Graduate or professional degree	54.8	1.8	—	1.0	3.4	10.5	—	7.3	16.6	6.0	29.8	4.8	5.2
Percent high school graduate or higher	78.5	100.0	—	88.8	71.4	69.0	66.2	50.7	87.2	65.3	73.6	90.2	78.7
Percent bachelor's degree or higher	27.2	61.2	—	11.3	28.0	14.8	3.3	17.1	29.3	14.4	28.1	36.3	42.0
Year Householder Moved Into Unit													
2000 to 2004	—	—	—	—	—	—	—	—	—	—	—	—	—
1995 to 1999	366.7	2.9	—	12.4	22.4	101.9	27.7	28.9	141.1	75.4	152.8	46.7	33.2
1990 to 1994	78.2	—	—	2.2	6.6	15.2	8.7	15.6	—	19.1	33.3	12.4	5.3
1985 to 1989	29.3	—	—	2.4	1.1	11.8	—	6.7	—	9.4	7.1	4.4	5.8
1980 to 1984	28.7	—	—	1.3	4.5	7.1	—	10.7	—	4.5	11.3	3.4	3.1
1975 to 1979	19.9	—	—	1.1	—	5.8	1.2	6.6	—	3.4	5.8	2.3	2.3
1970 to 1974	5.8	—	—	—	—	3.4	—	—	—	1.2	3.5	—	1.1
1960 to 1969	10.6	—	—	—	2.3	8.3	—	4.5	—	4.6	8.2	1.2	—
1950 to 1959	—	—	—	—	—	—	—	—	—	—	—	—	—
1940 to 1949	1.4	—	—	—	—	—	—	1.4	—	—	—	1.4	—
1939 or earlier	—	—	—	—	—	—	—	—	—	—	—	—	—
Median	1995+	...	...	...	1995+	1995+	1995+	1992	1995+	1995+	1995+	1995+	1995+
Household Moves and Formation in Last Year													
Total with a move in last year	173.1	2.9	—	4.7	9.2	45.0	16.6	8.1	141.1	37.2	80.9	19.1	17.0
Household all moved here from one unit	119.1	1.8	—	2.1	6.7	33.2	13.2	5.6	119.1	22.3	56.4	11.9	11.1
Householder of previous unit did not move here	—	—	—	—	—	—	—	—	—	—	—	—	—
Householder of previous unit moved here	—	—	—	—	—	—	—	—	—	—	—	—	—
Householder of previous unit not reported	—	—	—	—	—	—	—	—	—	—	—	—	—
Household moved here from two or more units	16.5	—	—	1.3	—	2.3	1.1	—	16.5	3.2	5.7	4.7	—
No previous householder moved here	—	—	—	—	—	—	—	—	—	—	—	—	—
1 previous householder moved here	—	—	—	—	—	—	—	—	—	—	—	—	—
2 or more previous householders moved here	—	—	—	—	—	—	—	—	—	—	—	—	—
Previous householder(s) not reported	—	—	—	—	—	—	—	—	—	—	—	—	—
Some already here, rest moved in	37.4	1.1	—	1.3	2.4	9.5	2.3	2.5	5.4	11.7	18.8	2.5	5.9
No previous householder moved here	—	—	—	—	—	—	—	—	—	—	—	—	—
1 or more previous householders moved here	—	—	—	—	—	—	—	—	—	—	—	—	—
Previous householder(s) not reported	—	—	—	—	—	—	—	—	—	—	—	—	—
Number of previous units not reported	—	—	—	—	—	—	—	—	—	—	—	—	—

¹See back cover for details.

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

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 years	Mobile homes	Physical problems		Black	Hispanic	Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three
				Severe	Moderate								
UNITS WHERE HOUSEHOLDER MOVED DURING PAST YEAR													
Total	134.3	1.8	–	3.4	7.9	36.6	13.1	4.5	134.3	28.8	59.6	15.5	13.3
Structure Type of Previous Residence													
Moved from within United States	134.3	1.8	–	3.4	7.9	36.6	13.1	4.5	134.3	28.8	59.6	15.5	13.3
House	54.0	–	–	1.1	2.0	16.5	5.1	2.2	54.0	14.3	22.3	10.5	3.2
Apartment	71.8	1.8	–	2.3	4.9	18.5	5.8	2.3	71.8	9.8	31.4	4.9	10.1
Mobile home	1.2	–	–	–	–	–	1.2	–	1.2	1.2	1.2	–	–
Other	6.1	–	–	–	1.1	1.6	1.1	–	6.1	3.4	3.4	–	–
Not reported	1.2	–	–	–	–	–	–	–	1.2	–	1.2	–	–
Tenure of Previous Residence													
House, apartment, mobile home in United States	127.0	1.8	–	3.4	6.8	34.9	12.1	4.5	127.0	25.4	55.0	15.5	13.3
Owner occupied	23.1	–	–	–	1.1	8.0	2.7	2.2	23.1	3.7	8.2	5.7	3.2
Renter occupied	103.9	1.8	–	3.4	5.8	26.9	9.4	2.3	103.9	21.7	46.8	9.8	10.1
Persons – Previous Residence													
House, apartment, mobile home in United States	127.0	1.8	–	3.4	6.8	34.9	12.1	4.5	127.0	25.4	55.0	15.5	13.3
1 person	21.4	1.8	–	1.3	–	4.8	–	2.2	21.4	2.1	9.4	3.7	3.3
2 persons	33.0	–	–	–	2.3	8.0	–	2.3	33.0	3.2	12.4	3.8	3.2
3 persons	29.0	–	–	1.1	3.6	11.6	2.5	–	29.0	4.7	14.1	2.2	1.2
4 persons	15.2	–	–	1.0	–	4.8	3.4	–	15.2	3.5	7.3	2.3	2.1
5 persons	14.6	–	–	–	–	2.3	3.9	–	14.6	5.3	5.0	2.3	2.5
6 persons	4.8	–	–	–	–	1.2	1.1	–	4.8	1.2	1.1	1.2	–
7 persons or more	2.2	–	–	–	–	–	–	–	2.2	2.2	2.2	–	–
Not reported	7.0	–	–	–	–	2.3	1.2	–	7.0	3.3	3.6	–	1.0
Previous Home Owned or Rented by Someone Who Moved Here													
House, apartment, mobile home in United States	127.0	1.8	–	3.4	6.8	34.9	12.1	4.5	127.0	25.4	55.0	15.5	13.3
Owned or rented by a mover	98.4	1.8	–	2.3	3.4	26.0	9.8	4.5	98.4	19.4	46.1	8.3	11.1
Owned or rented by other	26.6	–	–	1.1	3.5	7.8	2.3	–	26.6	4.8	8.0	7.2	2.2
By a relative	17.2	–	–	1.1	1.2	5.6	1.2	–	17.2	2.3	5.5	4.6	2.2
By a nonrelative	9.3	–	–	–	2.3	2.2	1.1	–	9.3	2.5	2.5	2.6	–
Not reported	–	–	–	–	–	–	–	–	–	–	–	–	–
Not reported	2.1	–	–	–	–	1.2	–	–	2.1	1.2	.9	–	–
Change in Housing Costs													
House, apartment, mobile home in United States	127.0	1.8	–	3.4	6.8	34.9	12.1	4.5	127.0	25.4	55.0	15.5	13.3
Increased with move	54.7	1.8	–	2.1	2.1	9.2	4.8	1.1	54.7	9.2	23.0	5.6	5.7
Decreased	36.9	–	–	–	2.3	11.4	2.4	–	36.9	4.4	16.1	3.8	4.4
Stayed about the same	29.7	–	–	1.3	2.4	11.0	3.6	3.4	29.7	9.6	14.8	4.8	3.3
Don't know	5.7	–	–	–	–	3.2	1.2	–	5.7	2.3	1.1	1.2	–
Not reported	–	–	–	–	–	–	–	–	–	–	–	–	–

¹See back cover for details.

Table 4-11. Reasons for Move and Choice of Current Residence—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 years	Mobile homes	Physical problems		Black	Hispanic	Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three
				Severe	Moderate								
RESPONDENT MOVED DURING PAST YEAR													
Total	149.6	1.8	–	3.4	7.9	41.6	15.3	5.6	141.1	36.1	69.2	16.5	15.9
Reasons for Leaving Previous Unit²													
Private displacement	7.0	–	–	1.1	–	2.3	–	–	7.0	2.3	1.1	2.3	1.0
Owner to move into unit	2.2	–	–	–	–	1.1	–	–	2.2	1.1	1.1	–	–
To be converted to condominium or cooperative	–	–	–	–	–	–	–	–	–	–	–	–	–
Closed for repairs	–	–	–	–	–	–	–	–	–	–	–	–	–
Other	4.8	–	–	1.1	–	1.2	–	–	4.8	1.2	–	2.3	1.0
Not reported	–	–	–	–	–	–	–	–	–	–	–	–	–
Government displacement	1.2	–	–	–	–	1.2	–	–	1.2	–	1.2	–	–
Government wanted building or land	1.2	–	–	–	–	1.2	–	–	1.2	–	1.2	–	–
Unit unfit for occupancy	–	–	–	–	–	–	–	–	–	–	–	–	–
Other	–	–	–	–	–	–	–	–	–	–	–	–	–
Not reported	–	–	–	–	–	–	–	–	–	–	–	–	–
Disaster loss (fire, flood, etc.)	1.3	–	–	–	–	1.3	–	–	1.3	–	1.3	–	–
New job or job transfer	24.7	1.8	–	1.0	2.2	2.3	2.5	–	23.4	2.2	6.2	2.2	3.2
To be closer to work/school/other	24.1	–	–	–	–	3.6	1.2	1.1	22.9	5.3	11.8	3.4	3.2
Other, financial/employment related	10.8	–	–	–	–	2.7	–	–	10.8	1.3	4.6	1.2	1.2
To establish own household	15.0	–	–	–	–	5.4	1.2	–	15.0	1.3	6.8	–	–
Needed larger house or apartment	28.7	–	–	1.3	1.3	10.8	3.4	–	26.2	7.2	16.3	2.5	5.1
Married	3.4	–	–	–	–	1.2	–	–	3.4	–	3.4	–	–
Widowed, divorced or separated	2.3	–	–	–	–	–	–	1.1	2.3	–	2.3	–	–
Other, family/person related	18.6	–	–	–	1.2	7.3	–	3.4	14.8	5.0	4.6	3.4	5.9
Wanted better home	16.4	–	–	1.3	1	3.9	2.2	–	13.8	4.7	4.9	–	4.8
Change from owner to renter	1.1	–	–	–	–	–	–	–	1.1	–	1.1	–	–
Change from renter to owner	–	–	–	–	–	–	–	–	–	–	–	–	–
Wanted lower rent or maintenance	12.7	–	–	–	1.2	3.6	1.2	–	12.7	–	8.1	–	2.3
Other housing related reasons	8.6	–	–	–	–	2.4	1.2	1.1	8.6	2.5	3.7	2.6	1.2
Other	18.8	–	–	–	2.1	7.5	3.6	1.1	16.6	8.4	14.5	1.2	–
Not reported	1.2	–	–	–	–	–	–	–	1.2	–	–	–	–
Main Reason for Leaving Previous Unit													
All reported reasons equal	2.6	–	–	–	–	–	–	–	2.6	–	1.3	–	–
Private displacement	4.9	–	–	1.1	–	2.3	–	–	4.9	2.3	1.1	2.3	–
Government displacement	1.2	–	–	–	–	1.2	–	–	1.2	–	1.2	–	–
Disaster loss (fire, flood, etc.)	1.3	–	–	–	–	1.3	–	–	1.3	–	1.3	–	–
New job or job transfer	21.0	1.8	–	1.0	2.2	2.3	2.5	–	19.8	2.2	6.2	1.1	2.1
To be closer to work/school/other	14.6	–	–	–	–	3.6	–	–	13.4	5.3	6.9	1.1	3.2
Other, financial/employment related	6.3	–	–	–	–	2.7	–	–	6.3	1.3	2.3	1.2	–
To establish own household	8.0	–	–	–	–	4.1	1.2	–	8.0	1.3	2.2	–	–
Needed larger house or apartment	21.4	–	–	1.3	1.3	8.3	3.4	–	21.4	4.7	13.8	2.5	1.4
Married, widowed, divorced, or separated	11.3	–	–	–	–	2.3	–	1.1	11.3	1.2	5.8	2.2	1.0
Other, family/personal related	11.8	–	–	–	1.2	4.9	–	3.4	8.0	5.0	3.4	2.3	3.7
Wanted better home	8.8	–	–	–	–	–	2.2	–	8.8	2.1	1.1	–	1.0
Change from owner to renter or renter to owner	–	–	–	–	–	–	–	–	–	–	–	–	–
Wanted lower rent or maintenance	12.7	–	–	–	1.2	3.6	1.2	–	12.7	–	8.1	–	2.3
Other housing related reasons	4.0	–	–	–	–	–	1.2	–	4.0	2.5	2.5	1.5	–
Other	16.4	–	–	–	2.1	5.0	3.6	1.1	14.1	8.4	12.0	1.2	–
Not reported	3.3	–	–	–	–	–	–	–	3.3	–	–	1.2	1.0
Choice of Present Neighborhood²													
Convenient to job	43.6	1.8	–	1.3	1.1	3.7	4.6	–	42.4	3.3	12.2	4.7	5.4
Convenient to friends or relatives	43.2	–	–	–	2.4	15.1	1.1	2.2	38.4	8.4	19.8	8.4	4.8
Convenient to leisure activities	14.1	–	–	–	–	4.6	–	1.1	14.1	2.3	8.1	3.5	1.2
Convenient to public transportation	16.9	–	–	–	1.1	4.8	–	3.4	16.9	2.4	10.8	2.3	–
Good schools	20.5	–	–	1.0	1.2	6.0	3.4	–	20.5	7.5	12.2	2.4	1.0
Other public services	11.6	–	–	–	–	4.7	–	–	11.6	1.1	7.0	–	2.2
Looks/design of neighborhood	41.3	1.8	–	1.1	–	9.8	3.7	3.4	38.7	8.6	9.2	6.8	8.5
House was most important consideration	21.5	–	–	1.1	–	7.0	3.9	1.1	21.5	5.0	13.4	5.8	–
Other	22.0	–	–	–	2.4	9.3	2.3	1.1	19.6	8.5	14.1	2.2	1.2
Not reported	13.6	–	–	–	9	5.8	1.1	–	13.6	3.2	10.4	–	–
Main Reason for Choice of Present Neighborhood													
All reported reasons equal	7.0	–	–	1.1	–	1.2	1.1	–	7.0	–	3.5	1.1	–
Convenient to job	26.5	–	–	1.3	1.1	2.5	3.6	–	25.2	2.1	4.9	2.5	4.3
Convenient to friends or relatives	28.2	–	–	–	2.4	12.7	–	2.2	23.4	7.3	11.7	4.9	3.6
Convenient to leisure activities	–	–	–	–	–	–	–	–	–	–	–	–	–
Convenient to public transportation	7.3	–	–	–	–	1.3	–	–	7.3	1.3	5.0	–	–
Good schools	14.4	–	–	1.0	1.2	2.5	3.4	–	14.4	6.4	8.6	1.2	1.0
Other public services	3.3	–	–	–	–	1.2	–	–	3.3	–	2.3	–	1.0
Looks/design of neighborhood	20.0	1.8	–	–	–	3.9	2.6	–	20.0	4.9	4.8	1.1	4.8
House was most important consideration	11.9	–	–	–	–	3.4	2.5	–	11.9	3.6	7.2	3.5	–
Other	17.5	–	–	–	2.4	7.1	1.1	1.1	15.1	7.4	10.9	2.2	1.2
Not reported	13.6	–	–	–	9	5.8	1.1	–	13.6	3.2	10.4	–	–
Neighborhood Search													
Looked at just this neighborhood	63.2	–	–	–	2.2	17.9	6.9	2.2	58.5	15.7	33.3	5.2	4.3
Looked at other neighborhood(s)	83.9	1.8	–	3.4	5.7	23.7	8.4	3.4	80.2	20.4	33.4	11.4	11.6
Not reported	2.5	–	–	–	–	–	–	–	2.5	–	2.5	–	–
Choice of Present Home²													
Financial reasons	54.1	–	–	1.1	3.4	12.7	3.3	–	52.9	12.1	24.3	8.0	5.4
Room layout/design	40.7	–	–	1.1	9	12.2	2.6	2.3	38.1	11.6	13.7	8.3	4.8
Kitchen	14.5	–	–	–	1	7.3	–	–	12.0	4.7	7.6	3.4	2.6
Size	44.8	–	–	2.4	2.3	15.8	1.1	3.4	41.0	11.3	23.6	7.0	6.3
Exterior appearance	18.6	–	–	–	–	10.5	1.4	1.1	16.0	5.1	7.3	2.2	3.7
Yard/trees/view	24.3	–	–	–	–	9.5	1.1	3.4	21.7	4.7	8.0	3.4	4.9
Quality of construction	18.5	1.8	–	–	–	8.3	1.4	1.1	16.0	5.1	6.2	4.5	2.6
Only one available	11.5	–	–	–	–	3.6	2.5	1.1	10.3	4.8	9.2	1.2	–
Other	23.8	–	–	1.0	2.3	7.0	3.5	1.1	20.4	3.6	11.7	–	4.3
Not reported	11.7	–	–	–	–	3.4	2.3	–	11.7	2.3	5.9	–	1.0

Table 4-11. Reasons for Move and Choice of Current Residence—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 years	Mobile homes	Physical problems		Black	Hispanic	Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three
				Severe	Moderate								
RESPONDENT MOVED DURING PAST YEAR—Con.													
Main Reason for Choice of Present Home													
All reported reasons equal	4.6	—	—	—	—	3.4	—	—	4.6	—	2.3	1.1	1.2
Financial reasons	44.9	—	—	1.1	3.4	9.2	3.3	—	43.7	11.2	19.7	4.5	5.4
Room layout/design	18.1	—	—	—	—	2.7	2.6	—	18.1	4.9	5.1	4.9	1.0
Kitchen .....	.9	—	—	—	—	—	—	—	.9	—	.9	—	—
Size	21.4	—	—	1.3	2.3	7.4	—	2.3	21.4	5.4	14.3	1.4	1.4
Exterior appearance	3.5	—	—	—	—	1.3	—	—	3.5	—	1.3	—	—
Yard/trees/view	6.9	—	—	—	—	1.2	1.1	—	6.9	1.1	2.2	1.2	—
Quality of construction	7.7	1.8	—	—	—	3.7	—	1.1	5.1	3.7	—	2.3	2.6
Only one available	9.4	—	—	—	—	3.6	2.5	1.1	8.2	3.9	7.1	1.2	—
Other	20.5	—	—	1.0	2.3	5.8	3.5	1.1	17.0	3.6	10.4	—	3.3
Not reported	11.7	—	...	—	—	3.4	2.3	—	11.7	2.3	5.9	—	1.0
Home Search													
Now in house	71.5	—	...	1.1	2.2	23.9	9.8	2.2	65.2	20.7	38.6	8.2	6.1
Did not look at apartments	49.0	—	...	1.1	2.2	16.8	7.5	2.2	45.3	12.3	27.9	6.0	2.5
Looked at apartments too	21.2	—	...	—	—	7.1	2.3	—	18.7	8.4	9.5	2.2	3.6
Search not reported	1.2	—	...	—	—	—	—	—	1.2	—	1.2	—	—
Now in mobile home	—	—	...	—	—	—	—	—	—	—	—	—	—
Did not look at apartments	—	—	...	—	—	—	—	—	—	—	—	—	—
Looked at apartments too	—	—	...	—	—	—	—	—	—	—	—	—	—
Search not reported	—	—	...	—	—	—	—	—	—	—	—	—	—
Now in apartment	78.1	1.8	...	2.3	5.8	17.7	5.5	3.4	75.9	15.4	30.5	8.4	9.8
Did not look at houses	56.1	1.8	...	1.0	5.8	14.0	3.3	3.4	55.1	11.0	16.9	7.2	7.5
Looked at houses too	22.0	—	...	1.3	—	3.7	2.2	—	20.8	4.4	13.7	1.2	2.3
Search not reported	—	—	...	—	—	—	—	—	—	—	—	—	—
Recent Mover Comparison to Previous Home													
Better home	75.4	1.8	—	2.4	4.6	28.0	7.0	1.1	71.6	20.1	40.1	4.5	8.5
Worse home	26.0	—	—	—	3.3	1.1	2.5	1.1	25.0	4.7	10.4	5.9	4.3
About the same	45.8	—	—	1.0	—	12.5	5.9	3.4	42.2	11.3	17.4	6.2	3.1
Not reported	2.3	—	—	—	—	—	—	—	2.3	—	1.2	—	—
Recent Mover Comparison to Previous Neighborhood													
Better neighborhood	49.9	1.8	—	1.1	1.3	11.9	5.9	2.2	47.4	11.8	17.0	4.5	5.6
Worse neighborhood	26.1	—	—	—	3.3	4.7	2.3	2.3	22.7	7.1	16.3	3.3	2.1
About the same	61.6	—	—	1.0	3.4	20.9	4.7	1.1	59.0	15.1	27.2	8.8	7.2
Same neighborhood	9.7	—	—	1.3	—	4.2	2.3	—	9.7	2.2	7.4	—	1.0
Not reported	2.3	—	—	—	—	—	—	—	2.3	—	1.2	—	—

¹See back cover for details.

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

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 years	Mobile homes	Physical problems		Black	Hispanic	Elderly (65 years and over)	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	81.3	1.1	–	–	6.7	23.0	5.9	4.5	17.7	14.5	34.9	9.3	16.0
Median	23	...	...	...	...	...	...	...	...	...	23	...	...
Trash paid separately	22.6	1.1	–	1.3	–	5.9	–	1.1	7.2	6.0	–	6.2	4.7
Median .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Bottled gas paid separately	12.1	–	–	1.3	–	3.3	2.4	1.2	–	–	1.1	1.2	–
Median .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Other fuel paid separately	10.6	–	–	–	3.6	3.6	2.4	–	1.0	1.2	2.5	1.4	3.2
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 4-17. Rooms in Unit by Household and Unit Size, Income, and Costs—Renter Occupied Units

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

Characteristics	Occupied units									
	Total	Rooms				Bedrooms				
		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	540.5	15.5	302.4	180.9	41.7	8.6	197.9	193.7	109.5	30.8
Persons										
1 person	220.7	13.3	164.3	38.6	4.6	8.6	137.9	56.8	12.9	4.5
2 persons	153.0	2.3	90.2	52.5	8.1	–	43.8	78.1	27.7	3.4
3 persons	81.0	–	26.3	43.3	11.4	–	12.7	29.8	28.9	9.6
4 persons	39.2	–	14.6	17.3	7.3	–	3.5	16.8	15.4	3.6
5 persons	38.4	–	6.0	25.9	6.5	–	–	10.0	22.4	6.0
6 persons	5.8	–	1.1	2.2	2.5	–	–	2.2	1.1	2.5
7 persons or more	2.3	–	–	1.1	1.2	–	–	–	1.1	1.2
Rooms										
1 room	1.2	–	–	–	–	1.2	–	–	–	–
2 rooms	14.3	–	–	–	–	7.4	6.9	–	–	–
3 rooms	137.6	–	–	–	–	–	136.5	1.2	–	–
4 rooms	164.8	–	–	–	–	–	41.9	122.9	–	–
5 rooms	105.9	–	–	–	–	–	10.0	64.2	31.7	–
6 rooms	75.0	–	–	–	–	–	2.7	5.4	59.8	7.1
7 rooms	21.0	–	–	–	–	–	–	–	14.0	7.0
8 rooms	13.4	–	–	–	–	–	–	–	2.6	10.8
9 rooms	2.4	–	–	–	–	–	–	–	–	2.4
10 rooms or more	4.8	–	–	–	–	–	–	–	1.4	3.4
Bedrooms										
None	8.6	8.6	–	–	–	–	–	–	–	–
1	197.9	6.9	178.4	12.6	–	–	–	–	–	–
2	193.7	–	124.0	69.7	–	–	–	–	–	–
3	109.5	–	–	91.5	18.0	–	–	–	–	–
4 or more	30.8	–	–	7.1	23.7	–	–	–	–	–
Complete Bathrooms										
None	1.2	–	–	1.2	–	–	–	–	1.2	–
1	422.1	15.5	280.2	116.7	9.7	8.6	196.9	144.7	63.4	8.5
1 and one-half	61.3	–	8.1	37.0	16.2	–	–	26.0	26.0	9.3
2 or more	55.8	–	14.1	26.0	15.7	–	1.0	23.0	18.8	13.0
Lot Size¹										
Less than one-eighth acre	111.6	2.3	39.8	50.0	19.5	1.2	34.4	30.3	34.1	11.7
One-eighth up to one-quarter acre	73.9	1.2	27.2	38.1	7.4	1.2	9.3	26.8	33.0	3.5
One-quarter up to one-half acre	21.5	–	3.5	13.9	4.1	–	1.2	4.6	13.1	2.6
One-half up to one acre	9.3	–	5.9	1.3	2.2	–	5.9	1.3	1.2	1.1
1 up to 5 acres	15.8	–	3.1	11.5	1.2	–	1.3	3.1	6.5	5.0
5 up to 10 acres	3.6	–	–	1.2	2.4	–	–	–	1.2	2.4
10 acres or more	5.8	–	1.1	3.4	1.3	–	–	3.4	1.1	1.3
Median .....	.14	...	.13	.16	.13	...	.13	.15	.17	.20
Income of Families and Primary Individuals										
Less than \$5,000	56.2	3.7	22.7	27.7	2.2	2.5	21.3	17.2	11.0	4.3
\$5,000 to \$9,999	54.6	1.1	32.6	14.9	6.0	–	23.6	17.0	10.6	3.5
\$10,000 to \$14,999	57.4	6.0	36.9	11.8	2.6	3.7	31.4	10.8	10.3	1.2
\$15,000 to \$19,999	55.6	2.5	38.9	12.9	1.2	1.3	26.3	18.2	7.2	2.6
\$20,000 to \$24,999	43.3	–	25.7	16.2	1.4	–	18.4	9.3	15.6	–
\$25,000 to \$29,999	46.2	1.2	21.3	17.0	6.8	1.2	12.0	16.6	13.9	2.6
\$30,000 to \$34,999	58.8	1.1	35.5	19.0	3.2	–	21.1	29.3	5.0	3.4
\$35,000 to \$39,999	33.4	–	16.4	8.1	8.9	–	8.2	11.6	7.3	6.3
\$40,000 to \$49,999	39.9	–	21.8	15.8	2.3	–	11.9	18.9	7.9	1.2
\$50,000 to \$59,999	26.4	–	12.8	12.3	1.4	–	7.5	10.5	7.2	1.2
\$60,000 to \$79,999	49.4	–	26.6	19.2	3.6	–	10.8	25.1	11.0	2.5
\$80,000 to \$99,999	12.5	–	5.6	4.6	2.2	–	3.4	4.5	2.4	2.2
\$100,000 to \$119,999	4.6	–	3.4	1.2	–	–	1.1	3.5	–	–
\$120,000 or more	2.2	–	2.2	–	–	–	1.0	1.2	–	–
Median	25 339	...	23 911	27 012	31 026	...	19 324	31 325	25 003	31 921
Monthly Housing Costs										
Less than \$100	4.1	–	2.2	1.9	–	–	2.0	1.2	.9	–
\$100 to \$199	22.4	–	8.0	14.4	–	–	13.6	5.4	3.4	–
\$200 to \$249	1.2	–	–	1.2	–	–	–	–	1.2	–
\$250 to \$299	8.2	1.1	5.9	1.2	–	–	7.0	–	1.2	–
\$300 to \$349	12.4	–	7.2	5.2	–	–	6.0	1.2	5.2	–
\$350 to \$399	20.3	2.5	13.0	4.8	–	2.5	10.7	3.5	3.6	–
\$400 to \$449	21.7	1.2	17.5	1.9	1.2	1.2	14.2	5.1	1.2	–
\$450 to \$499	34.8	1.2	29.7	3.9	–	–	27.1	6.5	1.2	–
\$500 to \$599	94.6	2.3	65.2	26.0	1.1	–	43.2	35.3	14.8	1.2
\$600 to \$699	89.4	1.2	61.8	23.5	2.9	–	44.9	28.1	16.4	–
\$700 to \$799	85.0	1.3	47.6	31.4	4.7	1.3	18.1	47.1	16.2	2.3
\$800 to \$999	62.5	1.2	24.1	30.7	6.4	1.2	3.4	38.5	13.1	6.4
\$1,000 to \$1,249	34.3	–	10.1	16.7	7.6	–	2.4	13.6	14.8	3.4
\$1,250 to \$1,499	9.5	–	2.4	3.8	3.2	–	–	2.4	3.8	3.2
\$1,500 or more	13.9	3.5	4.6	4.7	1.1	2.4	3.2	2.4	3.8	2.0
No cash rent	26.3	–	3.2	9.6	13.5	–	2.1	3.3	8.7	12.2
Median (excludes no cash rent)	642	...	602	705	932	...	540	719	708	979

¹Does not include multiunits, cooperatives, or condominiums.

Table 4-18. Square Footage by Household and Unit Size, Income, and Costs—Renter Occupied Units

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

Characteristics	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	57.2	1.2	2.4	5.9	13.1	2.2	11.1	21.2	1 823
Persons									
1 person	11.7	–	2.4	–	2.5	1.1	2.2	3.6	...
2 persons	16.1	–	–	–	8.3	–	1.3	6.5	...
3 persons	15.2	1.2	–	1.2	1.3	1.1	5.2	5.1	...
4 persons	8.4	–	–	3.6	1.1	–	1.3	2.4	...
5 persons	5.8	–	–	1.2	–	–	1.1	3.5	...
6 persons	–	–	–	–	–	–	–	–	...
7 persons or more	–	–	–	–	–	–	–	–	...
Rooms									
1 room	–	–	–	–	–	–	–	–	...
2 rooms	–	–	–	–	–	–	–	–	...
3 rooms	1.2	–	–	–	–	–	–	1.2	...
4 rooms	9.8	–	1.0	1.0	4.7	–	–	3.0	...
5 rooms	11.8	–	–	2.3	4.8	1.1	1.2	2.4	...
6 rooms	15.7	1.2	–	–	2.5	1.1	2.6	8.4	...
7 rooms	8.7	–	1.3	2.6	1.2	–	–	3.7	...
8 rooms	6.3	–	–	–	–	–	5.0	1.4	...
9 rooms	1.3	–	–	–	–	–	1.3	–	...
10 rooms or more	2.3	–	–	–	–	–	1.1	1.2	...
Bedrooms									
None	–	–	–	–	–	–	–	–	...
1	3.6	–	–	–	–	–	–	3.6	...
2	17.0	–	1.0	3.4	8.4	–	–	4.2	...
3	24.4	1.2	1.3	2.6	4.7	2.2	5.2	7.1	...
4 or more	12.2	–	–	–	–	–	5.9	6.3	...
Complete Bathrooms									
None	–	–	–	–	–	–	–	–	...
1	28.1	1.2	–	2.2	9.4	1.1	2.6	11.5	...
1 and one-half	17.0	–	2.4	1.2	2.5	–	5.0	6.0	...
2 or more	12.2	–	–	2.6	1.3	1.1	3.6	3.6	...
Lot Size¹									
Less than one-eighth acre	10.7	1.2	1.0	2.6	1.2	–	2.2	2.4	...
One-eighth up to one-quarter acre	16.6	–	1.3	2.2	7.1	–	1.2	4.7	...
One-quarter up to one-half acre	12.2	–	–	1.2	2.3	1.1	1.5	6.2	...
One-half up to one acre	3.5	–	–	–	1.3	–	1.1	1.2	...
1 up to 5 acres	9.3	–	–	–	1.3	–	2.5	5.5	...
5 up to 10 acres	1.3	–	–	–	–	–	1.3	–	...
10 acres or more	2.5	–	–	–	–	–	1.3	1.2	...
Median .....	.27	...	...	...	...	...	...	...	...
Income of Families and Primary Individuals									
Less than \$5,000	2.5	1.2	–	–	–	–	–	1.2	...
\$5,000 to \$9,999	5.9	–	–	4.8	–	–	–	1.1	...
\$10,000 to \$14,999	2.4	–	–	–	1.2	–	–	1.2	...
\$15,000 to \$19,999	6.0	–	1.0	–	–	1.1	–	3.8	...
\$20,000 to \$24,999	1.2	–	–	–	1.2	–	–	–	...
\$25,000 to \$29,999	11.0	–	1.3	–	4.7	1.1	2.6	1.3	...
\$30,000 to \$34,999	5.3	–	–	–	–	–	1.1	4.2	...
\$35,000 to \$39,999	6.4	–	–	–	–	–	2.8	3.6	...
\$40,000 to \$49,999	3.7	–	–	–	2.4	–	1.3	–	...
\$50,000 to \$59,999	4.5	–	–	–	1.2	–	–	3.4	...
\$60,000 to \$79,999	3.8	–	–	–	2.4	–	–	1.4	...
\$80,000 to \$99,999	4.6	–	–	1.2	–	–	3.4	–	...
\$100,000 to \$119,999	–	–	–	–	–	–	–	–	...
\$120,000 or more	–	–	–	–	–	–	–	–	...
Median	29 844	...	...	...	...	...	...	...	...
Monthly Housing Costs									
Less than \$100	–	–	–	–	–	–	–	–	...
\$100 to \$199	–	–	–	–	–	–	–	–	...
\$200 to \$249	–	–	–	–	–	–	–	–	...
\$250 to \$299	1.2	–	–	–	–	–	–	1.2	...
\$300 to \$349	–	–	–	–	–	–	–	–	...
\$350 to \$399	–	–	–	–	–	–	–	–	...
\$400 to \$449	1.2	–	–	–	1.2	–	–	–	...
\$450 to \$499	3.0	–	–	–	–	–	–	3.0	...
\$500 to \$599	10.5	1.2	1.0	1.0	5.9	–	–	1.2	...
\$600 to \$699	3.5	–	–	1.2	–	1.1	–	1.2	...
\$700 to \$799	9.6	–	–	1.2	1.3	–	1.2	6.0	...
\$800 to \$999	11.9	–	1.3	–	2.4	1.1	1.1	5.9	...
\$1,000 to \$1,249	3.9	–	–	2.6	–	–	1.3	–	...
\$1,250 to \$1,499	1.1	–	–	–	–	–	1.1	–	...
\$1,500 or more	–	–	–	–	–	–	–	–	...
No cash rent	11.4	–	–	–	2.4	–	6.4	2.6	...
Median (excludes no cash rent)	737	...	...	...	...	...	...	...	...

¹Does not include multiunits, cooperatives, or condominiums.

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	Not specified		Total	Specified	Not specified		Specified	Other	Specified	Other	
			Condo or Coop	Other			Condo or Coop	Other					
Total	534.7	5.8	474.1	5.8
Income of Families and Primary Individuals													
Less than \$5,000	56.2	–	46.8	–
\$5,000 to \$9,999	53.5	1.1	44.3	1.1
\$10,000 to \$14,999	57.4	–	41.8	–
\$15,000 to \$19,999	55.6	–	48.9	–
\$20,000 to \$24,999	43.3	–	39.9	–
\$25,000 to \$29,999	44.9	1.3	43.8	1.3
\$30,000 to \$34,999	57.6	1.2	51.6	1.2
\$35,000 to \$39,999	32.3	1.1	29.8	1.1
\$40,000 to \$49,999	39.9	–	37.7	–
\$50,000 to \$59,999	26.4	–	24.3	–
\$60,000 to \$79,999	48.3	1.1	47.0	1.1
\$80,000 to \$99,999	12.5	–	11.3	–
\$100,000 to \$119,999	4.6	–	4.6	–
\$120,000 or more	2.2	–	2.2	–
Median	25 149	...	26 753	...
Monthly Housing Costs													
Less than \$100	4.1	–	1.0	–
\$100 to \$199	22.4	–	12.2	–
\$200 to \$249	1.2	–	–	–
\$250 to \$299	8.2	–	6.0	–
\$300 to \$349	12.4	–	11.1	–
\$350 to \$399	20.3	–	15.9	–
\$400 to \$449	21.7	–	20.7	–
\$450 to \$499	34.8	–	33.5	–
\$500 to \$599	94.6	–	86.8	–
\$600 to \$699	89.4	–	84.8	–
\$700 to \$799	82.8	2.2	73.7	2.2
\$800 to \$999	60.3	2.3	56.7	2.3
\$1,000 to \$1,249	34.3	–	32.1	–
\$1,250 to \$1,499	9.5	–	8.2	–
\$1,500 or more	13.9	–	11.4	–
No cash rent	25.0	1.3	20.1	1.3
Median (excludes no cash rent)	639	...	647	...
Monthly Housing Costs as Percent of Current income²													
Less than 5 percent	1.1	–	1.1	–
5 to 9 percent	17.3	–	17.3	–
10 to 14 percent	51.8	–	45.2	–
15 to 19 percent	72.3	1.1	62.9	1.1
20 to 24 percent	70.0	–	65.5	–
25 to 29 percent	51.8	1.1	45.1	1.1
30 to 34 percent	42.7	1.2	35.0	1.2
35 to 39 percent	30.9	–	29.9	–
40 to 49 percent	39.6	–	39.6	–
50 to 59 percent	25.9	–	24.7	–
60 to 69 percent	15.4	–	13.3	–
70 to 99 percent	23.7	–	16.9	–
100 percent or more ³	45.1	1.1	35.3	1.1
Zero or negative income	22.3	–	22.3	–
No cash rent	25.0	1.3	20.1	1.3
Median (excludes 2 previous lines)	28	...	28	...
Median (excludes 3 lines before medians)	26	...	26	...

¹Excludes units in public housing projects and housing units with government rent subsidies.

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 4-20. **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
Cooking Fuel														
With cooking fuel	540.5	24.8	31.5	54.6	57.4	55.6	89.5	92.2	66.3	49.4	12.5	4.6	2.2	25 187
Electricity	213.2	6.9	6.8	20.4	19.6	18.0	31.9	45.7	34.0	22.9	5.8	1.1	—	30 653
Piped gas	320.3	17.8	24.7	34.2	36.6	36.3	56.6	44.1	31.2	26.4	6.6	3.5	2.2	21 860
Bottled gas	7.0	—	—	—	1.2	1.3	1.0	2.3	1.1	—	—	—	—	...
Kerosene or other liquid fuel	—	—	—	—	—	—	—	—	—	—	—	—	—	...
Coal or coke	—	—	—	—	—	—	—	—	—	—	—	—	—	...
Wood	—	—	—	—	—	—	—	—	—	—	—	—	—	...
Other	—	—	—	—	—	—	—	—	—	—	—	—	—	...
Persons														
1 person	220.7	9.0	20.1	23.5	30.3	24.5	35.6	34.0	24.4	17.1	1.1	—	1.0	20 814
2 persons	153.0	5.5	6.2	13.8	9.5	18.9	18.7	35.6	20.4	17.8	5.6	1.1	—	31 119
3 persons	81.0	5.7	1.2	5.7	9.9	6.2	17.2	10.6	9.4	8.0	4.6	1.2	1.2	26 812
4 persons	39.2	—	—	6.9	2.3	4.8	10.2	3.4	5.3	5.2	—	1.2	—	25 552
5 persons	38.4	1.2	4.0	3.5	4.3	1.1	7.9	7.2	5.8	1.2	1.1	1.1	—	26 445
6 persons	5.8	2.2	—	—	1.1	—	—	—	1.1	—	—	—	—	...
7 persons or more	2.3	1.1	—	1.2	—	—	—	—	—	—	—	—	—	...
Household Composition by Age of Householder														
2-or-more-person households	319.8	15.7	11.4	31.1	27.1	31.0	53.9	58.2	41.9	32.3	11.4	4.6	1.2	28 072
Married-couple families, no nonrelatives	139.8	—	—	9.0	8.0	12.0	17.9	33.2	24.3	20.4	9.2	4.6	1.2	36 916
Under 25 years	7.4	—	—	—	—	—	2.5	4.9	—	—	—	—	—	...
25 to 29 years	25.1	—	—	—	1.1	—	1.2	7.0	5.4	4.6	4.6	—	1.2	...
30 to 34 years	20.4	—	—	—	—	—	2.1	4.7	6.7	4.6	—	2.3	—	...
35 to 44 years	29.5	—	—	—	1.1	2.2	7.2	3.3	5.5	6.6	2.3	1.2	—	43 195
45 to 64 years	35.5	—	—	4.3	3.5	2.5	4.8	9.2	4.4	3.4	2.3	1.1	—	32 850
65 years and over	21.8	—	—	4.7	2.3	7.3	—	4.1	2.3	1.2	—	—	—	...
Other male householder	58.9	4.4	—	4.6	6.8	4.8	12.7	8.9	7.5	8.2	1.1	—	—	27 005
Under 45 years	41.3	4.4	—	2.2	5.7	2.4	10.4	8.9	6.0	1.2	—	—	—	25 695
45 to 64 years	14.2	—	—	1.1	—	2.4	2.3	—	1.4	7.0	—	—	—	...
65 years and over	3.4	—	—	1.2	1.1	—	—	—	—	—	1.1	—	—	...
Other female householder	121.1	11.3	11.4	17.6	12.2	14.2	23.4	16.0	10.1	3.7	1.1	—	—	17 818
Under 45 years	86.2	9.0	10.2	13.8	11.0	9.4	18.5	8.3	3.6	1.4	1.1	—	—	14 636
45 to 64 years	30.1	2.3	1.2	2.8	1.2	2.5	4.8	6.2	6.6	2.4	—	—	—	30 170
65 years and over	4.8	—	—	1.1	—	2.3	—	1.4	—	—	—	—	—	...
1-person households	220.7	9.0	20.1	23.5	30.3	24.5	35.6	34.0	24.4	17.1	1.1	—	1.0	20 814
Male householder	94.0	2.3	13.3	6.0	4.7	10.1	17.7	7.8	16.0	13.9	1.1	—	1.0	25 959
Under 45 years	47.2	2.3	1.0	1.3	3.4	4.7	13.1	4.6	8.0	7.7	—	—	1.0	28 313
45 to 64 years	38.0	—	11.2	3.5	1.2	2.2	4.5	3.2	6.8	5.2	—	—	—	21 655
65 years and over	8.9	—	1.1	1.3	—	3.2	—	—	1.2	1.0	1.1	—	—	...
Female householder	126.7	6.7	6.7	17.5	25.7	14.4	17.9	26.2	8.4	3.2	—	—	—	17 352
Under 45 years	53.6	3.2	3.4	—	4.6	3.3	9.7	20.8	6.4	2.2	—	—	—	31 246
45 to 64 years	37.5	3.5	—	10.3	6.9	4.6	4.8	5.3	2.0	—	—	—	—	13 570
65 years and over	35.6	—	3.4	7.2	14.1	6.5	3.4	—	—	1.1	—	—	—	12 572
Own Never Married Children Under 18 Years Old														
No own children under 18 years	390.7	19.0	24.9	44.5	46.2	42.5	53.7	67.3	46.7	35.9	7.9	1.1	1.0	23 408
With own children under 18 years	149.8	5.8	6.6	10.1	11.2	13.1	35.9	24.9	19.6	13.5	4.6	3.5	1.2	27 850
Under 6 years only	40.7	2.3	—	1.1	2.2	3.5	8.5	11.9	3.1	2.4	2.2	2.4	1.2	32 401
1	32.4	—	—	1.1	2.2	1.0	8.5	9.3	2.2	2.4	2.2	1.2	1.2	32 466
2	7.2	—	—	—	—	—	—	2.6	.9	—	—	—	—	...
3 or more	1.1	1.1	—	—	—	—	—	—	—	—	—	—	—	...
6 to 17 years only	82.8	1.0	5.3	6.9	4.8	6.3	21.4	10.7	11.9	11.1	2.3	1.1	—	27 978
1	46.9	1.0	3.8	2.3	1.2	6.3	14.4	3.5	8.5	4.6	1.2	—	—	26 130
2	21.8	—	—	1.1	2.2	—	6.1	3.7	1.2	6.5	—	1.1	—	...
3 or more	14.1	—	1.4	3.5	1.4	—	.9	3.5	2.2	—	1.1	—	—	...
Both age groups	26.3	2.5	1.4	2.1	4.2	3.4	5.9	2.3	4.6	—	—	—	—	...
2	9.3	—	—	1.0	2.4	—	1.2	2.3	1.1	—	—	—	—	...
3 or more	17.1	1.2	1.4	1.0	1.8	3.4	4.7	—	3.5	—	—	—	—	...
Monthly Housing Costs														
Less than \$100	4.1	—	1.0	—	2.1	1.0	—	—	—	—	—	—	—	...
\$100 to \$199	22.4	1.1	10.1	5.6	3.5	1.1	—	—	1.1	—	—	—	—	...
\$200 to \$249	1.2	—	—	—	—	1.2	—	—	—	—	—	—	—	...
\$250 to \$299	8.2	—	—	3.7	3.3	—	1.2	—	—	—	—	—	—	...
\$300 to \$349	12.4	1.2	1.2	3.6	1.1	—	3.8	1.4	—	—	—	—	—	...
\$350 to \$399	20.3	—	—	2.5	3.3	4.5	3.6	2.3	1.4	2.7	—	—	—	...
\$400 to \$449	21.7	.9	—	3.6	5.5	2.2	3.7	1.3	2.3	2.3	—	—	—	...
\$450 to \$499	34.8	2.3	3.7	2.3	2.1	10.1	4.6	9.6	—	—	—	—	—	18 403
\$500 to \$599	94.6	4.6	3.6	6.9	13.8	7.3	28.6	13.5	10.6	5.6	—	—	—	23 845
\$600 to \$699	89.4	2.2	2.5	9.3	5.9	15.3	14.7	18.3	11.2	9.1	—	—	1.0	26 550
\$700 to \$799	85.0	4.8	3.7	6.6	6.4	5.8	14.4	18.3	14.5	6.1	3.3	1.1	—	30 421
\$800 to \$999	62.5	2.1	2.3	1.2	2.1	3.5	4.9	13.6	11.7	14.2	3.4	2.3	1.2	42 665
\$1,000 to \$1,249	34.3	2.5	—	4.7	2.3	—	5.0	2.1	8.5	4.5	3.4	1.2	—	41 226
\$1,250 to \$1,499	9.5	—	—	1.1	—	—	—	2.3	2.7	2.3	1.1	—	—	...
\$1,500 or more	13.9	—	1.1	1.1	3.7	2.3	1.5	—	—	1.2	—	—	—	...
No cash rent	26.3	3.0	2.3	2.4	2.3	1.2	3.6	9.5	2.4	1.4	1.2	—	—	...
Median (excludes no cash rent)	642	...	480	569	548	597	591	672	738	771	...	...	...	...
Monthly Housing Costs as Percent of Current Income²														
Less than 5 percent	1.1	—	—	—	—	—	—	—	1.1	—	—	—	—	...
5 to 9 percent	17.3	—	—	—	—	2.3	—	1.3	—	10.5	1.2	1.1	1.0	...
10 to 14 percent	51.8	—	—	—	4.3	1.1	3.7	3.8	12.1	17.7	5.5	3.5	—	60 976
15 to 19 percent	73.4	1.2	—	—	1.2	1.2	8.4	18.9	22.6	16.2	2.4	—	1.2	45 041
20 to 24 percent	70.0	—	9.0	2.2	2.3	1.2	8.3	26.1	18.6	2.3	—	—	—	34 598
25 to 29 percent	52.9	—	—	3.4	2.2	7.6	23.3	14.1	—	1.2	1.1	—	—	25 703
30 to 34 percent	43.8	—	2.2	2.2	2.1	6.6	13.3	12.5	4.9	—	—	—	—	26 634
35 to 39 percent	30.9	—	—	3.6	2.1	8.4	10.5	2.8	2.4	—	1.1	—	—	21 254
40 to 49 percent	39.6	—	—	2.5	10.1	10.6	13.2	3.2	—	—	—	—	—	18 384
50 to 59 percent	25.9	—	—	4.6	9.4	7.0	3.9	—	1.1	—	—	—	—	...
60 to 69 percent	15.4	—	—	2.5	8.1	3.6	1.2	—	—	—	—	—	—	...
70 to 99 percent	23.7	1.2	1.2	10.4	8.5	2.3	—	—	—	—	—	—	—	...
100 percent or more ³	46.2	—	16.8	21.0	4.8	2.3	—	—	1.2	—	—	—	—	6 492
Zero or negative income	22.3	—	—	—	—	—	—	—	—	—	—	—	—	...
No cash rent	26.3	—	2.3	2.4	2.3	1.2	3.6	9.5	2.4	1.4	1.2	—	—	...
Median (excludes 2 previous lines)	28	...	100+	85	54	39								

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	468.8	22.4	22.0	45.4	40.7	46.7	82.9	81.6	62.0	47.0	11.3	4.6	2.2	26 902
Rent control	5.6	–	–	1.0	–	1.0	1.5	–	1.2	1.0	–	–	–	...
No rent control	460.6	22.4	22.0	41.9	40.7	45.7	81.5	81.6	60.8	46.0	11.3	4.6	2.2	27 079
Reduced by owner	19.9	–	1.1	–	–	–	5.6	8.3	–	2.5	2.3	–	–	...
Not reduced by owner	440.7	22.4	20.9	41.9	40.7	45.7	75.8	73.2	60.8	43.5	9.0	4.6	2.2	26 436
Owner reduction not reported	–	–	–	–	–	–	–	–	–	–	–	–	–	...
Rent control not reported	2.6	–	–	2.6	–	–	–	–	–	–	–	–	–	...
Owned by public housing authority	18.8	–	3.5	2.4	8.0	2.3	–	2.5	–	–	–	–	–	...
Government subsidy	21.4	–	3.4	4.7	5.5	3.1	2.3	1.2	1.1	–	–	–	–	...
Other, income verification	20.4	–	2.6	2.0	2.1	1.2	2.1	4.7	3.2	1.2	1.2	–	–	...
Subsidy not reported	11.2	2.3	–	–	1.2	2.3	2.1	2.2	–	1.1	–	–	–	...

¹For mobile homes, 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 4-21. Housing Costs by Selected 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	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	Median excluding no cash rent
Total	540.5	4.1	22.4	9.4	32.6	56.5	94.6	89.4	85.0	62.5	43.7	13.9	26.3	642
Units in Structure														
1, detached	57.2	—	—	1.2	—	4.2	10.5	3.5	9.6	11.9	5.0	—	11.4	737
1, attached	202.0	—	15.7	7.1	15.9	16.2	29.8	26.7	28.2	24.1	21.7	3.9	12.8	637
2 to 4	115.8	1.0	2.2	—	9.7	17.5	25.9	26.9	19.5	7.8	1.1	3.2	1.0	604
5 to 9	46.2	.9	1.0	1.2	5.0	12.1	7.4	6.7	5.4	4.5	1.1	.9	—	539
10 to 19	51.4	—	—	—	—	2.2	14.4	14.9	12.5	5.1	1.2	—	1.1	658
20 to 49	21.8	—	—	—	—	3.2	4.6	3.2	2.1	4.5	3.2	1.1	—	...
50 or more	46.1	2.2	3.6	—	2.1	1.1	2.1	7.6	7.5	4.7	10.6	4.7	—	759
Mobile home or trailer	—	—	—	—	—	—	—	—	—	—	—	—	—	...
Year Structure Built¹														
2000 to 2004	—	—	—	—	—	—	—	—	—	—	—	—	—	...
1995 to 1999	5.2	—	—	—	—	—	—	—	1.1	4.1	—	—	—	...
1990 to 1994	17.3	—	—	1.2	—	2.3	2.1	1.2	2.1	1.1	3.6	3.6	—	...
1985 to 1989	13.1	—	—	—	—	1.3	1.1	—	2.4	4.7	2.4	—	1.2	...
1980 to 1984	18.9	—	1.2	—	—	1.3	1.1	—	9.0	2.4	3.9	—	—	...
1975 to 1979	33.1	—	2.2	—	3.5	1.0	6.3	5.4	4.5	4.7	3.4	1.2	1.0	657
1970 to 1974	43.4	1.0	1.1	—	2.3	1.0	4.4	13.9	8.7	6.7	3.4	—	1.1	682
1960 to 1969	89.7	—	1.1	1.2	2.5	2.1	22.8	18.7	16.4	10.0	8.3	2.3	4.6	670
1950 to 1959	56.8	—	11.3	2.4	1.4	2.3	5.9	12.1	7.8	5.1	5.0	—	3.6	627
1940 to 1949	50.0	1.2	1.1	—	3.9	3.7	17.4	7.1	6.8	4.1	1.2	1.2	2.4	580
1930 to 1939	55.0	1.9	1.1	1.1	5.8	14.4	12.0	9.1	2.6	3.4	—	—	3.7	512
1920 to 1929	62.3	—	1.1	2.5	4.8	9.9	8.9	10.4	14.0	4.9	3.4	1.2	1.2	632
1919 or earlier	95.6	—	2.3	1.0	8.4	17.4	12.7	11.7	9.6	11.5	9.2	4.3	7.5	620
Median	1951	...	...	...	1935	1931	1948	1955	1961	1962	1964	...	...	...
Rooms														
1 room	1.2	—	—	—	—	—	—	—	—	1.2	—	—	—	...
2 rooms	14.3	—	—	1.1	2.5	2.4	2.3	1.2	1.3	—	—	3.5	—	...
3 rooms	137.6	—	4.7	4.9	15.4	28.3	34.7	32.7	10.2	1.2	2.4	2.1	1.0	543
4 rooms	164.8	2.2	3.3	1.0	4.8	18.8	30.5	29.1	37.4	23.0	10.1	2.4	2.2	671
5 rooms	105.9	1.9	13.4	1.2	2.5	2.2	17.3	12.3	19.8	17.4	9.5	3.8	4.6	699
6 rooms	75.0	—	1.1	1.2	7.5	3.6	8.7	11.2	11.6	13.4	10.9	.9	5.0	715
7 rooms	21.0	—	—	—	—	1.2	1.1	1.4	4.7	3.9	7.5	—	1.2	...
8 rooms	13.4	—	—	—	—	—	—	—	—	1.4	2.3	1.1	8.7	...
9 rooms	2.4	—	—	—	—	—	—	—	—	—	—	—	2.4	...
10 rooms or more	4.8	—	—	—	—	—	—	1.4	—	1.1	1.1	—	1.2	...
Bedrooms														
None	8.6	—	—	—	2.5	1.2	—	—	1.3	1.2	—	2.4	—	...
1	197.9	2.0	13.6	7.0	16.6	41.3	43.2	44.9	18.1	3.4	2.4	3.2	2.1	540
2	193.7	1.2	5.4	—	4.7	11.6	35.3	28.1	47.1	38.5	16.0	2.4	3.3	719
3	109.5	.9	3.4	2.5	8.7	2.4	14.8	16.4	16.2	13.1	18.6	3.8	8.7	708
4 or more	30.8	—	—	—	—	—	1.2	—	2.3	6.4	6.7	2.0	12.2	979
Complete Bathrooms														
None	1.2	—	—	—	—	—	1.2	—	—	—	—	—	—	...
1	422.1	4.1	20.3	9.4	29.3	56.5	90.0	86.1	63.4	28.0	17.6	8.1	9.2	596
1 and one-half	61.3	—	2.1	—	1.2	—	3.4	3.3	11.4	18.1	8.3	2.5	11.0	842
2 or more	55.8	—	—	—	2.1	—	—	—	10.2	16.4	17.8	3.2	6.1	953
Main Heating Equipment														
Warm-air furnace	268.0	2.0	7.9	3.3	14.2	21.1	49.2	52.7	41.2	38.2	21.6	7.0	9.6	660
Steam or hot water system	183.4	2.1	13.3	4.9	16.4	28.8	32.2	23.3	19.9	15.6	12.7	4.7	9.6	567
Electric heat pump	28.1	—	1.2	—	—	1.3	2.1	1.2	12.5	4.2	4.5	1.1	—	...
Built-in electric units	38.6	—	—	—	2.1	3.9	8.5	4.6	7.9	2.4	3.6	1.1	4.7	655
Floor, wall, or other built-in hot-air units without ducts	15.3	—	—	—	—	1.4	2.6	4.2	2.3	2.2	—	—	2.5	...
Room heaters with flue	4.8	—	—	—	—	—	—	—	2.3	1.3	—	—	—	...
Room heaters without flue	1.1	—	—	—	—	—	—	—	1.1	—	—	—	—	...
Portable electric heaters	—	—	—	—	—	—	—	—	—	—	—	—	—	...
Stoves	—	—	—	—	—	—	—	—	—	—	—	—	—	...
Fireplaces with inserts	—	—	—	—	—	—	—	—	—	—	—	—	—	...
Fireplaces without inserts	—	—	—	—	—	—	—	—	—	—	—	—	—	...
Other	1.2	—	—	1.2	—	—	—	—	—	—	—	—	—	...
Cooking stove	—	—	—	—	—	—	—	—	—	—	—	—	—	...
None	—	—	—	—	—	—	—	—	—	—	—	—	—	...
Primary Source of Water														
Public system or private company	514.8	4.1	22.4	9.4	31.2	56.5	89.9	85.1	83.7	54.7	42.4	13.9	21.5	639
Well serving 1 to 5 units	24.5	—	—	—	1.4	—	4.7	4.3	1.3	6.6	1.3	—	4.8	...
Drilled	20.5	—	—	—	1.4	—	4.7	4.3	1.3	5.3	—	—	3.5	...
Dug	1.3	—	—	—	—	—	—	—	—	—	—	—	1.3	...
Not reported	2.7	—	—	—	—	—	—	—	—	—	1.4	—	—	...
Other	1.2	—	—	—	—	—	—	—	—	1.2	—	—	—	...
Means of Sewage Disposal														
Public sewer	515.2	4.1	22.4	9.4	32.6	56.5	88.4	86.3	83.7	57.1	39.9	13.9	21.0	639
Septic tank, cesspool, chemical toilet	25.3	—	—	—	—	—	6.2	3.1	1.3	5.5	3.9	—	5.4	...
Other	—	—	—	—	—	—	—	—	—	—	—	—	—	...
Main House Heating Fuel														
Housing units with heating fuel	540.5	4.1	22.4	9.4	32.6	56.5	94.6	89.4	85.0	62.5	43.7	13.9	26.3	642
Electricity	115.8	—	2.4	—	3.3	10.0	17.3	15.7	29.3	16.8	11.9	4.4	4.7	723
Piped gas	325.1	2.9	17.9	5.9	21.9	34.6	57.0	60.5	45.1	33.5	23.5	8.2	14.1	625
Bottled gas	2.1	—	—	—	—	—	1.0	1.1	—	—	—	—	—	...
Fuel oil	91.8	1.2	2.2	2.3	7.4	10.8	19.3	9.9	10.6	12.3	7.1	1.2	7.5	594
Kerosene or other liquid fuel	3.4	—	—	1.2	—	—	—	1.0	—	—	1.2	—	—	...
Coal or coke	—	—	—	—	—	—	—	—	—	—	—	—	—	...
Wood	1.0	—	—	—	—	1.0	—	—	—	—	—	—	—	...
Solar energy	—	—	—	—	—	—	—	—	—	—	—	—	—	...
Other	1.2	—	—	—	—	—	—	1.2	—	—	—	—	—	...

Table 4-21. Housing Costs 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	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	Median excluding no cash rent
Cooking Fuel														
With cooking fuel	540.5	4.1	22.4	9.4	32.6	56.5	94.6	89.4	85.0	62.5	43.7	13.9	26.3	642
Electricity	213.2	.9	4.5	–	7.3	22.5	36.6	40.7	36.0	31.2	19.2	2.3	12.1	671
Piped gas	320.3	3.2	17.9	8.3	25.4	33.0	55.7	48.7	49.0	31.3	24.5	11.6	11.8	622
Bottled gas	7.0	–	–	1.2	–	1.0	2.3	–	–	–	–	–	2.4	...
Kerosene or other liquid fuel	–	–	–	–	–	–	–	–	–	–	–	–	–	...
Coal or coke	–	–	–	–	–	–	–	–	–	–	–	–	–	...
Wood	–	–	–	–	–	–	–	–	–	–	–	–	–	...
Other	–	–	–	–	–	–	–	–	–	–	–	–	–	...
Persons														
1 person	220.7	2.0	13.6	8.2	20.0	32.3	39.3	40.7	27.8	18.8	6.8	5.7	5.5	580
2 persons	153.0	–	2.3	–	5.4	17.5	28.3	23.3	29.0	25.1	12.8	3.7	5.9	687
3 persons	81.0	1.2	2.1	1.2	5.0	2.4	16.4	11.4	11.5	9.2	11.0	2.0	7.7	674
4 persons	39.2	–	2.3	–	1.1	1.1	3.4	5.6	8.3	5.7	8.2	–	3.5	753
5 persons	38.4	.9	–	–	1.2	3.2	7.2	6.3	8.4	2.3	5.0	1.5	2.5	687
6 persons	5.8	–	1.1	–	–	–	–	2.2	–	1.4	–	–	–	...
7 persons or more	2.3	–	1.1	–	–	–	–	–	–	–	–	–	1.2	...
Household Composition by Age of Householder														
2-or-more-person households	319.8	2.1	8.8	1.2	12.7	24.2	55.3	48.7	57.1	43.7	37.0	8.2	20.8	693
Married-couple families, no nonrelatives	139.8	–	3.2	–	2.5	14.5	25.9	16.0	30.5	20.3	14.7	2.7	9.6	710
Under 25 years	7.4	–	–	–	1.2	–	1.2	–	2.2	1.4	–	–	1.2	...
25 to 29 years	25.1	–	–	–	–	1.3	2.5	3.3	6.9	6.8	3.3	–	1.0	...
30 to 34 years	20.4	–	–	–	–	1.2	3.2	1.1	4.6	4.5	3.3	–	2.6	...
35 to 44 years	29.5	–	1.1	–	–	3.2	5.9	1.1	5.8	3.9	4.7	1.5	2.3	740
45 to 64 years	35.5	–	1.1	–	1.2	3.7	9.3	2.2	11.0	3.7	2.1	–	1.2	685
65 years and over	21.8	–	1.1	–	–	5.2	3.7	8.3	–	–	1.2	1.2	1.1	...
Other male householder	58.9	–	–	–	3.9	3.1	10.1	7.6	10.2	10.8	8.7	3.2	1.2	740
Under 45 years	41.3	–	–	–	1.2	3.1	9.0	6.5	8.0	3.7	6.6	3.2	–	710
45 to 64 years	14.2	–	–	–	2.7	–	–	1.2	2.2	5.9	1.1	–	1.2	...
65 years and over	3.4	–	–	–	–	–	1.1	–	–	1.2	1.1	–	–	...
Other female householder	121.1	2.1	5.6	1.2	6.3	6.6	19.3	25.1	16.4	12.6	13.6	2.3	10.0	658
Under 45 years	86.2	2.1	4.5	1.2	3.6	5.4	14.1	20.0	8.5	9.1	9.5	1.1	7.3	644
45 to 64 years	30.1	–	1.1	–	1.2	1.3	5.2	3.9	5.8	3.6	4.0	1.2	2.7	717
65 years and over	4.8	–	–	–	1.4	–	–	1.2	2.1	–	–	–	–	...
1-person households	220.7	2.0	13.6	8.2	20.0	32.3	39.3	40.7	27.8	18.8	6.8	5.7	5.5	580
Male householder	94.0	1.0	9.0	3.7	7.5	11.7	21.4	19.3	8.0	6.8	2.3	2.2	1.2	563
Under 45 years	47.2	–	–	–	6.5	7.3	13.5	10.5	4.6	3.6	1.2	–	–	573
45 to 64 years	38.0	1.0	9.0	2.4	–	3.3	7.9	7.6	2.3	1.1	1.1	1.1	1.2	533
65 years and over	8.9	–	–	1.3	1.0	1.0	–	1.2	1.2	2.1	–	–	–	...
Female householder	126.7	1.0	4.7	4.5	12.5	20.6	17.9	21.4	19.8	12.0	4.5	3.5	4.3	600
Under 45 years	53.6	–	–	–	3.6	8.8	8.4	11.3	8.3	7.6	2.3	–	3.2	638
45 to 64 years	37.5	–	2.4	1.1	4.6	5.6	7.2	6.7	5.4	3.4	1.1	–	–	569
65 years and over	35.6	1.0	2.3	3.4	4.2	6.1	2.3	3.4	6.1	1.1	1.1	3.5	1.1	508
Own Never Married Children Under 18 Years Old														
No own children under 18 years	390.7	2.0	17.0	8.2	26.6	48.9	68.5	62.6	63.9	42.4	26.5	12.4	11.8	629
With own children under 18 years	149.8	2.1	5.5	1.2	6.1	7.6	26.1	26.8	21.1	20.2	17.3	1.5	14.6	671
Under 6 years only	40.7	–	1.1	–	1.2	2.1	4.8	8.0	6.9	9.2	4.0	–	3.5	721
1	32.4	–	–	–	1.2	2.1	4.8	6.7	4.5	5.7	4.0	–	3.5	695
2	7.2	–	–	–	–	–	–	1.3	2.4	3.5	–	–	–	...
3 or more	1.1	–	1.1	–	–	–	–	–	–	–	–	–	–	...
6 to 17 years only	82.8	–	1.1	1.2	3.7	3.5	19.0	15.3	11.7	8.6	9.7	1.5	7.4	660
1	46.9	–	1.1	1.2	2.5	1.2	12.0	8.3	5.5	6.1	4.0	1.5	3.5	645
2	21.8	–	–	–	1.2	–	2.6	3.3	3.6	2.5	4.6	–	3.9	...
3 or more	14.1	–	–	–	–	–	2.3	4.4	3.7	2.6	–	1.1	–	...
Both age groups	26.3	2.1	3.3	–	1.1	2.0	2.3	3.5	2.5	2.3	3.6	–	3.7	...
2	9.3	1.2	2.2	–	–	–	–	1.1	–	1.1	1.2	–	2.5	...
3 or more	17.1	.9	1.1	–	1.1	2.0	2.3	2.4	2.5	1.2	2.4	–	1.2	...
Income of Families and Primary Individuals														
Less than \$5,000	56.2	1.0	11.2	–	2.5	6.9	8.2	4.6	8.4	4.4	2.5	4.1	2.3	565
\$5,000 to \$9,999	54.6	–	5.6	3.7	6.1	6.0	6.9	9.3	6.6	1.2	5.8	1.1	2.4	569
\$10,000 to \$14,999	57.4	2.1	3.5	3.3	4.4	7.6	13.8	5.9	6.4	2.1	2.3	3.7	2.3	548
\$15,000 to \$19,999	55.6	1.0	1.1	1.2	4.5	12.3	7.3	15.3	5.8	3.5	–	2.3	1.2	597
\$20,000 to \$24,999	43.3	–	–	1.2	2.4	4.6	12.1	10.3	6.7	1.1	2.3	1.5	1.2	607
\$25,000 to \$29,999	46.2	–	–	–	5.0	3.7	16.6	4.3	7.8	3.8	2.7	–	2.4	580
\$30,000 to \$34,999	58.8	–	–	–	1.4	10.8	7.5	11.5	11.2	8.6	3.4	–	4.4	665
\$35,000 to \$39,999	33.4	–	–	–	2.3	–	6.0	6.8	7.1	5.0	1.0	–	5.1	685
\$40,000 to \$49,999	39.9	–	1.1	–	1.4	2.3	8.0	6.5	8.8	4.6	6.1	–	1.1	701
\$50,000 to \$59,999	26.4	–	–	–	–	–	2.6	4.7	5.7	7.1	5.1	–	1.2	...
\$60,000 to \$79,999	49.4	–	–	–	2.7	2.3	5.6	9.1	6.1	14.2	6.8	1.2	1.4	771
\$80,000 to \$99,999	12.5	–	–	–	–	–	–	–	3.3	3.4	4.5	–	1.2	...
\$100,000 to \$119,999	4.6	–	–	–	–	–	–	–	1.1	2.3	1.2	–	–	...
\$120,000 or more	2.2	–	–	–	–	–	–	1.0	–	1.2	–	–	–	...
Median	25 339	...	...	...	18 754	18 120	24 556	24 656	30 345	43 421	43 132	...	...	...
Rent Reductions														
No subsidy	468.8	1.0	11.1	6.0	27.0	53.2	86.8	84.8	72.6	59.0	35.8	10.2	21.4	646
Rent control	5.6	–	–	–	–	1.0	1.2	–	1.0	1.0	–	1.5	–	...
No rent control	460.6	1.0	11.1	6.0	27.0	52.2	85.6	84.8	71.6	58.0	33.2	8.7	21.4	643
Reduced by owner	19.9	–	–	–	–	2.3	–	1.1	3.2	1.1	–	–	12.2	...
Not reduced by owner	440.7	1.0	11.1	6.0	27.0	49.9	85.6	83.7	68.5	56.9	33.2	8.7	9.2	642
Owner reduction not reported	–	–	–	–	–	–	–	–	–	–	–	–	–	...
Rent control not reported	2.6	–	–	–	–	–	–	–	–	–	2.6	–	–	...
Owned by public housing authority	18.8	3.1	4.5	2.4	2.5	1.3	–	1.2	–	1.2	–	1.2	1.2	...
Government subsidy	21.4	–	4.7	1.0	3.2	1.0	1.3	2.3	3.2	–	–	1.2	3.7	...
Other, income verification	20.4	–	1.0	–	–	–	6.6	1.1	5.9	2.3	3.4	–	–	...
Subsidy not reported	11.2	–	1.1	–	–	–	–	–	3.3	–	4.5	1.2	–	...

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

Table 4-23. Units in Structure by Selected 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	1, detached	1, attached	Multiunit						Mobile homes
				Total	2 to 4	5 to 9	10 to 19	20 to 49	50 or more	
Total	540.5	57.2	202.0	281.3	115.8	46.2	51.4	21.8	46.1	–
Race and Origin										
White	344.5	41.8	111.5	191.3	80.0	28.6	38.9	12.8	30.9	–
Non-Hispanic	323.6	39.4	98.2	186.0	79.0	26.8	36.6	12.8	30.9	–
Hispanic	20.9	2.4	13.3	5.2	1.1	1.9	2.3	–	–	–
Black	153.4	14.2	73.2	66.0	25.8	14.0	10.2	4.9	11.1	–
American Indian, Eskimo, and Aleut	1.2	–	–	1.2	–	–	–	–	–	–
Asian and Pacific Islander	15.4	–	4.8	10.5	2.2	1.1	1.1	2.0	4.1	–
Other	26.0	1.2	12.5	12.2	6.5	2.4	1.2	2.1	–	–
Total Hispanic	37.6	3.5	22.2	11.9	4.2	3.0	3.5	1.1	–	–
Cooperatives and Condominiums										
Cooperatives	3.5	–	3.5	–	–	–	–	–	–	–
Condominiums	25.8	1.1	13.0	11.7	4.5	–	3.7	–	3.5	–
Year Structure Built¹										
2000 to 2004	–	–	–	–	–	–	–	–	–	–
1995 to 1999	5.2	–	3.5	1.8	1.8	–	–	–	–	–
1990 to 1994	17.3	4.8	8.0	4.4	3.2	–	.1	–	1.1	–
1985 to 1989	13.1	2.4	8.4	2.3	1.1	1.3	–	–	–	–
1980 to 1984	18.9	–	5.0	13.9	5.8	1.3	–	2.3	4.5	–
1975 to 1979	33.1	–	10.2	22.9	5.6	4.1	7.7	2.1	3.4	–
1970 to 1974	43.4	–	14.0	29.4	6.4	4.5	9.0	3.2	6.3	–
1960 to 1969	89.7	8.3	17.1	64.4	14.8	5.9	20.0	9.4	14.3	–
1950 to 1959	56.8	12.0	25.4	19.4	9.0	2.5	2.3	1.1	4.7	–
1940 to 1949	50.0	1.1	23.5	25.5	8.4	7.4	3.5	1.4	4.8	–
1930 to 1939	55.0	4.7	22.0	28.4	15.3	8.2	2.4	–	2.4	–
1920 to 1929	62.3	3.6	27.0	31.6	21.1	2.5	2.2	1.2	4.6	–
1919 or earlier	95.6	20.3	38.0	37.3	23.4	8.7	4.2	1.0	–	–
Median	1951	1940	1946	1959	1939	1945	1966	...	1965	...
Rooms										
1 room	1.2	–	1.2	–	–	–	–	–	–	–
2 rooms	14.3	–	2.3	12.0	2.3	3.8	2.3	–	3.7	–
3 rooms	137.6	1.2	30.8	105.7	38.2	20.3	22.4	9.6	15.2	–
4 rooms	164.8	9.8	47.1	107.8	48.7	12.3	25.4	6.6	14.7	–
5 rooms	105.9	11.8	49.9	44.1	20.3	6.9	1.2	4.3	11.4	–
6 rooms	75.0	15.7	50.1	9.2	5.1	2.9	–	–	1.2	–
7 rooms	21.0	8.7	11.1	9.2	–	–	–	1.2	–	–
8 rooms	13.4	6.3	6.0	1.1	1.1	–	–	–	–	–
9 rooms	2.4	1.3	1.1	–	–	–	–	–	–	–
10 rooms or more	4.8	2.3	2.5	–	–	–	–	–	–	–
Bedrooms										
None	8.6	–	2.4	6.2	–	3.8	–	–	2.4	–
1	197.9	3.6	48.4	145.9	58.7	24.6	30.2	10.6	21.8	–
2	193.7	17.0	62.0	114.7	47.6	14.0	21.2	10.0	21.9	–
3	109.5	24.4	73.8	11.2	8.4	2.9	–	–	–	–
4 or more	30.8	12.2	15.4	3.2	1.1	.9	–	1.2	–	–
Complete Bathrooms										
None	1.2	–	1.2	–	–	–	–	–	–	–
1	422.1	28.1	150.0	244.0	109.9	40.6	46.0	16.2	31.3	–
1 and one-half	61.3	17.0	29.6	14.7	3.6	4.8	1.2	2.2	3.1	–
2 or more	55.8	12.2	21.1	22.5	2.3	.9	4.2	3.4	11.8	–
Square Footage of Unit										
Single detached and mobile homes	57.2	57.2	...	...	...	...	...	...	...	–
Less than 500	1.2	1.2	...	...	...	...	...	...	...	–
500 to 749 .....	–	–	...	...	...	...	...	...	...	–
750 to 999	2.4	2.4	...	...	...	...	...	...	...	–
1,000 to 1,499	5.9	5.9	...	...	...	...	...	...	...	–
1,500 to 1,999	13.1	13.1	...	...	...	...	...	...	...	–
2,000 to 2,499	2.2	2.2	...	...	...	...	...	...	...	–
2,500 to 2,999	1.1	1.1	...	...	...	...	...	...	...	–
3,000 to 3,999	2.4	2.4	...	...	...	...	...	...	...	–
4,000 or more	7.7	7.7	...	...	...	...	...	...	...	–
Not reported	21.2	21.2	...	...	...	...	...	...	...	–
Median	1 823	1 823	...	...	...	...	...	...	...	...
Persons per Room										
0.50 or less	373.7	40.8	126.0	206.9	77.5	34.4	40.9	16.5	37.6	–
0.51 to 1.00	154.0	16.4	68.6	68.9	35.0	11.8	9.4	4.1	8.5	–
1.01 to 1.50	12.8	–	7.4	5.4	3.2	–	1.1	1.1	–	–
1.51 or more	–	–	–	–	–	–	–	–	–	–
Square Feet per Person										
Single detached and mobile homes	57.2	57.2	...	...	...	...	...	...	...	–
Less than 200	1.2	1.2	...	...	...	...	...	...	...	–
200 to 299	1.2	1.2	...	...	...	...	...	...	...	–
300 to 399	5.9	5.9	...	...	...	...	...	...	...	–
400 to 499 .....	–	–	...	...	...	...	...	...	...	–
500 to 599	2.4	2.4	...	...	...	...	...	...	...	–
600 to 699	1.1	1.1	...	...	...	...	...	...	...	–
700 to 799 .....	–	–	...	...	...	...	...	...	...	–
800 to 899	4.6	4.6	...	...	...	...	...	...	...	–
900 to 999	6.0	6.0	...	...	...	...	...	...	...	–
1,000 to 1,499	2.7	2.7	...	...	...	...	...	...	...	–
1,500 or more	11.0	11.0	...	...	...	...	...	...	...	–
Not reported	21.2	21.2	...	...	...	...	...	...	...	–
Median	927	927	...	...	...	...	...	...	...	...

Table 4-23. Units in Structure 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	1, detached	1, attached	Multiunit						Mobile homes
				Total	2 to 4	5 to 9	10 to 19	20 to 49	50 or more	
Equipment²										
Lacking complete kitchen facilities	16.4	—	1.1	15.3	4.5	4.6	2.3	2.0	1.9	—
With complete kitchen (sink, refrigerator, and oven or burners)	524.1	57.2	200.9	265.9	111.2	41.6	49.1	19.7	44.3	—
Kitchen sink	539.4	57.2	200.9	281.3	115.8	46.2	51.4	21.8	46.1	—
Refrigerator	538.3	57.2	202.0	279.1	115.8	45.0	51.4	20.8	46.1	—
Cooking stove or range	536.1	57.2	200.6	278.3	115.8	45.3	49.3	21.8	46.1	—
Burners, no stove or range	2.0	—	—	2.0	—	.9	1.1	—	—	—
Microwave oven only	2.5	—	1.4	1.0	—	—	1.0	—	—	—
Dishwasher	177.5	23.2	63.5	90.8	21.9	7.5	26.2	8.7	26.5	—
Washing machine	246.1	49.1	119.4	77.6	39.9	8.8	11.1	7.9	9.9	—
Clothes dryer	204.9	46.7	90.4	67.9	35.6	7.9	8.7	7.9	7.7	—
Disposal in kitchen sink	168.0	7.7	60.5	99.7	25.7	10.9	25.9	8.7	28.5	—
Trash compactor	8.9	1.2	2.2	5.5	3.3	—	1.2	1.0	—	—
Air conditioning:										
Central	165.4	12.5	66.4	86.5	19.3	8.4	22.9	9.2	26.7	—
Additional central	6.9	1.2	1.1	4.6	—	1.3	2.1	—	1.2	—
1 room unit	161.2	17.5	49.0	94.8	49.1	20.2	14.1	4.0	7.3	—
2 room units	106.0	9.7	39.7	56.6	29.3	4.5	10.0	8.6	4.1	—
3 room units or more	24.0	8.6	7.3	8.1	1.5	.9	—	—	5.7	—
Main Heating Equipment										
Warm-air furnace	268.0	31.9	112.8	123.3	49.3	19.1	20.9	11.1	23.0	—
Steam or hot water system	183.4	16.9	63.5	103.0	45.0	21.4	18.2	5.2	13.1	—
Electric heat pump	28.1	1.2	9.4	17.6	5.2	1.3	4.4	2.1	4.6	—
Built-in electric units	38.6	2.4	11.6	24.6	11.3	3.4	3.4	2.3	4.3	—
Floor, wall, or other built-in hot-air units without ducts	15.3	2.5	2.3	10.5	3.9	1.1	3.2	1.0	1.2	—
Room heaters with flue	4.8	1.3	1.2	2.3	1.0	—	1.3	—	—	—
Room heaters without flue	1.1	—	1.1	—	—	—	—	—	—	—
Portable electric heaters	—	—	—	—	—	—	—	—	—	—
Stoves	—	—	—	—	—	—	—	—	—	—
Fireplaces with inserts	—	—	—	—	—	—	—	—	—	—
Fireplaces without inserts	—	—	—	—	—	—	—	—	—	—
Other	1.2	1.2	—	—	—	—	—	—	—	—
Cooking stove	—	—	—	—	—	—	—	—	—	—
None	—	—	—	—	—	—	—	—	—	—
Plumbing										
With all plumbing facilities	532.2	54.6	200.9	276.6	114.7	43.7	50.4	21.8	46.1	—
Lacking some or all plumbing facilities ²	8.3	2.6	1.1	4.6	1.1	2.5	1.0	—	—	—
No hot piped water	—	—	—	—	—	—	—	—	—	—
No bathtub and no shower	—	—	—	—	—	—	—	—	—	—
No flush toilet	—	—	—	—	—	—	—	—	—	—
No exclusive use	8.3	2.6	1.1	4.6	1.1	2.5	1.0	—	—	—
Primary Source of Water										
Public system or private company	514.8	40.1	200.6	274.1	108.6	46.2	51.4	21.8	46.1	—
Well serving 1 to 5 units	24.5	15.9	1.4	7.2	7.2	—	—	—	—	—
Drilled	20.5	11.9	1.4	7.2	7.2	—	—	—	—	—
Dug	1.3	1.3	—	—	—	—	—	—	—	—
Not reported	2.7	2.7	—	—	—	—	—	—	—	—
Other	1.2	1.2	—	—	—	—	—	—	—	—
Units Using Each Fuel²										
Electricity	540.5	57.2	202.0	281.3	115.8	46.2	51.4	21.8	46.1	—
Piped gas	402.3	29.4	162.2	210.7	86.5	37.7	35.3	18.4	32.9	—
Bottled gas	13.1	6.1	4.6	2.4	1.4	—	1.0	—	—	—
Fuel oil	132.9	27.5	32.0	73.4	28.8	10.6	14.5	—	19.5	—
Kerosene or other liquid fuel	8.3	3.8	3.5	1.0	1.0	—	—	—	—	—
Coal or coke	—	—	—	—	—	—	—	—	—	—
Wood	5.6	3.5	1.0	1.1	1.1	—	—	—	—	—
Solar energy	—	—	—	—	—	—	—	—	—	—
Other	7.5	—	1.2	6.4	—	—	1.3	—	5.0	—
All electric units	73.8	3.5	23.0	47.3	17.1	7.3	9.7	3.4	9.9	—
Selected Amenities²										
Porch, deck, balcony, or patio	286.3	42.5	104.8	139.0	62.7	20.3	28.0	7.6	20.4	—
Telephone available	483.1	54.6	172.7	255.8	107.6	43.8	43.4	19.1	41.6	—
Usable fireplace	29.7	12.2	10.2	7.4	5.2	—	2.1	—	—	—
Separate dining room	189.3	36.4	84.8	68.1	30.8	10.3	3.5	6.5	17.0	—
With 2 or more living rooms or recreation rooms, etc.	44.9	18.7	17.7	8.5	4.0	1.3	3.2	—	—	—
Garage or carport included with home	67.4	21.8	21.4	24.1	17.9	—	1.2	2.5	2.4	—
Not included	473.1	35.4	180.6	257.2	97.8	46.2	50.1	19.3	43.7	—
Off-street parking included	283.7	26.0	80.5	177.2	59.8	22.4	47.9	12.9	34.2	—
Off-street parking not reported	1.2	—	—	1.2	—	—	—	—	1.2	—
Garage or carport not reported	—	—	—	—	—	—	—	—	—	—
Selected Deficiencies²										
Signs of rats in last 3 months	7.2	—	3.7	3.5	1.1	1.2	1.3	—	—	—
Signs of mice in last 3 months	89.9	9.8	45.2	34.9	17.0	8.8	2.3	3.3	3.5	—
Signs of rodents, not sure which kind in last 3 months	2.3	1.2	—	1.1	1.1	—	—	—	—	—
Holes in floors	11.9	1.3	4.5	6.1	3.9	2.2	—	—	—	—
Open cracks or holes (interior)	56.7	5.2	21.8	29.7	13.4	8.0	5.0	1.1	2.2	—
Broken plaster or peeling paint (interior)	33.0	3.9	9.4	19.8	5.9	3.4	4.8	3.5	2.2	—
No electrical wiring	—	—	—	—	—	—	—	—	—	—
Exposed wiring	3.7	—	1.3	2.4	—	—	1.4	—	1.0	—
Rooms without electric outlets	14.4	1.2	7.2	6.0	1.1	2.4	2.5	—	—	—
Selected Physical Problems										
Severe physical problems ²	19.4	4.4	3.7	11.3	2.2	3.7	1.0	1.0	3.3	—
Plumbing	8.3	2.6	1.1	4.6	1.1	2.5	1.0	—	—	—
Heating	9.9	1.8	2.6	5.5	1.2	—	—	1.0	3.3	—
Electric	—	—	—	—	—	—	—	—	—	—
Upkeep	1.2	—	—	1.2	—	1.2	—	—	—	—
Hallways	—	—	—	—	—	—	—	—	—	—
Moderate physical problems ²	36.9	1.2	12.6	23.1	8.3	5.7	6.2	1.0	1.9	—
Plumbing	.1	—	—	.1	—	—	.1	—	—	—
Heating	1.1	—	1.1	—	—	—	—	—	—	—
Upkeep	20.4	1.2	10.4	8.7	2.7	2.3	3.8	—	—	—
Hallways	1.1	—	—	1.1	—	—	—	—	—	—
Kitchen	14.2	—	1.1	13.1	4.5	3.4	2.3	1.0	1.9	—

Table 4-23. Units in Structure 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	1, detached	1, attached	Multiunit						Mobile homes
				Total	2 to 4	5 to 9	10 to 19	20 to 49	50 or more	
Persons										
1 person	220.7	11.7	63.1	145.9	56.1	24.5	31.0	8.5	25.9	—
2 persons	153.0	16.1	57.8	79.1	29.1	13.7	12.4	8.8	15.2	—
3 persons	81.0	15.2	30.8	35.0	18.1	6.3	3.3	2.3	5.0	—
4 persons	39.2	8.4	19.4	11.4	5.6	—	3.7	2.2	—	—
5 persons	38.4	5.8	26.1	6.5	3.7	1.8	1.1	—	—	—
6 persons	5.8	—	2.5	3.3	3.3	—	—	—	—	—
7 persons or more	2.3	—	2.3	—	—	—	—	—	—	—
Persons 65 Years Old and Over										
None	457.1	51.3	175.2	230.6	99.5	41.4	40.0	19.7	30.0	—
1 person	65.7	5.9	18.6	41.2	16.3	2.3	7.7	2.1	12.8	—
2 persons or more	17.7	—	8.2	9.5	—	2.5	3.7	—	3.4	—
Age of Householder										
Under 25 years	52.9	1.4	14.4	37.2	15.2	9.4	4.5	4.4	3.7	—
25 to 29	82.1	7.4	30.2	44.5	19.4	7.3	4.6	4.3	8.9	—
30 to 34	65.8	8.8	21.6	35.5	17.6	5.6	7.7	1.0	3.5	—
35 to 44	109.8	14.6	46.0	49.3	22.3	3.2	11.3	5.8	6.8	—
45 to 54	92.8	14.6	38.0	40.2	15.3	10.0	7.3	3.2	4.4	—
55 to 64	62.4	5.8	31.7	25.0	9.8	5.9	4.6	1.0	3.8	—
65 to 74	31.3	1.2	7.4	22.7	10.5	3.6	6.6	—	2.1	—
75 years and over	43.2	3.5	12.7	26.9	5.7	1.3	4.8	2.1	13.0	—
Median	41	43	43	40	38	37	43	...	45	...
Household Composition by Age of Householder										
2-or-more-person households	319.8	45.5	138.9	135.4	59.7	21.7	20.4	13.3	20.2	—
Married-couple families, no nonrelatives	139.8	15.6	69.0	55.1	28.0	7.8	9.5	4.2	5.7	—
Under 25 years	7.4	—	5.1	2.2	1.1	—	1.2	—	—	—
25 to 29 years	25.1	1.2	11.6	12.4	6.8	1.3	1.1	2.1	1.1	—
30 to 34 years	20.4	2.5	11.9	6.1	4.1	.9	—	1.0	—	—
35 to 44 years	29.5	4.7	12.7	12.1	9.5	—	1.4	—	1.2	—
45 to 64 years	35.5	6.1	19.6	9.9	2.5	3.2	2.1	1.0	1.1	—
65 years and over	21.8	1.2	8.2	12.4	3.9	2.5	3.7	—	2.3	—
Other male householder	58.9	11.3	14.7	32.9	11.6	6.2	3.4	4.4	7.3	—
Under 45 years	41.3	10.2	8.7	22.4	7.9	3.7	2.3	2.2	6.2	—
45 to 64 years	14.2	1.1	4.8	8.3	2.6	2.5	1.1	2.2	—	—
65 years and over	3.4	—	1.2	2.2	1.1	—	—	—	1.1	—
Other female householder	121.1	18.6	55.2	47.4	20.1	7.8	7.6	4.7	7.2	—
Under 45 years	86.2	10.0	38.9	37.3	14.9	6.5	6.5	4.7	4.7	—
45 to 64 years	30.1	7.3	14.9	7.9	4.2	1.3	—	—	2.5	—
65 years and over	4.8	1.2	1.4	2.1	1.0	—	1.1	—	—	—
1-person households	220.7	11.7	63.1	145.9	56.1	24.5	31.0	8.5	25.9	—
Male householder	94.0	7.2	27.8	59.1	26.7	13.8	9.5	3.2	5.8	—
Under 45 years	47.2	1.3	9.5	36.4	14.6	9.4	6.4	2.1	3.8	—
45 to 64 years	38.0	4.8	17.0	16.1	8.6	4.5	2.0	—	1.0	—
65 years and over	8.9	1.1	1.3	6.5	3.4	—	1.0	1.1	1.0	—
Female householder	126.7	4.5	35.3	86.9	29.3	10.6	21.5	5.3	20.1	—
Under 45 years	53.6	2.3	13.9	37.4	15.4	3.8	9.1	3.3	5.8	—
45 to 64 years	37.5	1.0	13.4	23.0	7.2	4.5	6.7	1.0	3.6	—
65 years and over	35.6	1.2	8.0	26.4	6.8	2.3	5.6	1.0	10.7	—
Household Income										
Less than \$5,000	53.7	2.5	24.8	26.4	7.5	7.0	5.1	3.6	3.2	—
\$5,000 to \$9,999	50.1	2.2	23.5	24.4	6.9	8.2	3.5	1.0	4.8	—
\$10,000 to \$14,999	52.9	2.4	20.8	29.7	6.7	5.5	6.7	2.0	8.8	—
\$15,000 to \$19,999	56.5	7.2	21.4	27.9	11.3	5.6	6.6	1.0	3.4	—
\$20,000 to \$24,999	40.1	1.2	20.4	18.5	12.0	2.3	2.3	1.0	1.0	—
\$25,000 to \$29,999	45.0	9.7	13.9	21.5	12.4	4.4	1.1	3.6	—	—
\$30,000 to \$34,999	63.2	7.7	16.3	39.3	18.1	4.6	7.6	1.1	7.9	—
\$35,000 to \$39,999	36.5	6.4	17.6	12.5	5.7	1.1	3.5	1.0	1.2	—
\$40,000 to \$49,999	42.3	5.0	12.8	24.5	10.1	4.0	6.9	1.0	2.4	—
\$50,000 to \$59,999	24.8	4.5	6.0	14.2	8.1	—	1.3	2.2	2.6	—
\$60,000 to \$79,999	54.9	3.8	15.4	35.7	15.7	3.6	4.6	3.3	8.6	—
\$80,000 to \$99,999	12.5	4.6	4.5	3.4	—	—	1.1	—	2.3	—
\$100,000 to \$119,999	5.7	—	4.7	1.1	—	—	1.1	—	—	—
\$120,000 or more	2.2	—	—	2.2	1.2	—	—	1.0	—	—
Median	26 882	32 254	22 571	28 189	30 289	17 224	30 264	...	31 184	...
As percent of poverty level:										
Less than 50 percent	62.2	4.7	29.6	27.9	9.0	7.0	5.1	3.6	3.2	—
50 to 99	55.5	3.8	26.2	25.6	8.6	6.5	3.4	1.0	6.0	—
100 to 149	58.0	1.2	29.4	27.3	6.1	8.9	6.8	1.0	4.5	—
150 to 199	63.6	7.2	29.6	26.7	9.1	4.7	4.5	3.1	5.3	—
200 percent or more	301.2	40.3	87.2	173.7	83.0	19.1	31.5	13.1	27.1	—
Income of Families and Primary Individuals										
Less than \$5,000	56.2	2.5	26.2	27.6	8.7	7.0	5.1	3.6	3.2	—
\$5,000 to \$9,999	54.6	5.9	23.4	25.4	6.9	9.2	3.5	1.0	4.8	—
\$10,000 to \$14,999	57.4	2.4	21.9	33.1	8.1	6.4	6.7	3.1	8.8	—
\$15,000 to \$19,999	55.6	6.0	22.4	27.2	12.5	3.7	6.6	1.0	3.4	—
\$20,000 to \$24,999	43.3	1.2	19.2	22.9	15.3	2.3	3.3	1.0	1.0	—
\$25,000 to \$29,999	46.2	11.0	15.5	19.8	9.9	5.3	1.1	3.5	—	—
\$30,000 to \$34,999	58.8	5.3	15.2	38.3	17.1	4.6	7.6	1.1	7.9	—
\$35,000 to \$39,999	33.4	6.4	16.6	10.4	4.7	1.1	2.4	1.0	1.2	—
\$40,000 to \$49,999	39.9	3.7	11.2	25.0	12.6	3.1	6.9	—	2.4	—
\$50,000 to \$59,999	26.4	4.5	7.4	14.5	7.0	—	1.3	2.2	4.0	—
\$60,000 to \$79,999	49.4	3.8	15.2	30.4	11.8	3.6	4.6	3.3	7.2	—
\$80,000 to \$99,999	12.5	4.6	4.5	3.4	—	—	1.1	—	2.3	—
\$100,000 to \$119,999	4.6	—	3.5	1.1	—	—	1.1	—	—	—
\$120,000 or more	2.2	—	—	2.2	1.2	—	—	1.0	—	—
Median	25 339	29 844	21 869	26 134	28 257	15 798	26 891	...	31 184	...

Table 4-23. Units in Structure 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	1, detached	1, attached	Multiunit						Mobile homes	
				Total	2 to 4	5 to 9	10 to 19	20 to 49	50 or more		
Monthly Housing Costs											
Less than \$100	4.1	—	—	4.1	1.0	.9	—	—	—	2.2	—
\$100 to \$199	22.4	—	15.7	6.8	2.2	1.0	—	—	—	3.6	—
\$200 to \$249	1.2	—	1.2	—	—	—	—	—	—	—	—
\$250 to \$299	8.2	1.2	5.8	1.2	—	1.2	—	—	—	—	—
\$300 to \$349	12.4	—	7.5	4.9	2.4	2.5	—	—	—	—	—
\$350 to \$399	20.3	—	8.4	11.9	7.3	2.5	—	—	—	2.1	—
\$400 to \$449	21.7	1.2	8.0	12.5	5.5	5.9	—	—	—	1.1	—
\$450 to \$499	34.8	3.0	8.2	23.5	12.0	6.2	2.2	3.2	—	—	—
\$500 to \$599	94.6	10.5	29.8	54.3	25.9	7.4	14.4	4.6	2.1	—	—
\$600 to \$699	89.4	3.5	26.7	59.2	26.9	6.7	14.9	3.2	7.6	—	—
\$700 to \$799	85.0	9.6	28.2	47.2	19.5	5.4	12.5	2.1	7.5	—	—
\$800 to \$999	62.5	11.9	24.1	26.6	7.8	4.5	5.1	4.5	4.7	—	—
\$1,000 to \$1,249	34.3	3.9	15.8	14.6	1.1	1.1	1.2	3.2	8.1	—	—
\$1,250 to \$1,499	9.5	1.1	5.9	2.4	—	—	—	—	2.4	—	—
\$1,500 or more	13.9	—	3.9	9.9	3.2	.9	—	1.1	4.7	—	—
No cash rent	26.3	11.4	12.8	2.1	1.0	—	1.1	—	—	—	—
Median (excludes no cash rent)	642	737	637	634	604	539	658	...	759	...	...
Monthly Housing Costs as Percent of Current Income³											
Less than 5 percent	1.1	—	1.1	—	—	—	—	—	—	—	—
5 to 9 percent	17.3	2.3	4.8	10.2	4.6	2.5	2.1	1.0	—	—	—
10 to 14 percent	51.8	2.3	18.7	30.9	15.3	5.6	6.1	1.1	2.8	—	—
15 to 19 percent	73.4	5.6	21.1	46.7	21.7	5.8	6.9	4.5	7.8	—	—
20 to 24 percent	70.0	8.1	25.2	36.6	16.4	3.1	5.3	2.2	9.7	—	—
25 to 29 percent	52.9	8.2	18.0	26.7	11.7	4.5	4.6	—	6.0	—	—
30 to 34 percent	43.8	4.6	20.8	18.3	6.8	4.1	2.3	3.0	2.1	—	—
35 to 39 percent	30.9	1.3	12.1	17.5	6.4	3.5	3.2	—	4.4	—	—
40 to 49 percent	39.6	1.3	14.4	23.8	9.3	4.6	3.5	4.4	2.1	—	—
50 to 59 percent	25.9	2.5	15.8	7.6	5.5	1.1	1.1	—	—	—	—
60 to 69 percent	15.4	1.4	4.9	9.1	3.6	—	3.4	—	2.1	—	—
70 to 99 percent	23.7	3.5	9.5	10.7	2.2	.9	3.4	2.0	2.2	—	—
100 percent or more ⁴	46.2	4.7	15.5	26.0	5.0	7.1	4.5	3.6	5.7	—	—
Zero or negative income	22.3	—	7.3	15.0	6.3	3.4	4.0	—	1.2	—	—
No cash rent	26.3	11.4	12.8	2.1	1.0	—	1.1	—	—	—	—
Median (excludes 2 previous lines)	28	28	31	26	24	30	28	...	27	...	...
Median (excludes 3 lines before medians)	26	26	28	24	23	26	26	...	25	...	...

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

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

³Beginning with 1989 this item uses current income in its calculation, see Appendix A.

⁴May 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 years	Mobile homes	Physical problems		Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three
						Severe	Moderate						
Total	341.5	188.1	153.4	—	—	11.7	26.8	63.0	51.8	87.2	235.2	9.1	27.0
Tenure													
Owner occupied	188.1	188.1	...	—	—	5.5	9.9	55.0	15.3	33.1	135.8	3.3	15.4
Percent of all occupied	55.1	100.0	...	—	—	46.7	37.1	87.3	29.4	38.0	57.7	36.3	56.9
Renter occupied	153.4	...	153.4	—	—	6.2	16.8	8.0	36.6	54.1	99.4	5.8	11.6
Race and Origin													
White .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Non-Hispanic .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Hispanic .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Black	341.5	188.1	153.4	—	—	11.7	26.8	63.0	51.8	87.2	235.2	9.1	27.0
American Indian, Eskimo, and Aleut .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Asian and Pacific Islander .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Other .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Total Hispanic	3.3	2.2	1.1	—	—	—	—	2.2	—	1.1	1.1	—	1.1
Units in Structure													
1, detached	55.3	41.1	14.2	—	...	—	3.4	13.5	2.8	9.4	12.7	3.3	9.0
1, attached	214.2	141.1	73.2	—	...	8.1	13.7	45.0	30.1	58.4	181.3	1.1	12.2
2 to 4	30.6	4.7	25.8	—	...	—	6.0	2.1	5.6	6.4	19.4	2.4	3.4
5 to 9	15.2	1.2	14.0	—	...	2.4	2.3	1.2	5.9	4.8	10.8	—	—
10 to 19	10.2	—	10.2	—	...	—	1.4	1.1	3.3	2.3	1.4	2.3	—
20 to 49	4.9	—	4.9	—	...	—	—	—	—	1.4	2.5	—	1.4
50 or more	11.1	—	11.1	—	...	1.2	—	—	4.1	4.6	7.3	—	1.0
Mobile home or trailer	—	—	—	—	—	—	—	—	—	—	—	—	—
Cooperatives and Condominiums													
Cooperatives	1.3	—	1.3	—	—	—	—	—	—	—	1.3	—	—
Condominiums	6.7	3.3	3.3	—	—	—	1.2	—	2.4	—	1.1	—	2.1
Year Structure Built²													
2000 to 2004	—	—	—	—	—	—	—	—	—	—	—	—	—
1995 to 1999	1.3	1.3	—	—	—	—	—	—	—	—	—	—	—
1990 to 1994	15.9	8.8	7.1	—	—	—	.1	—	6.4	2.6	6.9	—	2.6
1985 to 1989	4.6	3.3	1.2	—	—	—	—	1.1	1.2	—	3.6	—	—
1980 to 1984	3.6	1.2	2.4	—	—	—	—	1.2	—	1.2	—	—	—
1975 to 1979	8.6	3.2	5.4	—	—	—	—	—	1.1	2.3	2.1	—	—
1970 to 1974	5.6	2.5	3.1	—	—	—	—	—	2.1	—	2.3	—	—
1960 to 1969	27.2	14.2	13.0	—	—	—	—	—	1.2	5.1	3.6	—	5.7
1950 to 1959	36.1	15.0	21.1	—	—	1.2	2.7	3.4	3.4	13.6	20.0	3.6	4.4
1940 to 1949	37.0	22.1	14.9	—	—	3.6	2.3	3.6	6.0	11.0	31.2	1.1	1.4
1930 to 1939	50.5	25.5	25.0	—	—	3.7	8.1	9.8	5.8	9.7	42.7	—	5.5
1920 to 1929	61.7	34.2	27.5	—	—	—	3.4	20.7	11.6	16.9	44.7	3.3	2.1
1919 or earlier	89.5	56.9	32.6	—	—	3.3	9.0	20.1	8.8	25.8	75.7	1.2	3.3
Median	1934	1931	1937	...	...	...	...	1926	1940	1931	1929	...	...

¹See back cover for details.

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

Table 5-4. Selected Equipment and Plumbing—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]

Table with columns for Characteristics, Total occupied units, Tenure (Owner, Renter), Housing unit characteristics (New construction 4 years, Mobile homes), Physical problems (Severe, Moderate), Household characteristics (Elderly (65 years and over), Moved in past year, Below poverty level), and Selected subareas (Area one, Area two, Area three). Rows include Total, Equipment, Main Heating Equipment, Other Heating Equipment, and Plumbing.

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 years	Mobile homes	Physical problems		Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three
						Severe	Moderate						
Primary Source of Water													
Public system or private company	336.6	184.3	152.3	–	–	11.7	26.8	63.0	50.6	87.2	235.2	9.1	27.0
Well serving 1 to 5 units	4.9	3.8	1.1	–	–	–	–	–	1.2	–	–	–	–
Drilled	4.9	3.8	1.1	–	–	–	–	–	1.2	–	–	–	–
Dug	–	–	–	–	–	–	–	–	–	–	–	–	–
Not reported	–	–	–	–	–	–	–	–	–	–	–	–	–
Other	–	–	–	–	–	–	–	–	–	–	–	–	–
Safety of Primary Source of Water													
Selected primary water sources ³	341.5	188.1	153.4	–	–	11.7	26.8	63.0	51.8	87.2	235.2	9.1	27.0
Safe to drink	280.9	156.2	124.7	–	–	7.9	16.4	54.2	40.7	75.7	195.6	9.1	24.8
Not safe to drink	57.0	30.8	26.2	–	–	2.3	9.3	8.8	11.1	11.5	36.0	–	2.2
Safety not reported	3.6	1.1	2.5	–	–	1.4	1.1	–	–	–	3.6	–	–
Source of Drinking Water													
Primary source not safe to drink	57.0	30.8	26.2	–	–	2.3	9.3	8.8	11.1	11.5	36.0	–	2.2
Drinking and primary water source the same	18.0	7.6	10.3	–	–	–	2.3	2.2	4.5	8.0	11.3	–	1.0
Public or private system	18.0	7.6	10.3	–	–	–	2.3	2.2	4.5	8.0	11.3	–	1.0
Individual well	–	–	–	–	–	–	–	–	–	–	–	–	–
Spring	–	–	–	–	–	–	–	–	–	–	–	–	–
Cistern	–	–	–	–	–	–	–	–	–	–	–	–	–
Stream or lake	–	–	–	–	–	–	–	–	–	–	–	–	–
Other	–	–	–	–	–	–	–	–	–	–	–	–	–
Drinking and primary water source different	37.9	23.2	14.7	–	–	1.2	6.9	6.6	6.6	3.5	24.7	–	1.2
Public or private system	–	–	–	–	–	–	–	–	–	–	–	–	–
Individual well	–	–	–	–	–	–	–	–	–	–	–	–	–
Spring	10.1	8.9	1.2	–	–	–	1.2	3.3	4.5	1.1	8.9	–	–
Cistern	–	–	–	–	–	–	–	–	–	–	–	–	–
Stream or lake	1.0	–	1.0	–	–	–	–	–	–	–	–	–	–
Commercial bottled water	25.6	14.3	11.3	–	–	1.2	5.7	3.3	2.1	2.4	15.8	–	–
Other	1.2	–	1.2	–	–	–	–	–	–	–	–	–	1.2
Source of drinking water not reported	1.2	–	1.2	–	–	1.2	–	–	–	–	–	–	–
Means of Sewage Disposal													
Public sewer	334.0	184.4	149.6	–	–	11.7	25.7	63.0	51.8	83.4	232.9	9.1	24.5
Septic tank, cesspool, chemical toilet	7.5	3.7	3.8	–	–	–	1.1	–	–	3.8	2.3	–	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 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 years	Mobile homes	Physical problems		Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three
						Severe	Moderate						
UNITS WHERE HOUSEHOLDER MOVED DURING PAST YEAR													
Total	51.8	15.3	36.6	–	–	–	3.6	–	51.8	8.2	30.4	3.4	1.1
Structure Type of Previous Residence													
Moved from within United States	51.8	15.3	36.6	–	–	–	3.6	–	51.8	8.2	30.4	3.4	1.1
House	23.1	6.7	16.5	–	–	–	1.1	–	23.1	5.9	15.1	3.4	1.1
Apartment	27.0	8.6	18.5	–	–	–	2.6	–	27.0	2.3	15.3	–	–
Mobile home	–	–	–	–	–	–	–	–	–	–	–	–	–
Other	1.6	–	1.6	–	–	–	–	–	1.6	–	–	–	–
Not reported	–	–	–	–	–	–	–	–	–	–	–	–	–
Tenure of Previous Residence													
House, apartment, mobile home in United States	50.2	15.3	34.9	–	–	–	3.6	–	50.2	8.2	30.4	3.4	1.1
Owner occupied	12.5	4.5	8.0	–	–	–	1.1	–	12.5	3.4	6.7	2.3	–
Renter occupied	37.7	10.8	26.9	–	–	–	2.6	–	37.7	4.8	23.7	1.1	1.1
Persons — Previous Residence													
House, apartment, mobile home in United States	50.2	15.3	34.9	–	–	–	3.6	–	50.2	8.2	30.4	3.4	1.1
1 person	5.9	1.1	4.8	–	–	–	–	–	5.9	–	4.8	–	–
2 persons	8.0	–	8.0	–	–	–	1.2	–	8.0	–	5.9	–	–
3 persons	19.0	7.4	11.6	–	–	–	2.5	–	19.0	2.3	10.5	1.1	–
4 persons	9.4	4.6	4.8	–	–	–	–	–	9.4	1.1	3.6	1.1	1.1
5 persons	3.4	1.1	2.3	–	–	–	–	–	3.4	1.4	3.4	–	–
6 persons	1.2	–	1.2	–	–	–	–	–	1.2	1.2	–	1.2	–
7 persons or more	–	–	–	–	–	–	–	–	–	–	–	–	–
Not reported	3.3	1.1	2.3	–	–	–	–	–	3.3	2.3	2.2	–	–
Previous Home Owned or Rented by Someone Who Moved Here													
House, apartment, mobile home in United States	50.2	15.3	34.9	–	–	–	3.6	–	50.2	8.2	30.4	3.4	1.1
Owned or rented by a mover	36.8	10.8	26.0	–	–	–	2.5	–	36.8	4.8	23.9	2.2	1.1
Owned or rented by other	12.3	4.5	7.8	–	–	–	1.2	–	12.3	2.2	6.5	1.2	–
By a relative	9.0	3.4	5.6	–	–	–	–	–	9.0	2.2	5.4	1.2	–
By a nonrelative	3.3	1.1	2.2	–	–	–	1.2	–	3.3	–	1.1	–	–
Not reported	–	–	–	–	–	–	–	–	–	–	–	–	–
Not reported	1.2	–	1.2	–	–	–	–	–	1.2	1.2	–	–	–
Change in Housing Costs													
House, apartment, mobile home in United States	50.2	15.3	34.9	–	–	–	3.6	–	50.2	8.2	30.4	3.4	1.1
Increased with move	20.0	10.7	9.2	–	–	–	.1	–	20.0	1.1	10.2	1.1	1.1
Decreased	13.6	2.2	11.4	–	–	–	2.3	–	13.6	1.0	8.2	1.1	–
Stayed about the same	13.3	2.3	11.0	–	–	–	1.3	–	13.3	3.8	10.9	1.2	–
Don't know	3.2	–	3.2	–	–	–	–	–	3.2	2.3	1.1	–	–
Not reported	–	–	–	–	–	–	–	–	–	–	–	–	–

¹See back cover for details.

Table 5-11. Reasons for Move and Choice of Current Residence—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 years	Mobile homes	Physical problems		Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three
						Severe	Moderate						
RESPONDENT MOVED DURING PAST YEAR—Con.													
Main Reason for Choice of Present Home													
All reported reasons equal	6.2	2.8	3.4	—	—	—	—	—	6.2	—	2.3	1.1	—
Financial reasons	12.6	3.4	9.2	—	—	—	1.2	—	12.6	3.2	8.1	—	—
Room layout/design	6.2	3.5	2.7	—	—	—	—	—	6.2	—	1.1	1.1	—
Kitchen	—	—	—	—	—	—	—	—	—	—	—	—	—
Size	10.7	3.3	7.4	—	—	—	1.4	—	10.7	1.3	7.5	—	1.1
Exterior appearance	1.3	—	1.3	—	—	—	—	—	1.3	—	1.3	—	—
Yard/trees/view	1.2	—	1.2	—	—	—	—	—	1.2	—	—	—	—
Quality of construction	4.8	1.1	3.7	—	—	—	—	—	2.3	3.7	1.1	1.2	2.6
Only one available	3.6	—	3.6	—	—	—	—	—	2.3	2.7	3.6	—	—
Other	6.9	1.1	5.8	—	—	—	1.1	—	5.6	1.2	5.7	—	—
Not reported	3.4	—	3.4	—	...	—	—	—	3.4	—	2.4	—	—
Home Search													
Now in house	37.9	14.1	23.9	—	...	—	1.1	—	32.9	8.6	23.4	1.1	3.6
Did not look at apartments	28.5	11.8	16.8	—	...	—	1.1	—	26.1	4.9	18.8	—	1.1
Looked at apartments too	9.4	2.3	7.1	—	...	—	—	—	6.8	3.7	4.5	1.1	2.6
Search not reported	—	—	—	—	—	—	—	—	—	—	—	—	—
Now in mobile home	—	—	—	—	—	—	—	—	—	—	—	—	—
Did not look at apartments	—	—	—	—	—	—	—	—	—	—	—	—	—
Looked at apartments too	—	—	—	—	—	—	—	—	—	—	—	—	—
Search not reported	—	—	—	—	...	—	—	—	—	—	—	—	—
Now in apartment	18.9	1.2	17.7	—	...	—	2.6	—	18.9	3.5	9.6	2.3	—
Did not look at houses	15.2	1.2	14.0	—	...	—	2.6	—	15.2	3.5	5.9	2.3	—
Looked at houses too	3.7	—	3.7	—	...	—	—	—	3.7	—	3.7	—	—
Search not reported	—	—	—	—	—	—	—	—	—	—	—	—	—
Recent Mover Comparison to Previous Home													
Better home	41.1	13.1	28.0	—	—	—	2.6	—	37.3	7.6	22.7	2.2	3.6
Worse home	2.2	1.1	1.1	—	—	—	1.1	—	2.2	—	2.2	—	—
About the same	13.6	1.1	12.5	—	—	—	—	—	12.4	4.5	8.0	1.2	—
Not reported	—	—	—	—	—	—	—	—	—	—	—	—	—
Recent Mover Comparison to Previous Neighborhood													
Better neighborhood	21.5	9.5	11.9	—	—	—	.1	—	20.2	2.1	9.3	1.1	—
Worse neighborhood	4.7	—	4.7	—	—	—	1.1	—	3.4	1.2	4.7	—	—
About the same	26.6	5.7	20.9	—	—	—	2.5	—	24.0	7.6	14.8	2.3	3.6
Same neighborhood	4.2	—	4.2	—	—	—	—	—	4.2	1.1	4.2	—	—
Not reported	—	—	—	—	—	—	—	—	—	—	—	—	—

¹See back cover for details.

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

Table 5-15. Mortgage Characteristics—Owner 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]

Table with 14 columns: Characteristics, Total occupied units, Tenure (Owner, Renter), Housing unit characteristics (New construction 4 years, Mobile homes, Physical problems (Severe, Moderate)), Household characteristics (Elderly (65 years and over), Moved in past year, Below poverty level), and Selected subareas (Area one, Area two, Area three). Rows include Total, Mortgages Currently on Property (None, owned free and clear, Regular and home equity mortgages, etc.), Number of Regular and Home Equity Mortgages, Type of Home Equity Mortgage, OWNERS WITH ONE OR MORE REGULAR MORTGAGES, Type of Primary Mortgage, Lower Cost State and Local Mortgages, Mortgage Origination, Payment Plan of Primary Mortgage, Payment Plan of Secondary Mortgage, Lenders of Primary and Secondary Mortgages, and Items Included in Primary Mortgage Payment.

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	No rooms	1 room	2 rooms	3 rooms	4 rooms or more
OWNER OCCUPIED UNITS										
Total	188.1	—	8.0	110.2	70.0	—	2.5	21.0	109.1	55.6
Value										
Less than \$10,000	6.6	—	2.1	3.2	1.2	—	1.0	2.1	2.2	1.2
\$10,000 to \$19,999	10.9	—	—	8.7	2.2	—	—	2.2	6.5	2.2
\$20,000 to \$29,999	10.6	—	1.4	5.9	3.3	—	1.4	—	7.0	2.2
\$30,000 to \$39,999	30.6	—	—	22.5	8.1	—	—	—	22.5	8.1
\$40,000 to \$49,999	19.4	—	—	16.2	3.3	—	—	1.2	18.2	—
\$50,000 to \$59,999	15.3	—	2.2	7.6	5.4	—	—	6.6	5.4	3.3
\$60,000 to \$69,999	21.4	—	1.1	8.7	11.6	—	—	2.2	11.2	8.0
\$70,000 to \$79,999	6.8	—	—	4.7	2.2	—	—	—	5.7	1.1
\$80,000 to \$99,999	21.0	—	1.1	13.0	6.9	—	—	1.1	13.1	6.8
\$100,000 to \$119,999	14.3	—	—	6.0	8.2	—	—	1.2	6.9	6.2
\$120,000 to \$149,999	16.2	—	—	9.3	7.0	—	—	3.3	7.1	5.9
\$150,000 to \$199,999	10.1	—	—	4.4	5.8	—	—	1.1	3.3	5.8
\$200,000 to \$249,999	1.2	—	—	—	1.2	—	—	—	—	1.2
\$250,000 to \$299,999	—	—	—	—	—	—	—	—	—	—
\$300,000 or more	3.7	—	—	—	3.7	—	—	—	—	3.7
Median	60 309	...	...	49 114	69 962	...	...	...	48 987	85 178

¹Does not include multiunits, cooperatives, or condominiums.

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								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	Not reported	
Total	55.3	2.3	1.0	6.2	9.9	4.5	8.2	23.1	1 830
Persons									
1 person	16.5	—	1.0	—	4.0	2.2	2.3	7.0	...
2 persons	16.5	—	—	1.1	1.2	2.3	1.2	10.7	...
3 persons	12.0	2.3	—	1.4	2.5	—	3.5	2.3	...
4 persons	5.8	—	—	3.6	1.1	—	—	1.0	...
5 persons	1.1	—	—	—	—	—	—	1.1	...
6 persons	3.4	—	—	—	1.2	—	1.2	1.0	...
7 persons or more	—	—	—	—	—	—	—	—	...
Rooms									
1 room	—	—	—	—	—	—	—	—	...
2 rooms	—	—	—	—	—	—	—	—	...
3 rooms	1.2	—	—	—	—	—	—	1.2	...
4 rooms	3.3	—	1.0	—	—	—	—	2.3	...
5 rooms	5.9	—	—	—	3.6	—	—	2.3	...
6 rooms	18.1	1.2	—	1.1	2.9	2.2	1.1	9.7	...
7 rooms	13.9	—	—	5.1	1.1	1.1	1.1	5.6	...
8 rooms	8.0	1.1	—	—	2.4	1.2	2.3	1.0	...
9 rooms	2.5	—	—	—	—	—	2.5	—	...
10 rooms or more	2.3	—	—	—	—	—	1.2	1.1	...
Bedrooms									
None	—	—	—	—	—	—	—	—	...
1	2.4	—	—	—	—	—	—	2.4	...
2	4.4	—	1.0	—	1.2	—	—	2.2	...
3	28.6	1.2	—	4.7	6.4	2.2	1.1	12.9	...
4 or more	19.9	1.1	—	1.4	2.2	2.4	7.1	5.7	...
Complete Bathrooms									
None	—	—	—	—	—	—	—	—	...
1	16.4	1.2	—	3.6	4.6	1.1	1.1	4.7	...
1 and one-half	12.2	1.1	1.0	—	2.5	1.1	1.2	5.3	...
2 or more	26.7	—	—	2.6	2.8	2.3	5.9	13.1	...
Lot Size¹									
Less than one-eighth acre	21.9	2.3	1.0	3.6	2.3	3.4	1.1	8.0	...
One-eighth up to one-quarter acre	13.9	—	—	—	3.6	—	—	10.3	...
One-quarter up to one-half acre	9.9	—	—	—	3.9	—	1.1	4.8	...
One-half up to one acre	2.3	—	—	1.1	—	—	1.2	—	...
1 up to 5 acres	5.0	—	—	1.4	—	—	3.6	—	...
5 up to 10 acres	—	—	—	—	—	—	—	—	...
10 acres or more	1.2	—	—	—	—	—	1.2	—	...
Median .....	.17	...	...	...	...	...	...	...	...
Income of Families and Primary Individuals									
Less than \$5,000	2.3	2.3	—	—	—	—	—	—	...
\$5,000 to \$9,999	6.0	—	—	2.6	—	—	1.1	2.3	...
\$10,000 to \$14,999	8.0	—	—	—	1.2	—	1.1	5.6	...
\$15,000 to \$19,999	6.9	—	1.0	1.1	1.2	1.1	1.2	1.2	...
\$20,000 to \$24,999	1.2	—	—	—	1.2	—	—	—	...
\$25,000 to \$29,999	4.3	—	—	—	1.1	1.1	—	2.2	...
\$30,000 to \$34,999	2.3	—	—	—	—	1.1	—	1.1	...
\$35,000 to \$39,999	1.2	—	—	—	1.2	—	—	—	...
\$40,000 to \$49,999	6.2	—	—	1.1	1.1	—	—	4.0	...
\$50,000 to \$59,999	7.6	—	—	—	1.6	1.2	2.5	2.3	...
\$60,000 to \$79,999	2.3	—	—	—	—	—	—	2.3	...
\$80,000 to \$99,999	2.5	—	—	1.4	—	—	1.1	—	...
\$100,000 to \$119,999	1.0	—	—	—	—	—	—	1.0	...
\$120,000 or more	3.4	—	—	—	1.2	—	1.2	1.0	...
Median	28 706	...	...	...	...	...	...	...	...
Monthly Housing Costs									
Less than \$100	—	—	—	—	—	—	—	—	...
\$100 to \$199	4.6	—	—	—	1.2	—	1.1	2.3	...
\$200 to \$249	3.3	1.1	—	—	1.1	—	—	1.1	...
\$250 to \$299	2.3	—	—	1.1	—	—	—	1.2	...
\$300 to \$349	—	—	—	—	—	—	—	—	...
\$350 to \$399	2.2	—	—	—	—	—	—	2.2	...
\$400 to \$449	—	—	—	—	—	—	—	—	...
\$450 to \$499	1.2	—	—	—	—	—	1.2	—	...
\$500 to \$599	7.0	1.2	1.0	—	2.4	1.1	—	1.2	...
\$600 to \$699	3.4	—	—	—	—	1.1	—	2.4	...
\$700 to \$799	1.0	—	—	—	—	—	—	1.0	...
\$800 to \$999	7.5	—	—	1.4	1.6	1.1	—	3.4	...
\$1,000 to \$1,249	12.0	—	—	2.6	1.2	1.2	2.3	4.7	...
\$1,250 to \$1,499	3.9	—	—	1.1	—	—	1.2	1.6	...
\$1,500 or more	4.5	—	—	—	—	—	2.4	2.1	...
No cash rent	2.4	—	—	—	2.4	—	—	—	...
Median (excludes no cash rent)	838	...	...	...	...	...	...	...	...
Median Monthly Housing Costs for Owners									
Monthly costs including all mortgages plus maintenance costs	898	...	...	...	...	...	...	...	...
Monthly costs excluding second and subsequent mortgages and maintenance costs	881	...	...	...	...	...	...	...	...

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	41.1	1.1	—	3.6	6.3	3.4	8.2	18.4	2 044
Value									
Less than \$10,000	—	—	—	—	—	—	—	—	...
\$10,000 to \$19,999	2.2	—	—	1.1	—	—	1.1	—	...
\$20,000 to \$29,999	—	—	—	—	—	—	—	—	...
\$30,000 to \$39,999	—	—	—	—	—	—	—	—	...
\$40,000 to \$49,999	1.2	—	—	—	1.2	—	—	—	...
\$50,000 to \$59,999	2.2	—	—	—	1.1	—	—	1.1	...
\$60,000 to \$69,999	4.4	—	—	—	1.2	1.1	—	2.2	...
\$70,000 to \$79,999	—	—	—	—	—	—	—	—	...
\$80,000 to \$99,999	8.7	1.1	—	—	2.8	—	—	4.7	...
\$100,000 to \$119,999	8.4	—	—	1.4	—	—	1.3	5.7	...
\$120,000 to \$149,999	8.4	—	—	1.1	—	1.2	2.3	3.8	...
\$150,000 to \$199,999	3.2	—	—	—	—	1.1	1.1	1.0	...
\$200,000 to \$249,999	1.2	—	—	—	1.2	—	1.2	—	...
\$250,000 to \$299,999	—	—	—	—	—	—	—	—	...
\$300,000 or more	1.2	—	—	—	—	—	1.2	—	...
Median	104 403	...	...	...	...	...	...	...	...

¹Does not include multiunits, cooperatives, or condominiums.

Table 5-19. Detailed Tenure by Financial 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	Owner occupied								Renter occupied			
	With mortgage				With no mortgage				All renters		Unsubsidized renters ¹	
	Total	Specified	Not specified		Total	Specified	Not specified		Specified	Other	Specified	Other
			Condo or Coop	Other			Condo or Coop	Other				
Total	102.4	91.8	3.3	7.3	85.7	84.5	—	1.2	153.4	—	121.7	—
Income of Families and Primary Individuals												
Less than \$5,000	4.8	3.6	—	1.2	10.0	10.0	—	—	27.0	—	20.9	—
\$5,000 to \$9,999	3.6	3.6	—	—	12.5	12.5	—	—	21.4	—	15.5	—
\$10,000 to \$14,999	8.8	7.7	—	1.1	11.0	11.0	—	—	20.9	—	12.7	—
\$15,000 to \$19,999	7.7	7.7	—	—	9.7	9.7	—	—	19.9	—	16.5	—
\$20,000 to \$24,999	9.9	9.9	—	—	3.3	3.3	—	—	21.4	—	18.0	—
\$25,000 to \$29,999	8.6	7.6	—	1.0	3.3	3.3	—	—	8.9	—	7.9	—
\$30,000 to \$34,999	6.6	4.4	2.2	—	9.1	9.1	—	—	9.3	—	8.0	—
\$35,000 to \$39,999	5.9	3.3	—	2.5	4.3	4.3	—	—	8.2	—	5.7	—
\$40,000 to \$49,999	6.4	6.4	—	—	8.1	8.1	—	—	2.2	—	2.2	—
\$50,000 to \$59,999	17.0	14.5	1.1	1.4	4.5	4.5	—	—	4.6	—	4.6	—
\$60,000 to \$79,999	10.6	10.6	—	—	3.3	3.3	—	—	7.5	—	7.5	—
\$80,000 to \$99,999	4.7	4.7	—	—	2.2	2.2	—	—	1.1	—	1.1	—
\$100,000 to \$119,999	3.5	3.5	—	—	1.1	1.1	—	—	—	—	—	—
\$120,000 or more	4.4	4.4	—	—	3.4	2.2	—	1.2	1.2	—	1.2	—
Median	36 028	37 205	...	...	19 834	19 519	...	...	16 877	...	18 557	...
Monthly Housing Costs												
Less than \$100	—	—	—	—	3.3	3.3	—	—	2.2	—	—	—
\$100 to \$199	2.3	2.3	—	—	25.3	25.3	—	—	20.1	—	12.2	—
\$200 to \$249	5.6	5.6	—	—	14.6	14.6	—	—	1.2	—	—	—
\$250 to \$299	4.4	4.4	—	—	10.0	10.0	—	—	6.0	—	4.7	—
\$300 to \$349	5.5	5.5	—	—	12.3	12.3	—	—	6.2	—	5.0	—
\$350 to \$399	5.8	3.3	1.1	1.4	7.6	7.6	—	—	7.5	—	5.2	—
\$400 to \$449	5.8	5.8	—	—	1.1	1.1	—	—	5.8	—	5.8	—
\$450 to \$499	1.1	1.1	—	—	4.8	3.6	—	1.2	14.8	—	14.8	—
\$500 to \$599	9.2	8.1	1.0	—	1.1	1.1	—	—	22.1	—	17.7	—
\$600 to \$699	10.2	7.7	—	2.5	3.6	3.6	—	—	23.3	—	20.7	—
\$700 to \$799	11.2	9.0	—	2.1	—	—	—	—	11.6	—	9.1	—
\$800 to \$999	16.6	15.4	1.2	—	1.0	1.0	—	—	9.2	—	8.0	—
\$1,000 to \$1,249	13.2	11.9	—	1.2	—	—	—	—	8.2	—	8.2	—
\$1,250 to \$1,499	5.1	5.1	—	—	1.1	1.1	—	—	2.2	—	2.2	—
\$1,500 or more	6.6	6.6	—	—	—	—	—	—	2.5	—	1.2	—
No cash rent .....	...	...	...	...	...	...	...	...	10.5	...	6.8	...
Median (excludes no cash rent)	712	724	...	...	249	247	...	...	534	...	555	...
Median Monthly Housing Costs for Owners												
Monthly costs including all mortgages plus maintenance costs	761	772	...	...	306	303	...	...	...	...	...	...
Monthly costs excluding second and subsequent mortgages and maintenance costs	712	724	...	...	249	247	...	...	...	...	...	...
Monthly Housing Costs as Percent of Current Income²												
Less than 5 percent	3.3	3.3	—	—	7.9	6.7	—	1.2	1.1	—	1.1	—
5 to 9 percent	9.4	6.8	1.1	1.4	22.3	22.3	—	—	2.5	—	2.5	—
10 to 14 percent	17.6	17.6	—	—	13.6	13.6	—	—	10.9	—	5.2	—
15 to 19 percent	12.2	11.1	1.0	—	5.9	5.9	—	—	16.5	—	11.7	—
20 to 24 percent	12.1	9.6	—	2.5	4.8	4.8	—	—	22.6	—	19.1	—
25 to 29 percent	5.6	5.6	—	—	9.8	9.8	—	—	15.3	—	14.2	—
30 to 34 percent	6.9	6.9	—	—	3.3	3.3	—	—	11.2	—	7.9	—
35 to 39 percent	7.6	5.3	1.2	1.0	—	—	—	—	10.6	—	10.6	—
40 to 49 percent	9.3	9.3	—	—	2.2	2.2	—	—	11.5	—	11.5	—
50 to 59 percent	3.5	3.5	—	—	3.6	3.6	—	—	6.0	—	6.0	—
60 to 69 percent	—	—	—	—	2.3	2.3	—	—	4.5	—	2.4	—
70 to 99 percent	4.6	3.5	—	1.1	3.3	3.3	—	—	4.8	—	2.3	—
100 percent or more ³	6.7	6.7	—	—	1.1	1.1	—	—	17.4	—	12.3	—
Zero or negative income	3.7	2.5	—	1.2	5.6	5.6	—	—	8.0	—	8.0	—
No cash rent	—	—	—	—	—	—	—	—	10.5	—	6.8	—
Median (excludes 2 previous lines)	23	23	...	...	14	14	...	...	30	...	30	...
Median (excludes 3 lines before medians)	21	21	...	...	13	14	...	...	27	...	28	...

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	Not specified		Total	Specified	Not specified		Specified	Other	Specified	Other
			Condo or Coop	Other			Condo or Coop	Other				
OWNERS WITH ONE OR MORE REGULAR MORTGAGES—Con.												
Payment Plan of Primary Mortgage												
Fixed payment, self-amortizing	56.8	51.3	3.3	2.1	...	...	...	...	...	...	...	...
Adjustable rate mortgage	1.1	1.1	—	—	...	...	...	...	...	...	...	...
Adjustable term mortgage	2.2	2.2	—	—	...	...	...	...	...	...	...	...
Graduated payment mortgage .....	—	—	—	—	...	...	...	...	...	...	...	...
Balloon	1.1	1.1	—	—	...	...	...	...	...	...	...	...
Other .....	—	—	—	—	...	...	...	...	...	...	...	...
Combination of the above .....	—	—	—	—	...	...	...	...	...	...	...	...
Not reported	27.1	23.4	—	3.7	...	...	...	...	...	...	...	...
Payment Plan of Secondary Mortgage												
Units with two or more mortgages	3.4	3.4	—	—	...	...	...	...	...	...	...	...
Fixed payment, self-amortizing	2.2	2.2	—	—	...	...	...	...	...	...	...	...
Adjustable rate mortgage	1.2	1.2	—	—	...	...	...	...	...	...	...	...
Adjustable term mortgage .....	—	—	—	—	...	...	...	...	...	...	...	...
Graduated payment mortgage .....	—	—	—	—	...	...	...	...	...	...	...	...
Balloon .....	—	—	—	—	...	...	...	...	...	...	...	...
Other .....	—	—	—	—	...	...	...	...	...	...	...	...
Combination of the above .....	—	—	—	—	...	...	...	...	...	...	...	...
Not reported .....	—	—	—	—	...	...	...	...	...	...	...	...
Lenders of Primary and Secondary Mortgages												
Only borrowed from firm(s)	67.0	60.1	3.3	3.6	...	...	...	...	...	...	...	...
Only borrowed from seller .....	—	—	—	—	...	...	...	...	...	...	...	...
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	21.2	18.9	—	2.3	...	...	...	...	...	...	...	...

¹Excludes units in public housing projects and housing units with government rent subsidies.

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 5-20. 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.....	161.9	6.9	4.4	13.7	14.2	17.5	19.7	24.8	33.6	11.3	6.9	3.5	5.5	31 875
Less than \$10,000.....	29.6	1.1	1.1	6.5	3.3	3.3	2.2	6.5	2.2	2.3	1.1	—	—	19 286
\$10,000 to \$19,999.....	25.0	2.2	—	2.2	1.1	2.5	6.6	3.6	2.5	1.1	1.1	—	2.2	...
\$20,000 to \$29,999.....	21.5	1.1	—	1.1	5.5	2.3	1.2	3.3	3.4	1.1	1.4	—	1.1	...
\$30,000 to \$39,999.....	7.7	—	1.1	1.2	—	—	—	—	4.3	—	1.1	—	—	...
\$40,000 to \$49,999.....	11.4	1.4	1.1	—	1.1	2.2	1.1	2.2	1.2	1.1	—	—	—	...
\$50,000 to \$59,999.....	11.1	—	—	—	1.1	1.1	3.2	2.2	3.4	—	—	—	—	...
\$60,000 to \$69,999.....	3.6	—	—	1.2	—	—	1.1	—	—	—	—	1.2	—	...
\$70,000 to \$79,999.....	5.7	—	—	—	—	1.2	—	—	1.1	2.3	—	1.0	—	...
\$80,000 to \$99,999.....	8.8	—	—	—	—	—	—	2.6	2.8	2.3	1.1	—	—	...
\$100,000 to \$119,999.....	2.3	—	—	—	—	—	—	—	1.2	1.1	—	—	—	...
\$120,000 to \$149,999.....	7.3	—	—	—	1.0	1.4	—	—	2.7	—	1.1	—	1.0	...
\$150,000 to \$199,999.....	1.2	—	—	—	—	—	—	—	—	—	—	1.2	—	...
\$200,000 to \$249,999.....	—	—	—	—	—	—	—	—	—	—	—	—	—	...
\$250,000 to \$299,999.....	—	—	—	—	—	—	—	—	—	—	—	—	—	...
\$300,000 or more.....	2.5	—	—	—	—	—	—	—	—	2.5	—	—	—	...
Not reported.....	24.3	1.1	1.1	1.4	1.1	3.4	4.3	4.3	6.3	—	—	—	1.2	...
Median.....	26 600	—	...	...	...	...	...	...	50 061	...	...	...	...	...
Received as inheritance or gift.....	16.9	1.2	—	1.1	5.6	—	3.2	—	2.3	1.1	—	1.1	1.2	...
Not reported.....	9.3	2.3	—	1.2	—	—	2.1	1.1	—	1.4	—	—	1.1	...
RENTER OCCUPIED UNITS														
Total.....	153.4	9.2	17.8	21.4	20.9	19.9	30.3	17.4	6.8	7.5	1.1	—	1.2	16 877
Rent Reductions														
No subsidy.....	112.7	6.9	11.7	15.5	11.6	15.3	23.7	11.6	6.8	7.5	1.1	—	1.2	18 516
Rent control.....	1.2	—	—	—	—	—	—	—	1.2	—	—	—	—	...
No rent control.....	109.0	6.9	11.7	12.9	11.6	15.3	23.7	11.6	5.6	7.5	1.1	—	1.2	18 739
Reduced by owner.....	2.1	—	—	—	—	—	1.1	1.0	—	—	—	—	—	...
Not reduced by owner.....	106.8	6.9	11.7	12.9	11.6	15.3	22.6	10.5	5.6	7.5	1.1	—	1.2	18 389
Owner reduction not reported.....	—	—	—	—	—	—	—	—	—	—	—	—	—	...
Rent control not reported.....	2.6	—	—	2.6	—	—	—	—	—	—	—	—	—	...
Owned by public housing authority.....	16.6	—	2.2	2.4	7.1	2.3	—	2.5	—	—	—	—	—	...
Government subsidy.....	8.2	—	2.4	2.4	—	1.0	2.3	—	—	—	—	—	—	...
Other, income verification.....	6.9	—	1.4	1.0	1.0	—	2.1	1.2	—	—	—	—	—	...
Subsidy not reported.....	9.0	2.3	—	—	1.2	1.2	2.1	2.2	—	—	—	—	—	...

¹For mobile homes, 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	Median excluding no cash rent
Cooking Fuel														
With cooking fuel.....	340.4	5.5	47.7	41.7	43.8	33.5	32.4	37.1	22.7	26.8	29.7	9.1	10.5	479
Electricity	66.9	—	5.6	2.3	6.3	5.7	1.2	12.1	4.4	12.2	10.4	4.3	2.3	692
Piped gas	267.0	5.5	41.0	38.2	37.6	26.7	30.1	25.0	18.3	13.6	19.3	4.8	7.0	429
Bottled gas	6.6	—	1.1	1.2	—	1.0	1.1	—	—	1.0	—	—	1.1	...
Kerosene or other liquid fuel	—	—	—	—	—	—	—	—	—	—	—	—	—	...
Coal or coke	—	—	—	—	—	—	—	—	—	—	—	—	—	...
Wood	—	—	—	—	—	—	—	—	—	—	—	—	—	...
Other	—	—	—	—	—	—	—	—	—	—	—	—	—	...
Persons														
1 person	102.0	4.3	19.6	9.2	10.9	16.0	10.3	8.6	7.8	6.3	4.5	2.1	2.3	436
2 persons	96.4	—	11.3	15.8	10.0	7.2	8.3	12.9	7.6	10.1	8.5	2.5	2.3	534
3 persons	69.0	1.2	9.0	12.3	10.4	5.6	7.8	3.8	1.1	3.9	9.3	2.4	2.3	409
4 persons	34.1	—	4.6	1.1	8.2	2.5	1.4	4.5	2.3	1.2	6.1	1.0	1.1	506
5 persons	22.8	—	1.1	2.2	3.3	2.2	3.4	2.6	1.4	4.3	—	1.1	1.2	...
6 persons	12.5	—	1.1	1.1	2.2	—	1.2	2.2	2.5	1.0	1.2	—	—	...
7 persons or more	4.8	—	1.1	—	—	—	—	2.5	—	—	—	—	1.2	...
Household Composition by Age of Householder														
2-or-more-person households	239.5	1.2	28.1	32.4	34.0	17.5	22.1	28.5	14.9	20.5	25.1	6.9	8.2	511
Married-couple families, no nonrelatives	87.8	—	7.9	12.0	14.6	9.4	8.2	8.2	4.6	10.3	5.8	3.4	3.4	482
Under 25 years	1.2	—	—	—	—	—	1.2	—	—	—	—	—	—	...
25 to 29 years	5.8	—	—	—	—	—	1.2	—	—	2.3	1.2	—	1.0	...
30 to 34 years	11.3	—	—	—	1.1	—	3.2	2.2	—	1.2	1.1	1.3	1.2	...
35 to 44 years	19.4	—	3.3	1.1	3.6	3.2	2.5	—	—	2.2	2.5	—	1.1	...
45 to 64 years	33.1	—	1.1	5.4	7.7	5.2	—	3.6	4.6	3.5	—	2.1	—	446
65 years and over	16.9	—	3.6	5.4	2.2	1.1	—	2.5	—	1.1	1.1	—	—	...
Other male householder	29.0	—	3.4	6.0	5.7	1.2	1.1	2.3	1.1	2.3	4.6	1.2	—	...
Under 45 years	14.1	—	2.3	3.5	3.4	—	—	1.2	—	1.2	1.2	1.2	—	...
45 to 64 years	9.2	—	—	—	2.3	1.2	—	1.2	1.1	1.1	2.3	—	—	...
65 years and over	5.7	—	1.1	2.5	—	—	1.1	—	—	—	1.0	—	—	...
Other female householder	122.8	1.2	16.8	14.5	13.7	6.8	12.8	17.9	9.3	8.0	14.7	2.3	4.7	547
Under 45 years	64.6	1.2	6.7	5.7	5.8	3.4	5.8	9.5	5.0	6.9	10.1	1.1	3.5	621
45 to 64 years	36.0	—	3.4	4.4	4.7	2.3	4.7	6.1	2.2	1.1	4.7	1.2	1.2	554
65 years and over	22.2	—	6.7	4.4	3.3	1.1	2.2	2.4	2.1	—	—	—	—	...
1-person households	102.0	4.3	19.6	9.2	10.9	16.0	10.3	8.6	7.8	6.3	4.5	2.1	2.3	436
Male householder	40.7	2.1	10.0	2.4	5.0	4.8	4.4	3.8	1.2	1.1	3.5	1.1	1.2	402
Under 45 years	18.1	1.1	1.1	—	3.9	3.7	3.2	2.7	1.2	—	1.2	—	—	...
45 to 64 years	19.2	1.0	9.0	2.4	—	—	1.2	1.1	—	1.1	1.1	1.1	1.2	...
65 years and over	3.4	—	—	—	1.1	1.1	—	—	—	—	1.2	—	—	...
Female householder	61.3	2.2	9.5	6.8	5.9	11.2	5.9	4.8	6.6	5.2	1.1	1.0	1.1	451
Under 45 years	18.5	1.1	1.1	—	2.3	6.6	1.3	1.2	2.2	1.6	—	—	1.1	...
45 to 64 years	28.1	—	4.8	1.1	2.5	3.6	3.5	3.6	3.3	3.6	1.1	1.0	—	...
65 years and over	14.8	1.1	3.6	5.7	1.1	1.1	1.1	—	1.1	—	—	—	—	...
Own Never Married Children Under 18 Years Old														
No own children under 18 years	231.8	4.3	34.3	33.6	33.3	26.8	17.1	21.7	14.2	15.1	23.2	4.6	3.6	432
With own children under 18 years	109.8	1.2	13.4	8.1	11.6	6.6	15.3	15.4	8.5	11.7	6.5	4.5	6.9	569
Under 6 years only	21.9	—	2.2	—	1.1	—	3.4	5.8	—	4.7	1.2	1.3	2.1	...
1	16.1	—	1.1	—	1.1	—	3.4	3.5	—	3.6	—	1.3	2.1	...
2	3.6	—	—	—	—	—	—	—	—	—	1.2	—	—	...
3 or more	2.2	—	1.1	—	—	—	—	—	—	1.1	—	—	—	...
6 to 17 years only	68.6	—	7.9	7.0	8.0	5.5	10.4	8.3	7.3	4.7	4.0	3.2	2.3	545
1	45.1	—	6.9	4.6	3.6	2.3	6.0	7.2	4.8	3.6	2.9	1.0	2.3	567
2	12.2	—	—	2.3	3.3	1.1	1.0	—	1.1	—	1.2	2.2	—	...
3 or more	11.3	—	1.1	—	1.1	2.2	3.4	1.1	1.4	1.1	—	—	—	...
Both age groups	19.3	1.2	3.3	1.1	2.5	1.1	1.4	1.4	1.2	2.3	1.2	—	2.5	...
2	11.1	1.2	2.2	—	1.4	—	1.4	—	—	2.3	1.2	—	1.2	...
3 or more	8.2	—	1.1	1.1	1.1	1.1	—	1.4	1.2	—	—	—	1.2	...
Income of Families and Primary Individuals														
Less than \$5,000	41.8	1.0	15.8	4.4	4.6	3.2	4.1	2.5	1.4	1.1	2.5	—	1.2	281
\$5,000 to \$9,999	37.4	—	7.9	6.8	8.4	2.2	—	1.3	2.3	2.5	4.7	—	1.2	340
\$10,000 to \$14,999	40.7	2.3	4.7	5.5	6.7	3.2	5.7	3.4	1.1	1.2	3.3	1.2	2.3	400
\$15,000 to \$19,999	37.3	—	4.5	7.2	—	8.2	3.2	8.4	2.3	1.1	1.2	1.2	—	485
\$20,000 to \$24,999	34.5	—	1.1	3.4	3.4	5.7	6.1	4.9	4.4	2.2	1.1	1.0	1.2	549
\$25,000 to \$29,999	20.8	1.1	1.1	2.2	1.1	3.6	3.1	2.2	4.2	1.2	1.2	—	—	...
\$30,000 to \$34,999	25.0	1.1	1.1	4.4	1.1	3.7	4.3	3.7	2.3	1.2	1.1	—	1.0	...
\$35,000 to \$39,999	18.4	—	1.1	2.2	3.4	—	3.6	5.9	1.1	—	—	—	1.1	...
\$40,000 to \$49,999	16.6	—	7.0	1.2	1.2	1.1	—	—	—	1.0	4.0	—	1.1	...
\$50,000 to \$59,999	26.1	—	—	3.3	7.0	1.4	1.2	1.1	—	6.0	3.6	1.3	1.2	...
\$60,000 to \$79,999	21.3	—	1.2	—	3.6	—	1.1	2.7	2.5	4.5	3.6	2.2	—	...
\$80,000 to \$99,999	8.0	—	1.1	—	3.3	—	—	—	1.1	1.4	—	1.1	—	...
\$100,000 to \$119,999	4.6	—	—	1.1	—	—	—	—	—	2.3	1.2	—	—	...
\$120,000 or more	9.0	—	1.1	—	1.1	1.2	—	1.1	—	1.2	2.3	1.0	—	...
Median	21 965	...	10 156	17 877	23 959	19 935	22 634	23 032	...	...	34 197	...	...	...

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	Median excluding no cash rent
RENTER OCCUPIED UNITS														
Total	153.4	2.2	20.1	7.2	13.7	20.7	22.1	23.3	11.6	9.2	10.4	2.5	10.5	534
Rent Reductions														
No subsidy	112.7	—	11.1	4.7	10.2	20.7	17.7	20.7	6.9	8.0	5.8	—	6.8	535
Rent control	1.2	—	—	—	—	—	1.2	—	—	—	—	—	—	...
No rent control	109.0	—	11.1	4.7	10.2	20.7	16.5	20.7	6.9	8.0	3.3	—	6.8	526
Reduced by owner	2.1	—	—	—	—	—	—	1.1	—	—	—	—	1.0	...
Not reduced by owner	106.8	—	11.1	4.7	10.2	20.7	16.5	19.7	6.9	8.0	3.3	—	5.8	523
Owner reduction not reported	—	—	—	—	—	—	—	—	—	—	—	—	—	...
Rent control not reported	2.6	—	—	—	—	—	—	—	—	—	2.6	—	—	...
Owned by public housing authority	16.6	2.2	4.5	2.4	2.5	—	—	1.2	—	1.2	—	1.2	1.2	...
Government subsidy	8.2	—	2.4	—	1.1	—	—	1.3	1.0	—	—	—	2.4	...
Other, income verification	6.9	—	1.0	—	—	—	4.4	—	1.4	—	—	—	—	...
Subsidy not reported	9.0	—	1.1	—	—	—	—	—	2.1	—	4.5	1.2	—	...

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

Table 5-22. **Value by Selected Characteristics—Owner 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	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	188.1	28.1	30.6	19.4	15.3	28.2	21.0	30.5	10.1	1.2	—	3.7	60 467
Units in Structure													
1, detached	41.1	2.2	—	1.2	2.2	4.4	8.7	16.8	3.2	1.2	—	1.2	105 492
1, attached	141.1	23.5	30.6	18.2	13.1	23.8	12.3	11.3	5.8	—	—	2.5	49 059
2 to 4	4.7	2.5	—	—	—	—	—	1.2	1.1	—	—	—	...
5 to 9	1.2	—	—	—	—	—	—	—	—	—	—	—	...
10 to 19	—	—	—	—	—	—	—	—	—	—	—	—	...
20 to 49	—	—	—	—	—	—	—	—	—	—	—	—	...
50 or more	—	—	—	—	—	—	—	—	—	—	—	—	...
Mobile home or trailer	—	—	—	—	—	—	—	—	—	—	—	—	...
Year Structure Built¹													
2000 to 2004	—	—	—	—	—	—	—	—	—	—	—	—	...
1995 to 1999	1.3	—	—	—	—	—	—	1.3	—	—	—	—	...
1990 to 1994	8.8	1.1	—	—	—	1.2	2.5	2.8	1.2	—	—	—	...
1985 to 1989	3.3	—	—	—	1.1	—	—	1.2	1.0	—	—	—	...
1980 to 1984	1.2	—	—	—	—	—	—	—	—	—	—	1.2	...
1975 to 1979	3.2	—	—	—	—	1.1	—	2.1	—	—	—	—	...
1970 to 1974	2.5	—	—	—	—	1.0	—	1.4	—	—	—	—	...
1960 to 1969	14.2	—	—	1.2	1.1	2.5	2.9	5.6	1.0	—	—	—	...
1950 to 1959	15.0	1.0	2.2	—	—	2.2	3.3	5.1	1.1	—	—	—	...
1940 to 1949	22.1	5.9	1.4	3.6	2.2	5.6	1.2	1.1	1.1	—	—	—	...
1930 to 1939	25.5	2.2	4.5	4.7	2.2	4.4	4.4	3.2	—	—	—	—	...
1920 to 1929	34.2	2.1	10.1	1.1	2.2	6.9	3.4	3.5	2.2	1.2	—	1.4	64 479
1919 or earlier	56.9	15.8	12.3	8.9	6.5	3.3	3.4	3.2	2.5	—	—	1.1	40 472
Median	1931	...	1923	...	...	...	...	1958	...	...	...	...	...
Rooms													
1 room	—	—	—	—	—	—	—	—	—	—	—	—	...
2 rooms	—	—	—	—	—	—	—	—	—	—	—	—	...
3 rooms	—	—	—	—	—	—	—	—	—	—	—	—	...
4 rooms	8.0	3.6	—	—	2.2	1.1	1.1	—	—	—	—	—	...
5 rooms	23.7	3.2	5.8	3.4	3.3	—	2.3	4.5	1.1	—	—	—	...
6 rooms	86.5	14.6	16.7	12.7	4.4	13.3	10.7	10.8	3.3	—	—	—	49 392
7 rooms	30.5	3.3	2.2	3.3	4.3	5.8	1.2	5.9	4.7	—	—	—	67 765
8 rooms	25.3	1.2	5.9	—	—	6.5	4.5	4.5	—	—	—	2.6	...
9 rooms	5.9	—	—	—	1.1	—	1.2	2.5	1.1	—	—	—	...
10 rooms or more	8.3	2.2	—	—	—	1.4	—	2.3	—	1.2	—	1.1	...
Bedrooms													
None	—	—	—	—	—	—	—	—	—	—	—	—	...
1	2.5	2.5	—	—	—	—	—	—	—	—	—	—	...
2	21.0	4.3	—	1.2	6.6	2.2	1.1	4.5	1.1	—	—	—	...
3	109.1	15.7	22.5	18.2	5.4	16.9	13.1	14.0	3.3	—	—	—	48 987
4 or more	55.6	5.6	8.1	—	3.3	9.0	6.8	12.0	5.8	1.2	—	3.7	85 178
Complete Bathrooms													
None	1.1	1.1	—	—	—	—	—	—	—	—	—	—	...
1	83.4	21.6	14.7	14.6	9.8	8.0	3.3	7.0	4.3	—	—	—	43 694
1 and one-half	50.8	2.2	12.6	4.8	2.2	14.4	6.7	5.6	—	1.2	—	1.1	64 926
2 or more	52.9	3.2	3.3	—	3.3	5.8	11.0	17.9	5.8	—	—	2.6	99 816
Main Heating Equipment													
Warm-air furnace	95.4	13.3	15.6	6.8	5.5	12.3	13.7	18.8	5.8	—	—	3.7	70 606
Steam or hot water system	83.6	13.7	12.8	11.6	9.8	13.8	6.1	10.3	4.3	1.2	—	—	53 809
Electric heat pump	1.0	1.0	—	—	—	—	—	—	—	—	—	—	...
Built-in electric units	4.7	—	1.1	1.1	—	1.1	—	1.4	—	—	—	—	...
Floor, wall, or other built-in hot-air units without ducts	3.3	—	1.1	—	—	1.1	1.2	—	—	—	—	—	...
Room heaters with flue	—	—	—	—	—	—	—	—	—	—	—	—	...
Room heaters without flue	—	—	—	—	—	—	—	—	—	—	—	—	...
Portable electric heaters	—	—	—	—	—	—	—	—	—	—	—	—	...
Stoves	—	—	—	—	—	—	—	—	—	—	—	—	...
Fireplaces with inserts	—	—	—	—	—	—	—	—	—	—	—	—	...
Fireplaces without inserts	—	—	—	—	—	—	—	—	—	—	—	—	...
Other	—	—	—	—	—	—	—	—	—	—	—	—	...
Cooking stove	—	—	—	—	—	—	—	—	—	—	—	—	...
None	—	—	—	—	—	—	—	—	—	—	—	—	...
Primary Source of Water													
Public system or private company	184.3	28.1	30.6	19.4	15.3	28.2	18.6	29.1	10.1	1.2	—	3.7	59 180
Well serving 1 to 5 units	3.8	—	—	—	—	—	2.4	1.4	—	—	—	—	...
Drilled	3.8	—	—	—	—	—	2.4	1.4	—	—	—	—	...
Dug	—	—	—	—	—	—	—	—	—	—	—	—	...
Not reported	—	—	—	—	—	—	—	—	—	—	—	—	...
Other	—	—	—	—	—	—	—	—	—	—	—	—	...
Means of Sewage Disposal													
Public sewer	184.4	28.1	30.6	19.4	15.3	28.2	19.9	29.1	10.1	1.2	—	2.5	59 227
Septic tank, cesspool, chemical toilet	3.7	—	—	—	—	—	1.1	1.4	—	—	—	1.2	...
Other	—	—	—	—	—	—	—	—	—	—	—	—	...
Main House Heating Fuel													
Housing units with heating fuel	188.1	28.1	30.6	19.4	15.3	28.2	21.0	30.5	10.1	1.2	—	3.7	60 467
Electricity	13.1	1.0	2.5	1.1	—	1.1	1.2	5.0	1.2	—	—	—	...
Piped gas	137.5	19.4	22.6	17.1	13.1	19.4	17.6	20.0	5.7	—	—	2.5	57 329
Bottled gas	5.4	2.2	—	—	—	—	1.1	2.1	—	—	—	—	...
Fuel oil	32.1	5.5	5.4	1.2	2.2	7.7	1.2	3.4	3.2	1.2	—	1.2	64 570
Kerosene or other liquid fuel	—	—	—	—	—	—	—	—	—	—	—	—	...
Coal or coke	—	—	—	—	—	—	—	—	—	—	—	—	...
Wood	—	—	—	—	—	—	—	—	—	—	—	—	...
Solar energy	—	—	—	—	—	—	—	—	—	—	—	—	...
Other	—	—	—	—	—	—	—	—	—	—	—	—	...

Table 5-22. **Value by Selected 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	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	471	...	330	...	...	...	...	1 043	...	...	...	...	...
Monthly costs excluding second and subsequent mortgages and maintenance costs	387	...	299	...	...	...	...	1 038	...	...	...	...	...
Monthly Housing Costs as Percent of Current Income²													
Less than 5 percent	11.2	2.3	2.2	1.1	2.2	2.2	—	—	—	1.2	—	—	...
5 to 9 percent	31.7	3.6	9.0	4.7	3.3	6.7	1.1	2.2	—	—	—	1.1	46 870
10 to 14 percent	31.2	2.2	2.2	5.6	2.2	8.4	5.6	5.0	—	—	—	—	68 198
15 to 19 percent	18.1	5.4	4.7	1.1	—	1.2	1.2	2.3	2.2	—	—	—	...
20 to 24 percent	16.9	2.5	1.2	1.1	1.1	2.2	2.7	2.5	2.2	—	—	1.4	...
25 to 29 percent	15.4	3.3	2.2	1.1	1.1	2.2	2.3	3.3	—	—	—	—	...
30 to 34 percent	10.1	2.2	—	2.3	1.1	—	1.1	2.3	—	—	—	1.2	...
35 to 39 percent	7.6	1.0	2.2	—	1.1	—	3.3	—	—	—	—	—	...
40 to 49 percent	11.5	2.2	1.2	1.1	—	2.2	2.2	2.7	—	—	—	—	...
50 to 59 percent	7.1	1.1	1.1	—	—	1.0	1.2	1.3	1.4	—	—	—	...
60 to 69 percent	2.3	—	1.2	—	—	1.1	—	—	—	—	—	—	...
70 to 99 percent	7.9	—	3.4	—	1.1	—	1.1	1.2	1.1	—	—	—	...
100 percent or more ³	7.8	—	—	—	1.1	—	2.5	2.1	2.2	—	—	—	...
Zero or negative income	9.3	2.3	—	1.4	1.1	1.1	—	2.3	1.1	—	—	—	...
No cash rent .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Median (excludes 2 previous lines)	19	...	17	...	...	...	...	28	...	...	...	...	...
Median (excludes 3 lines before medians)	18	...	17	...	...	...	...	27	...	...	...	...	...
Monthly Payment for Principal and Interest													
One or more regular mortgages	88.2	7.5	6.9	9.1	5.4	14.3	15.5	23.8	4.4	—	—	1.2	80 980
Less than \$100	9.9	1.1	2.2	1.1	2.2	2.2	1.2	—	—	—	—	—	...
\$100 to \$199	5.4	1.1	—	2.2	1.1	1.1	—	—	—	—	—	—	...
\$200 to \$249	4.4	—	1.1	—	—	3.3	—	—	—	—	—	—	...
\$250 to \$299	5.8	1.1	1.4	—	2.2	—	1.1	—	—	—	—	—	...
\$300 to \$349	4.4	1.1	—	—	—	3.3	—	—	—	—	—	—	...
\$350 to \$399	5.5	1.0	—	3.4	—	1.1	—	—	—	—	—	—	...
\$400 to \$449	7.9	1.0	—	1.4	—	1.1	2.3	2.0	—	—	—	—	...
\$450 to \$499	9.7	1.1	1.2	—	2.3	1.2	2.8	2.8	1.1	—	—	—	...
\$500 to \$599	10.7	—	1.1	1.1	—	2.7	5.8	—	—	—	—	—	...
\$600 to \$699	7.0	—	—	—	—	4.6	1.2	1.1	—	—	—	—	...
\$700 to \$799	3.5	—	—	—	—	1.2	2.3	—	—	—	—	—	...
\$800 to \$999	7.2	—	—	—	—	—	5.0	1.0	—	—	—	1.2	...
\$1,000 to \$1,249	5.6	—	—	—	—	—	1.2	3.2	1.2	—	—	—	...
\$1,250 to \$1,499	—	—	—	—	—	—	—	—	—	—	—	—	...
\$1,500 or more	1.3	—	—	—	—	—	—	1.3	—	—	—	—	...
Median	455	...	...	...	...	...	...	...	...	...	...	...	...
Average Monthly Cost Paid for Real Estate Taxes													
Less than \$25	40.4	16.5	10.0	3.6	3.3	2.2	1.2	2.2	—	—	—	1.4	33 743
\$25 to \$49	34.9	6.8	14.5	7.0	2.2	3.3	1.1	—	—	—	—	—	37 323
\$50 to \$74	27.6	1.1	2.9	5.4	4.3	8.1	3.4	2.3	—	—	—	—	...
\$75 to \$99	20.0	—	1.1	1.1	3.3	7.7	3.3	2.5	1.1	—	—	—	...
\$100 to \$149	14.9	1.2	1.2	2.3	1.1	2.3	2.3	3.6	1.1	—	—	—	...
\$150 to \$199	21.3	1.4	1.1	—	—	1.0	6.1	6.8	3.6	1.2	—	—	...
\$200 or more	29.0	1.0	—	—	1.1	3.6	3.6	13.1	4.4	—	—	2.3	...
Median	67	...	34	...	...	...	...	184	...	...	...	...	...
Purchase Price													
Home purchased or built	161.9	20.2	24.9	18.3	14.2	27.1	19.8	24.6	9.1	1.2	—	2.6	62 492
Less than \$10,000	29.6	10.0	7.6	3.3	3.3	5.5	—	—	—	—	—	—	36 330
\$10,000 to \$19,999	25.0	3.3	5.8	5.5	2.2	6.1	2.2	—	—	—	—	—	...
\$20,000 to \$29,999	21.5	1.1	5.5	1.2	2.2	3.2	2.2	5.0	1.1	—	—	—	...
\$30,000 to \$39,999	7.7	—	1.1	1.1	—	2.2	2.3	—	1.0	—	—	—	...
\$40,000 to \$49,999	11.4	1.1	1.1	2.5	1.1	2.2	1.1	2.3	—	—	—	—	...
\$50,000 to \$59,999	11.1	—	1.1	—	1.1	5.7	1.2	1.0	1.1	—	—	—	...
\$60,000 to \$69,999	3.6	1.1	—	—	—	1.2	1.2	—	—	—	—	—	...
\$70,000 to \$79,999	5.7	—	—	—	—	—	2.2	3.5	—	—	—	—	...
\$80,000 to \$99,999	8.8	1.4	—	—	—	—	4.0	3.4	—	—	—	—	...
\$100,000 to \$119,999	2.3	—	—	—	—	—	—	1.1	—	—	—	1.2	...
\$120,000 to \$149,999	7.3	—	—	—	—	—	—	4.9	—	—	—	—	...
\$150,000 to \$199,999	1.2	—	—	—	—	—	—	1.2	—	—	—	—	...
\$200,000 to \$249,999	—	—	—	—	—	—	—	—	—	—	—	—	...
\$250,000 to \$299,999	—	—	—	—	—	—	—	—	—	—	—	—	...
\$300,000 or more	2.5	—	—	—	—	—	1.2	1.3	—	—	—	—	...
Not reported	24.3	2.3	2.7	4.7	4.4	1.1	2.2	2.2	2.2	1.2	—	1.4	...
Median	26 600	...	...	...	...	...	...	...	...	...	...	...	...
Received as inheritance or gift	16.9	7.9	4.5	1.1	1.1	—	1.2	1.1	—	—	—	—	...
Not reported	9.3	—	1.2	—	—	1.1	—	4.8	1.1	—	—	1.1	...

¹For mobile homes, 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 5-23. Units in Structure by Selected 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	1, detached	1, attached	Multiunit						Mobile homes
				Total	2 to 4	5 to 9	10 to 19	20 to 49	50 or more	
Total	341.5	55.3	214.2	72.0	30.6	15.2	10.2	4.9	11.1	—
Race and Origin										
White .....	...	...	...	...	...	...	...	...	...	...
Non-Hispanic .....	...	...	...	...	...	...	...	...	...	...
Hispanic .....	...	...	...	...	...	...	...	...	...	...
Black	341.5	55.3	214.2	72.0	30.6	15.2	10.2	4.9	11.1	—
American Indian, Eskimo, and Aleut	—	—	—	—	—	—	—	—	—	—
Asian and Pacific Islander	—	—	—	—	—	—	—	—	—	—
Other .....	...	...	...	...	...	...	...	...	...	...
Total Hispanic	3.3	2.2	1.1	—	—	—	—	—	—	—
Cooperatives and Condominiums										
Cooperatives	1.3	—	1.3	—	—	—	—	—	—	—
Condominiums	6.7	1.1	3.2	2.4	2.4	—	—	—	—	—
Year Structure Built¹										
2000 to 2004	—	—	—	—	—	—	—	—	—	—
1995 to 1999	1.3	1.3	—	—	—	—	—	—	—	—
1990 to 1994	15.9	5.4	7.1	3.4	3.3	—	.1	—	—	—
1985 to 1989	4.6	1.0	3.6	—	—	—	—	—	—	—
1980 to 1984	3.6	1.2	—	2.4	1.2	—	—	1.2	—	—
1975 to 1979	8.6	1.0	3.2	4.3	1.0	1.0	1.0	—	1.2	—
1970 to 1974	5.6	1.4	1.0	3.1	1.0	—	1.1	—	1.0	—
1960 to 1969	27.2	10.6	10.6	6.0	1.1	—	1.1	1.0	2.9	—
1950 to 1959	36.1	8.1	19.3	8.7	2.7	2.4	1.2	—	2.4	—
1940 to 1949	37.0	2.2	28.8	6.0	1.1	1.1	1.3	1.4	1.2	—
1930 to 1939	50.5	4.3	31.4	14.7	6.1	6.2	—	—	2.4	—
1920 to 1929	61.7	10.5	38.0	13.2	7.2	2.5	2.2	1.2	—	—
1919 or earlier	89.5	8.2	71.2	10.1	5.9	2.0	2.2	—	—	—
Median	1934	1953	1929	1939	1934	...	...	...	...	...
Rooms										
1 room	—	—	—	—	—	—	—	—	—	—
2 rooms	2.4	—	1.1	1.3	—	1.3	—	—	—	—
3 rooms	36.5	1.2	8.5	26.9	9.6	7.4	4.6	1.2	4.0	—
4 rooms	50.3	3.3	20.8	26.1	12.2	2.3	5.6	2.4	3.7	—
5 rooms	54.2	5.9	35.3	13.1	7.7	3.1	—	—	2.2	—
6 rooms	116.2	18.1	94.6	3.5	1.2	1.1	—	—	1.2	—
7 rooms	40.3	13.9	25.2	1.2	—	—	—	1.2	—	—
8 rooms	25.3	8.0	17.2	—	—	—	—	—	—	—
9 rooms	7.0	2.5	4.5	—	—	—	—	—	—	—
10 rooms or more	9.3	2.3	7.0	—	—	—	—	—	—	—
Bedrooms										
None	1.3	—	—	1.3	—	1.3	—	—	—	—
1	64.4	2.4	22.9	39.1	16.5	7.4	5.6	2.2	7.5	—
2	61.3	4.4	28.6	28.2	13.1	5.5	4.6	1.4	3.7	—
3	149.8	28.6	119.0	2.2	1.1	1.1	—	—	—	—
4 or more	64.8	19.9	43.6	1.2	—	—	—	1.2	—	—
Complete Bathrooms										
None	1.1	—	1.1	—	—	—	—	—	—	—
1	212.6	16.4	132.4	63.9	27.2	14.2	9.0	3.6	9.9	—
1 and one-half	62.1	12.2	48.7	1.1	—	1.0	.1	—	—	—
2 or more	65.7	26.7	32.1	6.9	3.4	—	1.1	1.2	1.2	—
Square Footage of Unit										
Single detached and mobile homes	55.3	55.3	...	...	...	...	...	...	...	...
Less than 500	2.3	2.3	...	...	...	...	...	...	...	...
500 to 749 .....	—	—	...	...	...	...	...	...	...	...
750 to 999	1.0	1.0	...	...	...	...	...	...	...	...
1,000 to 1,499	6.2	6.2	...	...	...	...	...	...	...	...
1,500 to 1,999	9.9	9.9	...	...	...	...	...	...	...	...
2,000 to 2,499	4.5	4.5	...	...	...	...	...	...	...	...
2,500 to 2,999	3.5	3.5	...	...	...	...	...	...	...	...
3,000 to 3,999	1.2	1.2	...	...	...	...	...	...	...	...
4,000 or more	3.5	3.5	...	...	...	...	...	...	...	...
Not reported	23.1	23.1	...	...	...	...	...	...	...	...
Median	1 830	1 830	...	...	...	...	...	...	...	...
Persons per Room										
0.50 or less	253.5	44.9	155.7	52.9	19.5	9.6	9.0	4.9	9.9	—
0.51 to 1.00	76.2	10.4	49.9	15.8	7.9	5.6	1.2	—	1.2	—
1.01 to 1.50	11.9	—	8.6	3.2	3.2	—	—	—	—	—
1.51 or more	—	—	—	—	—	—	—	—	—	—
Square Feet per Person										
Single detached and mobile homes	55.3	55.3	...	...	...	...	...	...	...	...
Less than 200	2.3	2.3	...	...	...	...	...	...	...	...
200 to 299	1.2	1.2	...	...	...	...	...	...	...	...
300 to 399	4.8	4.8	...	...	...	...	...	...	...	...
400 to 499	2.6	2.6	...	...	...	...	...	...	...	...
500 to 599 .....	—	—	...	...	...	...	...	...	...	...
600 to 699	3.5	3.5	...	...	...	...	...	...	...	...
700 to 799 .....	—	—	...	...	...	...	...	...	...	...
800 to 899	2.3	2.3	...	...	...	...	...	...	...	...
900 to 999	1.1	1.1	...	...	...	...	...	...	...	...
1,000 to 1,499	2.3	2.3	...	...	...	...	...	...	...	...
1,500 or more	12.0	12.0	...	...	...	...	...	...	...	...
Not reported	23.1	23.1	...	...	...	...	...	...	...	...
Median	872	872	...	...	...	...	...	...	...	...

Table 5-23. Units in Structure 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	1, detached	1, attached	Multiunit						Mobile homes
				Total	2 to 4	5 to 9	10 to 19	20 to 49	50 or more	
Equipment²										
Lacking complete kitchen facilities	6.9	1.1	1.1	4.7	2.3	2.4	–	–	–	–
With complete kitchen (sink, refrigerator, and oven or burners)	334.6	54.2	213.1	67.3	28.3	12.8	10.2	4.9	11.1	–
Kitchen sink	340.4	54.2	214.2	72.0	30.6	15.2	10.2	4.9	11.1	–
Refrigerator	340.3	55.3	214.2	70.8	30.6	14.1	10.2	4.9	11.1	–
Cooking stove or range	339.0	55.3	211.7	72.0	30.6	15.2	10.2	4.9	11.1	–
Burners, no stove or range	–	–	–	–	–	–	–	–	–	–
Microwave oven only	1.4	–	1.4	–	–	–	–	–	–	–
Dishwasher	69.0	20.6	34.3	14.0	4.8	–	4.3	1.2	3.7	–
Washing machine	214.7	46.1	150.0	18.6	10.1	3.6	1.1	1.4	2.4	–
Clothes dryer	162.2	38.2	108.7	15.3	8.0	3.6	1.1	1.4	1.2	–
Disposal in kitchen sink	57.9	12.1	30.2	15.6	5.4	1.1	4.3	1.2	3.7	–
Trash compactor	3.4	1.2	1.1	1.1	1.1	–	–	–	–	–
Air conditioning:										
Central	57.8	20.7	24.2	12.9	3.4	–	3.2	2.7	3.7	–
Additional central	3.2	–	1.1	2.1	–	–	2.1	–	–	–
1 room unit	100.3	11.1	59.7	29.5	11.8	10.2	2.5	1.0	4.0	–
2 room units	81.2	10.7	58.9	11.7	7.0	1.3	2.2	1.2	–	–
3 room units or more	26.1	5.9	18.9	1.2	–	–	–	–	1.2	–
Main Heating Equipment										
Warm-air furnace	172.9	38.6	101.9	32.3	14.5	4.8	3.2	3.6	6.2	–
Steam or hot water system	146.5	11.8	103.4	31.3	16.1	10.4	2.3	–	2.4	–
Electric heat pump	4.5	–	2.3	2.3	–	–	1.1	–	1.2	–
Built-in electric units	10.6	2.5	4.5	3.6	–	–	2.4	1.2	–	–
Floor, wall, or other built-in hot-air units without ducts	4.6	1.2	2.2	1.2	–	–	–	–	1.2	–
Room heaters with flue	1.3	–	–	1.3	–	–	1.3	–	–	–
Room heaters without flue	–	–	–	–	–	–	–	–	–	–
Portable electric heaters	–	–	–	–	–	–	–	–	–	–
Stoves	–	–	–	–	–	–	–	–	–	–
Fireplaces with inserts	–	–	–	–	–	–	–	–	–	–
Fireplaces without inserts	–	–	–	–	–	–	–	–	–	–
Other	1.2	1.2	–	–	–	–	–	–	–	–
Cooking stove	–	–	–	–	–	–	–	–	–	–
None	–	–	–	–	–	–	–	–	–	–
Plumbing										
With all plumbing facilities	338.1	55.3	212.1	70.7	30.6	14.0	10.2	4.9	11.1	–
Lacking some or all plumbing facilities ²	3.4	–	2.2	1.3	–	1.3	–	–	–	–
No hot piped water	–	–	–	–	–	–	–	–	–	–
No bathtub and no shower	–	–	–	–	–	–	–	–	–	–
No flush toilet	–	–	–	–	–	–	–	–	–	–
No exclusive use	3.4	–	2.2	1.3	–	1.3	–	–	–	–
Primary Source of Water										
Public system or private company	336.6	51.5	213.1	72.0	30.6	15.2	10.2	4.9	11.1	–
Well serving 1 to 5 units	4.9	3.8	1.2	–	–	–	–	–	–	–
Drilled	4.9	3.8	1.2	–	–	–	–	–	–	–
Dug	–	–	–	–	–	–	–	–	–	–
Not reported	–	–	–	–	–	–	–	–	–	–
Other	–	–	–	–	–	–	–	–	–	–
Units Using Each Fuel²										
Electricity	341.5	55.3	214.2	72.0	30.6	15.2	10.2	4.9	11.1	–
Piped gas	309.8	46.1	198.7	65.0	29.4	13.0	7.9	3.6	11.1	–
Bottled gas	8.7	4.4	4.3	–	–	–	–	–	–	–
Fuel oil	72.8	11.3	45.0	16.5	2.2	7.3	3.3	–	3.7	–
Kerosene or other liquid fuel	11.6	3.6	8.1	–	–	–	–	–	–	–
Coal or coke	–	–	–	–	–	–	–	–	–	–
Wood	7.8	5.7	2.1	–	–	–	–	–	–	–
Solar energy	–	–	–	–	–	–	–	–	–	–
Other	–	–	–	–	–	–	–	–	–	–
All electric units	11.8	2.7	4.6	4.6	1.2	1.1	1.1	1.2	–	–
Selected Amenities²										
Porch, deck, balcony, or patio	217.6	43.7	144.1	29.8	15.8	8.1	2.2	–	3.7	–
Telephone available	290.9	52.0	175.4	63.5	29.6	11.6	9.0	2.2	11.1	–
Usable fireplace	26.3	12.5	13.9	–	–	–	–	–	–	–
Separate dining room	225.9	42.9	155.9	27.0	13.6	4.2	1.1	2.2	5.9	–
With 2 or more living rooms or recreation rooms, etc.	33.5	17.5	14.9	1.2	1.2	–	–	–	–	–
Garage or carport included with home	71.3	22.6	43.7	5.1	1.2	–	1.2	1.4	1.2	–
Not included	269.1	32.7	169.5	66.9	29.4	15.2	8.9	3.4	9.9	–
Off-street parking included	96.1	18.9	39.3	37.9	13.7	5.8	7.6	2.2	8.7	–
Off-street parking not reported	–	–	–	–	–	–	–	–	–	–
Garage or carport not reported	1.1	–	1.1	–	–	–	–	–	–	–
Selected Deficiencies²										
Signs of rats in last 3 months	5.7	–	3.3	2.4	–	1.2	1.3	–	–	–
Signs of mice in last 3 months	115.3	8.0	87.4	19.9	9.0	6.0	1.2	1.2	2.4	–
Signs of rodents, not sure which kind in last 3 months	2.3	1.2	1.1	–	–	–	–	–	–	–
Holes in floors	4.4	–	2.2	2.2	–	2.2	–	–	–	–
Open cracks or holes (interior)	50.3	8.1	27.7	14.5	7.3	3.5	2.5	–	1.2	–
Broken plaster or peeling paint (interior)	40.4	4.5	23.8	12.1	4.8	2.4	2.3	1.4	1.2	–
No electrical wiring	–	–	–	–	–	–	–	–	–	–
Exposed wiring	–	–	–	–	–	–	–	–	–	–
Rooms without electric outlets	8.1	1.1	4.7	2.4	1.1	1.3	–	–	–	–

Table 5-23. Units in Structure 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	1, detached	1, attached	Multiunit						Mobile homes
				Total	2 to 4	5 to 9	10 to 19	20 to 49	50 or more	
Selected Physical Problems										
Severe physical problems ²	11.7	—	8.1	3.7	—	2.4	—	—	1.2	—
Plumbing	3.4	—	2.2	1.3	—	1.3	—	—	—	—
Heating	7.1	—	5.9	1.2	—	—	—	—	1.2	—
Electric	—	—	—	—	—	—	—	—	—	—
Upkeep	1.2	—	—	1.2	—	1.2	—	—	—	—
Hallways.....	—	—	—	—	—	—	—	—	—	—
Moderate physical problems ²	26.8	3.4	13.7	9.7	6.0	2.3	1.4	—	—	—
Plumbing .....	.1	—	—	.1	—	—	.1	—	—	—
Heating	—	—	—	—	—	—	—	—	—	—
Upkeep	21.0	3.4	12.6	5.0	2.7	1.1	1.3	—	—	—
Hallways.....	1.1	—	—	1.1	1.1	—	—	—	—	—
Kitchen	5.7	1.1	1.1	3.5	2.3	1.3	—	—	—	—
Persons										
1 person	102.0	16.5	49.1	36.5	12.6	8.6	5.6	2.2	7.5	—
2 persons	96.4	16.5	62.3	17.6	8.0	2.2	3.5	1.4	2.4	—
3 persons	69.0	12.0	44.3	12.7	5.6	3.5	1.0	1.2	1.2	—
4 persons	34.1	5.8	27.2	1.1	1.1	—	—	—	—	—
5 persons	22.8	1.1	19.7	2.0	1.1	.9	—	—	—	—
6 persons	12.5	3.4	6.9	2.2	2.2	—	—	—	—	—
7 persons or more	4.8	—	4.8	—	—	—	—	—	—	—
Persons 65 Years Old and Over										
None	266.2	40.7	158.1	67.5	28.5	14.0	9.1	4.9	11.1	—
1 person	56.1	13.5	38.1	4.5	2.1	1.2	1.1	—	—	—
2 persons or more	19.2	1.1	18.1	—	—	—	—	—	—	—
Age of Householder										
Under 25 years	16.3	1.1	5.7	9.4	4.8	2.3	.1	2.2	—	—
25 to 29	24.9	1.1	12.9	10.9	3.2	2.5	1.1	—	4.1	—
30 to 34	35.1	7.4	16.3	11.4	5.7	2.1	2.4	—	1.2	—
35 to 44	76.7	7.9	55.2	13.7	5.3	1.3	3.2	2.6	1.2	—
45 to 54	72.8	12.9	47.4	12.5	5.7	2.3	1.1	—	3.4	—
55 to 64	52.7	11.3	31.7	9.7	3.7	3.6	1.3	—	1.2	—
65 to 74	36.4	7.9	25.3	3.3	2.1	—	1.1	—	—	—
75 years and over	26.6	5.7	19.7	1.2	—	1.2	—	—	—	—
Median	47	53	49	38	38	...	...	...	...	...
Household Composition by Age of Householder										
2-or-more-person households	24.0	3.9	16.5	3.6	1.8	.7	.5	.3	.4	—
Married-couple families, no nonrelatives	87.8	11.4	66.5	9.9	7.9	2.0	—	—	—	—
Under 25 years	1.2	—	1.2	—	—	—	—	—	—	—
25 to 29 years	5.8	—	3.5	2.2	2.2	—	—	—	—	—
30 to 34 years	11.3	1.3	8.1	2.0	1.1	.9	—	—	—	—
35 to 44 years	19.4	2.4	14.9	2.1	2.1	—	—	—	—	—
45 to 64 years	33.1	6.6	22.9	3.6	2.5	1.1	—	—	—	—
65 years and over	16.9	1.1	15.9	—	—	—	—	—	—	—
Other male householder	29.0	5.7	18.7	4.5	2.2	—	1.1	—	1.2	—
Under 45 years	14.1	2.4	10.5	1.2	—	—	—	—	1.2	—
45 to 64 years	9.2	2.3	4.6	2.2	1.2	—	1.1	—	—	—
65 years and over	5.7	1.0	3.6	1.1	—	—	—	—	—	—
Other female householder	122.8	21.7	80.0	21.1	7.8	4.7	3.5	2.7	2.4	—
Under 45 years	64.6	7.7	38.2	18.8	6.7	3.5	3.5	2.7	2.4	—
45 to 64 years	36.0	8.2	26.5	1.3	—	1.3	—	—	—	—
65 years and over	22.2	5.8	15.3	1.0	1.0	—	—	—	—	—
1-person households	102.0	16.5	49.1	36.5	12.6	8.6	5.6	2.2	7.5	—
Male householder	40.7	4.7	21.5	14.5	6.0	3.7	2.1	—	2.6	—
Under 45 years	18.1	1.2	6.9	10.0	5.0	1.3	2.1	—	1.6	—
45 to 64 years	19.2	3.5	12.4	3.3	1.1	1.2	—	—	1.0	—
65 years and over	3.4	—	2.2	1.2	—	1.2	—	—	—	—
Female householder	61.3	11.8	27.6	22.0	6.6	4.9	3.5	2.2	4.8	—
Under 45 years	18.5	2.7	6.7	9.0	2.0	2.5	1.1	2.2	1.2	—
45 to 64 years	28.1	3.5	12.8	11.8	4.6	2.4	1.3	—	3.6	—
65 years and over	14.8	5.5	8.1	1.1	—	—	1.1	—	—	—
Household Income										
Less than \$5,000	39.3	2.3	28.9	8.0	3.1	2.5	—	1.4	1.0	—
\$5,000 to \$9,999	33.9	3.4	20.0	10.4	1.1	4.6	2.4	—	2.4	—
\$10,000 to \$14,999	42.0	6.9	23.7	11.4	4.4	2.5	1.0	1.0	2.4	—
\$15,000 to \$19,999	39.7	9.3	24.7	5.6	2.1	2.4	1.1	—	—	—
\$20,000 to \$24,999	33.3	1.2	25.0	7.0	6.9	—	.1	—	—	—
\$25,000 to \$29,999	20.8	3.2	8.7	9.0	3.3	2.2	1.1	2.5	—	—
\$30,000 to \$34,999	25.1	3.5	14.6	7.1	2.2	—	2.4	—	2.4	—
\$35,000 to \$39,999	19.6	1.2	14.7	3.7	2.7	1.1	—	—	—	—
\$40,000 to \$49,999	16.6	6.2	10.3	—	—	—	—	—	—	—
\$50,000 to \$59,999	27.4	8.7	17.6	1.1	1.1	—	—	—	—	—
\$60,000 to \$79,999	22.4	2.3	13.7	6.4	2.5	—	1.1	—	2.8	—
\$80,000 to \$99,999	6.9	2.5	3.3	1.1	—	—	1.1	—	—	—
\$100,000 to \$119,999	5.7	1.0	4.6	—	—	—	—	—	—	—
\$120,000 or more	9.0	3.4	4.4	1.2	1.2	—	—	—	—	—
Median	22 394	31 808	21 950	20 366	23 291	...	...	...	...	...
As percent of poverty level:										
Less than 50 percent	47.6	3.4	36.2	8.0	3.1	2.5	—	1.4	1.0	—
50 to 99	39.6	6.0	22.2	11.4	3.2	2.3	2.3	—	3.6	—
100 to 149	53.7	8.3	32.9	12.6	3.4	6.9	1.1	—	1.2	—
150 to 199	37.9	5.6	25.9	6.4	3.1	1.3	1.1	1.0	—	—
200 percent or more	162.6	32.0	97.1	33.5	17.8	2.3	5.7	2.5	5.3	—

Table 5-23. Units in Structure 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	1, detached	1, attached	Multiunit						Mobile homes
				Total	2 to 4	5 to 9	10 to 19	20 to 49	50 or more	
Income of Families and Primary Individuals										
Less than \$5,000	41.8	2.3	31.4	8.0	3.1	2.5	—	1.4	1.0	—
\$5,000 to \$9,999	37.4	6.0	21.0	10.4	1.1	4.6	2.4	—	2.4	—
\$10,000 to \$14,999	40.7	8.0	21.4	11.4	4.4	2.5	1.0	1.0	2.4	—
\$15,000 to \$19,999	37.3	6.9	23.6	6.8	3.3	2.4	1.1	—	—	—
\$20,000 to \$24,999	34.5	1.2	25.0	8.2	8.1	—	.1	—	—	—
\$25,000 to \$29,999	20.8	4.3	8.7	7.8	2.1	2.2	1.1	2.5	—	—
\$30,000 to \$34,999	25.0	2.3	15.7	7.1	2.2	—	2.4	—	2.4	—
\$35,000 to \$39,999	18.4	1.2	14.7	2.5	1.4	1.1	—	—	—	—
\$40,000 to \$49,999	16.6	6.2	10.5	—	—	—	—	—	—	—
\$50,000 to \$59,999	26.1	7.6	17.5	1.1	1.1	—	—	—	—	—
\$60,000 to \$79,999	21.3	2.3	12.6	6.4	2.5	—	1.1	—	2.8	—
\$80,000 to \$99,999	8.0	2.5	4.4	1.1	—	—	1.1	—	—	—
\$100,000 to \$119,999	4.6	1.0	3.5	—	—	—	—	—	—	—
\$120,000 or more	9.0	3.4	4.4	1.2	1.2	—	—	—	—	—
Median	21 965	28 706	21 950	19 524	22 079	...	...	...	...	...
Monthly Housing Costs										
Less than \$100	5.5	—	3.3	2.2	—	—	—	—	2.2	—
\$100 to \$199	47.7	4.6	38.6	4.5	1.1	1.0	—	—	2.4	—
\$200 to \$249	21.4	3.3	18.1	—	—	—	—	—	—	—
\$250 to \$299	20.3	2.3	16.8	1.2	—	1.2	—	—	—	—
\$300 to \$349	24.0	—	21.5	2.5	1.3	1.3	—	—	—	—
\$350 to \$399	20.9	2.2	16.1	2.7	1.4	1.3	—	—	—	—
\$400 to \$449	12.7	—	8.1	4.6	2.1	2.5	—	—	—	—
\$450 to \$499	20.8	1.2	9.5	10.1	4.3	2.4	1.1	2.2	—	—
\$500 to \$599	32.4	7.0	12.9	12.5	5.7	2.2	3.2	1.4	—	—
\$600 to \$699	37.1	3.4	21.2	12.5	6.0	1.1	2.6	—	2.8	—
\$700 to \$799	22.7	1.0	13.9	7.8	3.2	—	2.2	—	2.4	—
\$800 to \$999	26.8	7.5	12.3	7.0	3.5	—	1.1	1.2	1.2	—
\$1,000 to \$1,249	21.4	12.0	6.0	3.4	1.1	2.3	—	—	—	—
\$1,250 to \$1,499	8.3	3.9	4.4	—	—	—	—	—	—	—
\$1,500 or more	9.1	4.5	4.6	—	—	—	—	—	—	—
No cash rent	10.5	2.4	7.1	1.0	1.0	—	—	—	—	—
Median (excludes no cash rent)	481	838	367	561	581	...	...	...	...	...
Monthly Housing Costs as Percent of Current Income³										
Less than 5 percent	12.3	1.2	11.1	—	—	—	—	—	—	—
5 to 9 percent	34.2	2.2	29.4	2.5	2.5	—	—	—	—	—
10 to 14 percent	42.1	7.2	29.9	5.0	1.1	—	1.1	—	2.8	—
15 to 19 percent	34.6	4.6	18.3	11.7	4.6	1.3	2.2	1.2	2.4	—
20 to 24 percent	39.5	7.3	26.2	5.9	1.4	2.1	—	—	2.4	—
25 to 29 percent	30.7	5.6	14.4	10.7	3.7	3.4	2.3	—	1.2	—
30 to 34 percent	21.3	5.6	11.2	4.5	2.1	1.2	.1	—	1.0	—
35 to 39 percent	18.2	1.0	9.4	7.8	4.3	2.4	1.1	—	—	—
40 to 49 percent	23.0	2.7	14.5	5.7	2.2	1.3	—	2.2	—	—
50 to 59 percent	13.1	3.7	8.3	1.1	1.1	—	—	—	—	—
60 to 69 percent	6.8	1.1	2.5	3.3	2.2	—	1.0	—	—	—
70 to 99 percent	12.7	4.6	7.0	1.1	1.1	—	—	—	—	—
100 percent or more ⁴	25.2	5.9	13.1	6.1	—	1.1	2.4	1.4	1.2	—
Zero or negative income	17.3	—	11.7	5.6	3.1	2.5	—	—	—	—
No cash rent	10.5	2.4	7.1	1.0	1.0	—	—	—	—	—
Median (excludes 2 previous lines)	24	28	22	29	30	...	...	...	...	...
Median (excludes 3 lines before medians)	23	26	20	27	30	...	...	...	...	...

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

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

³Beginning with 1989 this item uses current income in its calculation, see Appendix A.

⁴May reflect a temporary situation, living off savings, or response error.

Appendix A.

Definitions

Beginning with the 1997 survey, most questions had new wording, compared with those used in earlier surveys. Also, new questions and answers categories were added, and all questions were read from (and answers entered into) portable computers. The AHS questionnaire is in a computer program that runs on the field representatives' portable computers. The survey's field representatives were instructed to read the questions exactly as worded. For a discussion of historical changes, see Appendix C. The exact wording of the questions and numerous explanations ("help" screens) are printed in the *Codebook for the American Housing Survey, Volume 3*. For a copy, please contact HUD USER, Box 6091, Rockville, MD 20850 (1-800-245-2691). The definitions and explanations given here are, to a considerable extent, drawn from the questionnaire and the *AHS Field Representative Manual*.

The definitions are alphabetized by the titles used in summary tables. Some cross references are provided, and if a specific topic is not located, try related topics. The definitions apply to summary tables, and also to the computer files ("microdata"), unless they are marked "not applicable."

Adults and single children under 18 years old. See "Household composition."

Age of householder. The classification refers to the age reported for the householder as of that person's last birthday.

Age of other residential buildings within 300 feet. The respondent was asked to describe the age of other residential buildings within 300 feet of the sample unit. The responses were then classified as: "Older," "Newer," "About the same," or "Very mixed." "Very mixed" indicates that the ages vary. If there are no other residential buildings within 300 feet, "No other residential buildings" is marked.

Amenities. See "Selected amenities."

Amount of savings and investments. These data are collected only for families and primary individuals with total incomes of \$25,000 per year or less, to indicate how many have substantial assets in spite of their low incomes. Savings include savings in a bank, other financial institution, or money market account. Other investments include stocks, bonds, rental properties, second homes, real estate, antiques, art, certificates of deposit, IRA or KEOGH accounts, and commodities. Investments exclude the primary residence and its furnishings, and cars.

Annual taxes paid per \$1,000 value.

Books. Real estate taxes paid per \$1,000 value of the house (and lot, except on mobile homes) are presented. Medians for taxes per \$1,000 value are rounded to the nearest dollar.

Microdata. Not applicable, can be calculated from taxes and value.

Bars on windows of buildings. The respondent was asked if any of the buildings within 300 feet of the sample unit have metal bars on the windows. 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 metal sheeting are not included.

Bathrooms. See "Complete bathrooms."

Bedrooms. The number of bedrooms in the housing unit is the count of rooms used mainly for sleeping, even if they also are 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 or designed as bedrooms, such as a living room with a hideaway bed or a den or sewing room, 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.

Bodies of water within 300 feet. These questions determine the proximity of the respondent's property to bodies of water such as ponds, lakes, rivers, or ocean. Swimming pools and temporary pools of water are not included in this definition. The respondent was also asked if the property is waterfront property and whether the property is on a flood plain.

Building and ground maintenance. Renters were asked their level of satisfaction with the maintenance of the grounds and building in which they live. The responses could be "completely satisfied," "partly satisfied," "dissatisfied," or "landlord not responsible for ground maintenance."

Building neighbor noise. Respondents in multiunit buildings were asked about noise heard through floors, walls, or ceilings of their units. Respondents were also

asked about the frequency of noise. The survey also asked the respondents' opinions of the loudness of noise as well as whether it was bothersome or not bothersome.

Buildings. See “Bars on windows of buildings,” “Common stairways,” “External building conditions,” “Year structure built.”

Business. See “Income,” “Other activities on property,” “Rooms.”

Cars and trucks available. 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 are taxicabs (if they are owned by a household member and kept at home). The total number of vehicles is not published, since cars are counted separately from “trucks or vans.” In the books, to obtain a count of all units lacking cars specifically, the lines “no cars, trucks, or vans” and “other households without cars” must be added together.

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.”

Census. See “Comparability with Census of Population and Housing data in 1990.”

Central cities.

National books and microdata. Since 1985, the National AHS has used the official list of central cities published on June 27, 1983, by the Office of Management and Budget as *OMB Bulletin 83-20*. That list was developed from definitions published January 3, 1980, in the *Federal Register*, Volume 45, pages 956-963. AHS still uses these 1983 boundaries to measure change consistently over time.

Books and microdata. Most metropolitan statistical areas had at least one central city, which was usually its largest city. In addition, any city with at least 250,000 population or at least 100,000 people working within its corporate limits qualified as a central city. Smaller cities were also identified as central cities if they had at least 25,000 population and (1) had at least 75 jobs for each 100 residents who were employed, and (2) 60 percent or fewer of the city's resident workers commuted to jobs outside the

city. Finally, in certain smaller metropolitan statistical areas, there were places with between 15,000 and 25,000 population that also qualified as central cities, because they were at least one-third the size of the metropolitan statistical area's largest city and met the two commuting requirements.

See also “Places” and “Urban and rural residence.”

Change in housing costs. Housing costs include mortgage and rent payment, real estate taxes, insurance, upkeep of place, utilities, homeowner membership fees, land rent, and mobile home park fees. For the householder and those who moved with the householder (from the same place at the same time), comparison is made of the share paid in the previous unit with the share paid in the present residence. The wording in the questionnaire is “their share, if not whole household,” so there may be some ambiguity for someone who used to pay 50 percent of \$100 and now pays 50 percent of \$600, but this is intended to count as increased rent.

Choice of present home and home search. These data are shown for units where the respondent moved during the 12 months prior to the interview. The respondent was asked a three-part question on choice of present home: (1) whether the respondent looked at both houses/mobile homes and apartments; (2) the reasons the respondent chose the present house or 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, because the respondent was not limited to one response. See “Reasons for leaving previous unit.”

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) whether the respondent looked for a house/apartment in any other neighborhood; (2) the reasons 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, because the respondent was not limited to one response.

Common stairways. Common stairways 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. The statistics on common stairways are presented for multiunit structures with two or more floors and common stairways. The figures reflect the physical condition of the stairway: the presence of loose, broken, or missing steps or stair railings.

Commuting. See “Journey to work” and “Neighborhood conditions and neighborhood services.”

Comparability with Census of Population and Housing data in 1990. The concepts and definitions are

largely the same for items that appear in the *1990 Census of Population and Housing* with the following main exceptions.

In the AHS, recent movers are householders that moved into their unit during the 12 months prior to the interview. In the 1990 Census of Housing, mover households were those that moved between January 1, 1989, and March 31, 1990, a period of 15 months or less.

In the AHS, units are classified as new construction if the unit was constructed 4 years or less from the date of the interview. In the 1990 census, units are classified as new construction if constructed in 1985 through 1990.

Data on poverty level in the 1990 census do not contain the income of household members unrelated to the householder. In the AHS, data on poverty level include the income of all household members whether or not they are related to the householder (see "Poverty status").

Income data in the AHS are based on income for the 12 months prior to interview for those household members 16 years and older. The 1990 census income data are for calendar year 1989 and for income of household members 15 years and older.

Differences between the AHS data and the 1990 census also may be attributed to the method of data collection (mailed questionnaires in the census, personal and telephone interviews in the AHS); differences in processing procedures and sample designs; the sampling variability associated with the sample data from both the AHS and the census; and the nonsampling errors associated with the survey estimates and the census data.

A variety of data on mortgages and owner-occupied properties are presented in the Residential Finance Survey, a specialized study done as part of the 1990 census. Differences include the fact that the basic unit of tabulation in the AHS is the housing unit, and in Residential Finance publications it is the property. Also, all the data in the AHS are provided by the occupant; in Residential Finance publications, mortgage is reconciled with responses from the lender.

Comparability with Current Construction Reports from the Survey of Construction.

The U.S. Census Bureau issues several publications under the series title, *Current Construction Reports*. The data for these reports are primarily from the Survey of Construction.

The major difference with the AHS is that the Survey of Construction shows counts and characteristics of housing units in various stages of construction through completion. The AHS shows only counts and characteristics of completed housing. Additional differences 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.

Complete bathrooms. A housing unit is classified as having a complete bathroom if it has a room or adjoining areas with a flush toilet, bathtub or shower, a sink, and

hot and cold piped water. A half bathroom has hot and cold piped water and either a flush toilet or a bathtub or shower, but does not have all the facilities for a complete bathroom.

Conditions of streets. The respondent was asked if any of the streets within 300 feet of the sample unit needed major repairs. Major repairs needed include large potholes, badly crumbling or deteriorating shoulders and roadsides, and deep ruts. Minor repairs include small cracks, shallow holes, or missing minor surfacing.

Condominium and cooperative fee. A condominium fee is charged to the owners of the individual condominium unit on a regular basis. The fee covers any operating and maintenance costs of the common property; for example, halls, lobby, parking areas, laundry room, swimming pool, as well as related administrative costs, such as utilities billed communally and management fees.

A cooperative maintenance fee (also called carrying charge) is a fee charged to the owners of the cooperative on a regular basis. It covers a share of the annual amount paid by the cooperative for real estate taxes, mortgage interest, and operating cost. In the books, medians for condominium fees and cooperative fees are rounded to the nearest dollar.

Consolidated metropolitan statistical areas. A consolidated metropolitan statistical area (CMSA) is made up of at least two primary metropolitan statistical areas. The microdata identify specific CMSAs. See Metropolitan areas.

Construction. See "Comparability with Current Construction Reports from the Survey of Construction" and "Year structure built."

Cooling degree days. See "Heating and cooling degree days."

Cooperatives and condominiums. A cooperative is a type of ownership whereby a group of housing units is 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, but does not own the unit directly. The corporation may have a mortgage on the whole group of units. The member may have a loan or mortgage to buy his or her shares in the corporation.

A condominium is a type of ownership that enables a person to own an apartment or house directly in a project of similarly owned units. The owner's name is on the deed, and the owner may have a mortgage on the unit occupied. The owner also may hold common or joint ownership in some or all common areas such as grounds, hallways, entrances, and elevators.

Cooperative or condominium ownership may apply to various types of structures such as single-family houses, rowhouses, and townhouses, as well as apartment units.

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 (not taxes or insurance), whether paid directly to a mortgage or utility company, or to household members. *Not living here* means that one of the people sharing the ownership or costs is not a household member.

Cost. See “Annual taxes paid per \$1,000 value,” “Change in housing costs,” “Real estate taxes,” “Monthly housing costs,” “Other housing costs per month,” “Mortgages currently on property.”

Crime. See Neighborhood crime, a subtopic under: “Neighborhood conditions and neighborhood services.”

Crop sales.

National microdata. Data on sales of \$1,000 or more of agricultural products during the 12-month period prior to the interview were collected in rural areas.

Metropolitan microdata. Not applicable.

Current income. 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 and primary individuals 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.” The majority of respondents answered “about the same,” and their current income is therefore defined as the total income of the family and primary individual in the past year.

Current income is not published separately. It is 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 recently entered the job market, retired, changed jobs, or moved often had a previous year’s income that is too low or high to compare to housing costs.

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. In the books, medians for current interest rate are rounded to the nearest tenth of a percent.

Current total loan as percent of value.

Books. 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.

Microdata. Not applicable.

Dependent interviewing. Dependent interviewing is the process by which data from surveys conducted in previous years are used instead of, in addition to, or to verify data collected during the current interview. The first use of dependent interviewing in AHS was for the item “Year structure built” in the year 1984.

Description of area within 300 feet. The respondent was asked to describe the area within a half block (defined as within 300 feet) of the sample unit. The categories include: single-family detached houses, single-family attached houses or low-rise (1-3 story) multiunit buildings, mid-rise (4-6 story) multiunit buildings, high-rise (7-or-more story) multiunit buildings, and mobile homes.

The category “Commercial and institutional; industrial buildings or factories” includes all varieties of nonresidential structures—offices, banks, hospitals, prisons, pumping stations, water treatment plants, factories, parking garages, churches, hotels, restaurants, barns, and junk yards.

“Residential parking lots” exclude driveways of single-family homes and parking garages where parking is on more than one level. “Body of water” refers to categories such as lakes, ponds, streams, reservoirs, and rivers. Swimming pools and temporary pools of water are excluded.

“Open space, park, woods, farm, or ranch” include cemeteries, golf courses, woods, forest preserves, vacant lots, undeveloped land, airport land, ball fields, and school fields.

Down payment. See “Major source of down payment.”

Educational attainment. 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 include public, private, and parochial elementary and high schools (both junior and senior), colleges, universities, professional, vocational, trade, and business schools. Schooling in other than regular schools is counted only if the credits obtained are regarded as transferable in the regular school system.

The category “high school graduate” included people who received either a high school diploma or the equivalent; for example, passed the Test of General Educational Development [GED] and did not attend college. The category “Associate degree” includes people 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.

In the books, to obtain the total number of householders who are 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 householder graduates with a bachelor's degree, add (1) with a bachelor's degree and (2) with a graduate or professional degree. The microdata have similar information on other household members aged 14 years and older.

See also "Public elementary schools" and "Neighborhood conditions and neighborhood services."

Elderly.

Books. Data for elderly include all households with householders aged 65 years and older. Note that this definition is narrower than in Department of Housing and Urban Development housing programs, which count as elderly all households where the householder or spouse is 62 or older, or has a disability.

Microdata. Not applicable; data can be classified at any age.

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. The item may identify inadequate wiring, but it also happens commonly when people move into houses and are unfamiliar with which items can be turned on at the same time.

Electricity. See "Monthly costs for electricity and gas."

Elevator on floor. Statistics are shown for housing units in structures with two or more floors that have one or more passenger elevators in working condition on the same floor as the sample unit. Elevators used only for freight are excluded.

Equipment. This item refers to selected equipment that is not shared with other households. Refrigerators, burners, ovens and disposals are counted only if they are in working order or the household plans to have them repaired or replaced soon.

Complete kitchen facilities. A housing unit has complete kitchen facilities when it has all of the following: (1) kitchen sink; (2) burners, cook stove, or microwave oven; and (3) refrigerator. These terms are further defined below.

The same criteria are used for occupied and vacant units in determining complete kitchen facilities. In some areas of the country it is common for the occupant to bring a refrigerator. In these cases the vacant unit, lacking a refrigerator, has an incomplete kitchen.

Kitchen sink. Only a sink in the unit or on an enclosed porch is counted, but it does not matter whether it is in the kitchen. However a bathroom sink does not count as a kitchen sink.

Refrigerator. It may or may not have a freezer. Kerosene refrigerators are counted, but not ice boxes.

Microwave oven. Data for microwave ovens were collected only if the respondent did not report having a cooking stove with oven, or burners. Prior to 1997, the data collected included all types of ovens except toaster ovens.

Burners. Data for burners were collected only if the respondent did not report having a cooking stove with oven. Burners built into a stove or counter top are counted, as are burners in a wood-burning stove.

Cooking stove. The cookstove can be mechanical or wood-burning.

Dishwasher. Counter top dishwashers are not counted.

Washing machine. Any kind with a motor is counted.

Clothes dryer. Only clothes dryers with motors are counted, not hand-operated wringers or hand-turned spin dryers.

Disposal in sink. A disposal is a motorized device that grinds waste so it can flow through the waste water pipe.

Trash compactor. Only built-in motorized trash compactors are counted.

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 or major portions of it. 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.

External building conditions. The external condition of the building that contains the sample unit was determined by direct questions asked of the respondent. 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, and tin, 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 weather. Holes caused by construction activity were not counted unless the construction had been abandoned.

Walls. “Missing bricks, siding, other outside wall material” applies to the exterior wall (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, and stucco. The missing materials do not necessarily expose the interior of the unit directly to weather. Missing materials resulting from construction activity were not counted unless construction had been abandoned. “Sloping outside walls” is 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, or a metal grating. 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.

Extra unit. Extra units include units classified as usual residence elsewhere (URE), vacant units designated as occasional use, and seasonal units (excluding migratory). A series of four questions was asked concerning these units.

Reasons for extra unit owned. The following designations for the reason the unit was owned:

- Previous usual residence—never sold the unit after moving from the unit into a new permanent residence
- Recreational purposes—used for vacations, weekends, sports, and holidays, but is not anyone’s usual residence currently
- Investment purposes—kept currently for investment purposes regardless of why it was obtained originally
- Wishes to sell the property but has not been able to yet—the owner is currently attempting to sell the unit but has not been successful yet

- Inherited—received as an inheritance in the settling of an estate
- Some other reason—used if none of the other designations applied

Location of extra unit. Designates how close the unit is to the owner’s current residence.

Nights owner spent at extra unit. Indicates how often the extra unit was used by the owner.

Nights owner rented extra unit. Determines how often the extra unit was used by people other than the owner.

Family or primary individual. While any occupant of a housing unit is called a household member, each household includes either (a) a *family*, which is the householder and all (one or more) other people living in the same household who are related to the householder by blood, marriage, or adoption, or (b) a *primary individual*, which is a householder who lives alone or with nonrelatives only. In any case the household also may include one or more roommates, lodgers, servants, or other people unrelated to the householder. These are considered members of the household but not of the family.

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. While they are part of the *family*, they are also usually a *subfamily* (see Persons other than spouse or children).

By definition, families include the householder and at least one relative, so in the statistics on household composition, families are always included in the various categories of two-or-more-person households. Primary individuals with nonrelatives living with them also are tabulated as two-or-more-person households. Primary individuals living alone are tabulated as one-person households.

The definition of families and primary individuals is significant in that some income items are collected only for the family or primary individual; these are: source of income, current income, food stamps, savings and investments. (Source of income and amount of wages are, in fact, only for family members 16 years and older.) For other household members 16 years and older, who are not related to the householder, total income is collected for each person, but sources and current changes in income are not identified, and their income is not included in comparisons with monthly housing costs or value. The distinction is meant to approximate whose income may be available for housing and other shared living expenses. However it is imperfect in the case of roommates who share more or less equally. See also “Household composition.”

Farm. See “Crop sales.”

First-time owners. If neither the owner or any co-owner have ever owned or co-owned another home as a usual 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 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 owner is not a first-time owner.

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 sewer pipe, lack of water supplied to the flush toilet, or some other reason. For households with more than one toilet, the question asked about times when *all* toilets were unusable.

Food stamps. These data are restricted to families and primary individuals with total incomes of \$25,000 per year or less. Housing units are counted in these data if the householder or any relative currently living in the unit received food stamps in the past year, even at another address. 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 the U.S. Department of Agriculture, state and local governments.

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), boats, and motor homes.

Fuels. Electricity may be supplied by above- or underground electric power lines or generated at the housing unit. 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 is usually delivered by truck. Wood refers to the use of wood or wood charcoal 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 corn-cobs, purchased steam, or any other fuel not listed.

Fuels, other house heating. These are the same types of fuels mentioned above but use in addition and/or supplementing the main house heating fuel.

Gas. See "Monthly cost for electricity and gas."

Group quarters. See "Housing units."

Halls. See "Light fixtures in public halls."

Heating and cooling degree days.

National books and microdata. Each degree that the average temperature for a day is below 65 degrees Fahrenheit produces one *heating degree day* (HDD). 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. A day when the average temperature is 65 or more has zero heating degree days.

Each degree that the average temperature for a day is above 65 degrees Fahrenheit produces one *cooling degree day* (CDD). 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. A day when the average temperature is 65 or less has zero cooling degree days.

The National Oceanic and Atmospheric Administration (NOAA) provided the information on degree days, based on averages for 1951-80. Each sample unit was assigned heating and cooling degree days using average NOAA data for counties.

Metropolitan books and microdata. Not applicable.

Heating equipment. 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.

Electric heat pump refers to a heating and 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. Others are included in wall units.

Built-in electric units refer to units permanently installed in floors, walls, ceilings, or baseboards.

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 heater with flue refers to nonportable room heaters in the wall or free standing heaters that burn liquid fuel, and which are connected to a flue, vent, or chimney to remove smoke and fumes.

Room heater without flue refers to any room heater that burns kerosene, gas, or oil, and that does not connect to flue, vent, or chimney.

Portable electric heater refers to heaters that receive current from an electrical wall outlet.

Fireplaces with inserts have a fan-forced air circulation system to force the heat into the room.

Fireplaces without inserts refers to glass door fire screens or fire backs inserted in the back of the fireplace to passively reflect heat.

Cooking stove refers to gas or electric ranges or stoves originally manufactured to cook food.

Stove refers to any range or stove that burns solid fuel including wood burning, pot belly, and Franklin stoves.

Other includes any heating equipment that does not fit the definition for any of the previous definitions.

Heating equipment breakdowns. Statistics are shown for housing units occupied by the householder during the winter prior to the interview and refer only to the main heating equipment. 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 cutoff 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. *Cost of heating* refers to the occupants turning down their thermostat or turning the equipment off altogether to save money. This category includes utilities/fuels that are unavailable due to unpaid bills.

Hispanic. “Hispanic” refers to the origin of the householder, and was determined by asking respondents to identify people living in the unit who were Hispanic or Spanish American. There is no intent to include people of Brazilian or Portuguese ancestry. Hispanic people may be of any race. Most identify themselves as White or Black, as shown in Table 2-1.

Data on Hispanic households shown in the AHS are collected in the 50 states and the District of Columbia and therefore do not include households living in Puerto Rico.

Home equity loan. Households were asked how many home equity loans they have. Home equity loans include both revolving lines of credit and lump sums loans with a fixed repayment schedule. The respondent was not given a definition to distinguish between these and most other mortgages. However reverse annuity mortgages were defined first and excluded. Respondents were asked if each home equity loan was a line of credit or lump sum, the credit limit, current balance, the amount of last payment, and the interest rate.

Homes currently for sale or rent. The data are presented in the book for owner-occupied units, year-round units temporarily occupied by people who have a usual residence elsewhere, and vacant units. The classification of the unit refers to the current action of the owner. The owner may offer the unit *up for rent only*, *up for rent or for sale*, or *for sale only*. In addition, the current owner may have contracted to rent or sell the unit but the transfer has not yet taken place. Finally, the housing unit may be *not on the market* at all.

Household. A household consists of all people who occupy a particular housing unit as their usual residence, or who live there at the time of the interview and have no usual residence elsewhere. The usual residence is 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.

Households 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. It includes people temporarily away for reasons such as visiting, traveling in connection with their jobs, attending school, in general hospitals, and in other temporary locations.

By definition, the count of households is the same as the count of occupied housing units.

Householder. The householder is the first household member listed on the questionnaire who is an owner or renter of the sample unit and is aged 18 years or older. An owner is a person whose name is on the deed, mortgage, or contract to purchase. A renter is a person whose name is on the lease; if there is no lease, a renter is a person responsible for paying the rent. If no one meets the full criteria, the age requirement is relaxed before the owner/renter requirement. Where the respondent is one of several unrelated people who all could meet the criteria, the interviewer may list the respondent first, so the respondent will be the householder and can answer the questions that are asked specifically about the householder, such as data on moves and income sources.

Household composition.

Books. The following categories are published in the books.

Married-couple families. Each household in this group includes the householder and spouse, and other people, if any, who are related to the householder and live in the household. If the householder's spouse is *not* present, but another married couple is present, for example daughter and son-in-law or mother- and father-in-law, the household is *not* counted here as a *married-couple family*.

Other male householder. This category includes households with male householders who are widowed, divorced, separated or single, or who are married with wife absent for other reasons.

Other female householder. This category includes households with female householders who are widowed, divorced, separated or single, or who are married with husband absent for other reasons.

No nonrelatives. When this phrase modifies *Married-couple households*, then households that include householder, spouse, nonrelatives, and other relatives, if any, are included with *Other male* and *Other female householder*, rather than with *Married-couples, no nonrelatives*. The data are published both ways, in the data tables, so readers can see whether their findings are affected by the presence of nonrelatives with married couples.

Single children under 18 years old. This category includes all household members under 18 years, whether related to the householder or not, who are not currently married (that is they have never been married, or are divorced, separated, or widowed). For example, it includes currently unmarried children of lodgers and foster children.

Own never-married children. This category includes any household member under 18 years old, if he or she has never been married, and is a son, daughter, stepchild, or adopted child of the householder. By definition, children of subfamilies are not children of the householder, so they are excluded from this count of own children. The data are published for both this definition of children and the definition above (based on age and current marital status), in different stub items, so readers can see whether the definition of children affects their findings.

Microdata. Not applicable; researchers may calculate these and other categories from the data on each person.

See also "Persons other than spouse or children" and "Family or primary individual."

Household moves and formation.

Books. 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 householder(s) moved into the present unit.

The total does not measure net household formation, since it omits deaths, moves to institutions, and moves abroad, and it does not show whether all occupants of the previous unit moved here; some may have stayed there, or moved elsewhere.

The categories do indicate people moving out of units where they were not the householder (divorce or children setting out on their own.), and people moving in with others (marriage, roommates, children moving from one parent to another, or to a grandparent).

Microdata. Not applicable; researchers may calculate these and other categories from the data on each person.

Housing units. A *housing unit* is a house, apartment, group of rooms, or single room occupied or intended for occupancy as *separate living quarters*.

Living quarters is a general term that includes both *housing units* and *group quarters*. Living quarters include structures intended for residential use (such as a house, apartment building, boarding house, or mobile home). Living quarters also include the following, but only if they are occupied as usual residences: (a) places such as tents, caves, boats, and railroad cars; and (b) structures intended for nonresidential use (such as rooms in a warehouse where a guard lives). Living quarters exclude quarters being used entirely for nonresidential purposes, such as a store, an office, or quarters used for storing business supplies, machinery, or agricultural products.

Separate living quarters are those in which the occupants *live and eat separately* from any other people in the structure and that have *direct access* from the outside of the structure or through a common hall, lobby, or vestibule that is used or intended for use by the occupants of more than one unit or by the general public. This means that the hall, lobby, or vestibule is not part of any unit but must be clearly separate from all units in the structure. 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.

Group quarters. The following types of living quarters are not classified as housing units and are not covered by the AHS interviews (some are in the microdata as Noninterviews):

Institutional group quarters are living quarters occupied by one or more people under care or custody, such as children in an orphanage, people in a nursing home, and prisoners in a penitentiary.

Noninstitutional group quarters do not involve care or custody, and do not have *separate living*. They include college dormitories, fraternity and sorority houses, nurses' dormitories, and congregate housing for the elderly. In addition, noninstitutional group quarters include any living quarters that are occupied by nine or more people unrelated to the householder.

Note that institutional and commercial establishments that have single-family houses or individual apartments with direct access, where staff live and eat separately, such as some residential hotels, and units for college professors, are *housing units*. Military housing for singles is not covered, but housing where civilian family members live is, if it meets the definition of a housing unit.

Hotels. Occupied rooms or suites of rooms in hotels, motels, and similar places are classified as housing units only when occupied by permanent residents; that is, people who consider the hotel as their usual residence or have no usual 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.

Rooming houses. 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, or a person in charge, they are counted as *one housing unit*. Otherwise they are *noninstitutional group quarters*.

New housing units. Units being built are classified as housing units (though they may be vacant), if construction has reached a point where all exterior windows and doors are installed and final usable floors are in place. Note this stage of construction is earlier than the one used in *Duration of vacancy* (see Vacancy, seasonality, and marketing), which measures when construction was completed.

The occupants of each housing unit may be a single family, one person living alone, two or more families living together, or any other group of related or unrelated people who share living arrangements (up to the limit of eight people unrelated to the householder).

Both occupied and vacant units are counted, except that the following are excluded if they are vacant: (a) tents, caves, boats, railroad cars, and the like; (b) structures intended for nonresidential use; (c) units used for business storage (storage of personal furniture does not disqualify a unit); and (d) units unfit for human habitation (roof, walls, windows, or doors no longer protect the interior from weather, or there is positive evidence such as a sign on the house or block that the unit is to be demolished or is condemned).

Income. The survey covers total money income in the 12 months before the interview. It covers people age 16 and older (age 14 and older before 1999) currently living in the housing unit, even if they lived elsewhere during some of the previous 12 months. The figures represent the amount of income before any deductions such as taxes, Social Security, union dues, bonds, and insurance.

The figures exclude: capital gains; lump sum payments from inheritances or insurance; occasional gifts; other sporadic payments; money borrowed; tax refunds; withdrawal of bank deposits; accrued interest on uncashed savings bonds; payments between household members except wages in a family business; income “in kind” such as free living quarters, housing subsidies, food stamps, or food produced and consumed in the home; and money from the sale of property (unless the recipient was in the business of selling such property). Figures also exclude income of people who have died or moved out of the housing unit, even if they lived in it for part of the previous 12 months.

Most data are from the respondent’s replies. For people not related to the householder, the interviewer tries to ask them directly about their income, but if they are not available, the interviewer asks the respondent. Medians for income are rounded to the nearest hundred dollars.

Figures are shown separately for household income and income of families and primary individuals (see definition). Each has its own advantages. Only household income includes the income of lodgers, roommates, employees, and other household members who are not related to the householder.

Wages and salaries include income received for work performed as an employee. It includes wages, salary, piece-rate payments, commissions, tips, cash bonuses, and Armed Forces pay, but not pay that a business owner pays to herself or himself.

Business, farm, or ranch income is received from self-employment in a business, professional practice, partnership, or farm.

Social Security and pensions include pensions, survivors’ benefits, and disability payments. This is not intended to include Supplemental Security Income (SSI), which is grouped with welfare, but many respondents confuse SSI and Social Security. Both come from the Social Security Administration. They used to be issued on different colored checks to minimize confusion, but now most payments are sent by electronic deposit.

Interest is money received or credited to a person’s account for the use of money. Notes, bonds, deposits in banks, credit unions, savings and loan associations, money market accounts, and certificates of deposit (CDs) are the most common sources of interest.

Stock dividends are payments made by a corporation to its stockholders. These include periodic payments from an estate or trust fund, and dividends paid or credited to those who hold shares in a mutual fund.

Rental income includes the total money received from rental of property, rental from real estate, or from roomers or boarders, less all rental expenses.

Welfare or SSI includes the Supplemental Security Income Program (SSI), which is administered by the Social Security Administration, and replaces most public assistance payments that were previously made by state and local welfare agencies to low income aged, blind, and disabled persons. Welfare includes money received from local or state administered public assistance programs, old-age assistance, aid to families with dependent children (AFDC, ADC), aid to the blind or totally disabled, or other public assistance.

Alimony or child support includes as alimony, money received periodically from a former spouse after a divorce or legal separation. Child support is money received for the support of children not living with their father/mother as the result of a legal separation.

Other includes worker's compensation or other disability payments, unemployment compensation, veteran's payments, total amount that parents receive for the care of foster children in their home, money received from gambling, scholarship and fellowship money received by students for which no service or work was required, military reenlistment bonuses, and any other sources of money income not specified above.

There may be significant differences in the income data between the AHS and other surveys and censuses. For example, the time period for income data in the AHS is 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 how income questions are asked, levels of missing data (usually high on questions about income), whether missing data are estimated or ignored, sampling variability, and nonsampling errors.

See also Current income in this Appendix A, Poverty in Appendix C, and Effect on income in Appendix D.

Inside (P)MSAs. See "Metropolitan areas."

Insurance. See "Property insurance."

Interest. See "Current interest rate."

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 may include disability insurance or life insurance.

Journey to work. National books and microdata. The books publish data on householders. The microdata have similar information on all workers.

Workers. Include all people aged 14 years and older who held a job in the United States, any time the week before the interview.

Householders. Householders who worked last week include householders who reported having a job in the United States, any time the week before the interview.

Principal means of transportation to work last week. This refers to the principal mode of travel used to get from home to work. People who use different means of transportation on different days of the week were asked to specify the one used most often. People who use more than one means of transportation to get to work each day were asked to specify the one used for the longest distance during the trip to work. Public transportation refers to bus, streetcar, subway, or elevated trains. Other means include taxicabs, ferryboats, surface trains, van service. See also "Neighborhood conditions and neighborhood services."

Travel time from home to work. The total elapsed time in minutes reported to usually get from home to work during the week prior to interview was counted as the travel time to work. The elapsed time included time spent waiting for public transportation and picking up members of carpools. Respondents were instructed to report travel time to the nearest minute.

No fixed place to work. Workers with no fixed place of work were those who did not usually work at the same location each day and did not usually report in to a central location to begin work each day.

Distance from home to work. This was the usual one-way, "door-to-door" distance in miles from home to work during the week prior to interview. Respondents were instructed to report travel rounded to the nearest mile.

Departure time to work. Refers to the time (hour and minutes) the respondent left for work. The categories begin with midnight, 12:00 a.m., and progress to 11:59 p.m. Metropolitan books and microdata. Not applicable.

Kitchen. See "Equipment."

Last used as a permanent residence. See "Vacancy, seasonality, and marketing."

Lenders of primary and secondary mortgage. This item is presented for 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, and savings and loan associations. *Other individual(s)* includes anyone who was not the most recent owner.

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.

Living quarters. See “Housing units.”

Location of extra unit. See “Extra unit.”

Location of previous unit. Books show data for units in which the householder moved during the 12 months prior to the interview. Microdata show similar information for moves since the previous interview, or for the past 2 years for units added to the sample.

The data compare metropolitan areas of the previous residence and the residence in the AHS sample, where the interview was conducted. The AHS residence is coded by its 1983 metropolitan area definition (see Metropolitan areas), which may not be the current area definition. Since 1993, coding the previous residence with comparable 1983 boundaries has not been done because of geographic boundary changes. Therefore, this item has been suppressed to avoid spurious changes.

Lodgers. See “Household,” “Persons other than spouse or children,” “Rent paid by lodgers.”

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. In the books, median lot size is shown to hundredths of an acre.

Lower cost state and local mortgages. Data are shown for owner occupied units with one or more mortgages. These are loans generally 1 percent 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 programs of the Veterans Administration and Farmers Home Administration.

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 or lot). If more than one source applied, the one providing the largest amount was recorded. Sale of previous home was reported only if the previous home was sold during the 12-months preceding the acquisition of the present home. Savings, or cash on hand, includes money drawn as bank deposits, credit unions, share accounts, saving bonds, certificates of deposits (CDs), 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 stocks, bonds, mutual funds, dissolved business ventures. Borrowing other than a mortgage on this property was reported 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.

Manager. See “Owner or manager on property.”

Medians.

Books. We estimate each median from the printed distribution. For example if there are 12 million homes of a particular type, the median is the 6 millionth, or halfway point of these homes. Therefore, if 5 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).

This technique overestimates medians by a few percent, because 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.

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 books).

Microdata. Not applicable; no medians are shown in the public use file.

Median monthly housing costs for owners.

Books. In addition to the median for “Monthly housing costs,” this item gives two additional medians for *owner-occupied* units. The first median includes maintenance costs in addition to those items included in “Monthly housing costs.” The second median excludes second and subsequent mortgages, installment loans or contracts, and maintenance costs, but includes all remaining items listed in “Monthly housing costs.” Because neither of these medians includes costs for renter-occupied units, they are not comparable to the median presented in “Monthly housing costs,” except in the “Owners column” and the “Owners” chapter.

Microdata. Not applicable.

Metropolitan areas. Metropolitan areas are made up of whole counties (towns in New England) that have significant levels of commuting and contiguous urban areas in common. They may cross state lines, and usually include large amounts of rural land and farm land, provided the county or town as a whole qualifies. See also Central cities; Places; and Urban, which is based on much higher population density than metropolitan areas.

National books and microdata. Since 1985 the National AHS has used the official list of metropolitan areas published on June 27, 1983, by the Office of Management and Budget as OMB Bulletin 83-20. That list was developed from definitions published January 3, 1980, in the *Federal Register*, Volume 45, pages 956-963. AHS still uses these 1983 boundaries in order to measure change consistently over time.

National microdata identify parts of many metropolitan areas. The sample size is usually too small for analysis, but researchers may group the areas, for example, by growth rate, turnover rate, and size, to have enough cases in each group to analyze. For six broad areas, containing a total of 18 metropolitan area codes (shown in *Codebook for the American Housing Survey*, Volume 2 or 3), the sample sizes have been augmented to permit analysis: Chicago, Detroit, Los Angeles, New York, Northern New Jersey, and Philadelphia. Elsewhere, metropolitan area codes are shown for (a) central cities of a metropolitan area where they had total 1980 population of 100,000 or more, and (b) urbanized suburbs of a metropolitan area where they had total 1980 population of 100,000 or more. In some areas, only central cities or only suburbs met the cutoff, so only those sample cases show metropolitan codes. Other sample cases show 9999 as their metropolitan code. This suppression for confidentiality does not affect the printed books.

Metropolitan books and microdata. Since 1995 the metropolitan AHS has used HUD definitions of metropolitan areas. These are based on the definitions of the Office of Management and Budget, but some outlying areas are omitted from the HUD definitions. Those counties have enough commuting to meet the OMB definition, but HUD believes they are not part of the same housing market as the rest of the area and need to be omitted for housing analysis. The areas for a given year included in and excluded from each metropolitan area are listed in the front of the books for that year.

Mobile homes. A mobile home is defined as a housing unit that was originally constructed to be towed on its own chassis. It also may have permanent rooms attached at its present site, or other structural modifications. The term does not include prefabricated buildings, modular homes, travel campers, boats, or self-propelled vehicles like motor homes. Some people use the terms trailer or manufactured housing in the same sense as mobile homes.

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. See also "Site placement."

Monthly costs paid for electricity and piped 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. 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 that 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 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 that 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.

A full explanation of the formulas is in Appendix E of *Codebook for the American Housing Survey*, Volume 3.

Monthly expenses, additional help with.

Books. Not applicable.

Microdata. Additional questions are asked of renters when the ratio of monthly housing costs as percent of current income is high. Rental households receiving housing assistance that report spending more than 35 percent of their income on housing; or rental households not receiving housing assistance with incomes less than \$15,000 that report spending more than 50 percent of their income on housing were asked questions on assistance for food, clothing, car payments, tolls, public transportation, child care, medical care or medicine, and utility bills. They were asked to specify the type of help they received.

Monthly housing costs. The data are presented for owner-occupied and renter-occupied housing units as well as vacant-for-rent units.

Monthly housing costs for *owner-occupied* units include the sum of monthly payments for all mortgages or installment loans or contracts, except reverse annuity mortgages and home equity lines of credit. Costs also include

real estate taxes (including taxes on mobile homes, and mobile home sites if the site is owned), property insurance, homeowner association fees, cooperative or condominium fees, mobile home park fees, land rent, utilities. Costs do not include maintenance and repairs, but see “Median monthly housing costs for owners.”

Monthly housing costs for *renter occupied* housing units include the contract rent, utilities, property insurance, mobile home park fee. Renter housing units occupied without payment of cash rent are shown separately as no cash rent. For rental units subsidized by a 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. The figures do not adjust for lost security deposits, or the benefit of free rent offered by some owners.

Monthly housing costs for *vacant-for-rent* housing units include rent asked, but not utilities or other charges. The category, *Depends on income of the occupants*, means the rent charged will vary depending on the occupants income, such as in public housing or some military housing.

The term utilities here includes electricity, gas, fuels (oil, coal, kerosene, or wood.), water, sewage disposal, garbage and trash collection, but not telephones or cable television. Utility costs are counted if they are paid by the occupant or by someone else, such as a relative, welfare agency, or friend. They may be paid separately or included in rent, condominium fee, or mobile home park fee, and the AHS questions take care to avoid double-counting.

Specified owners and renters—In the books, Table 19 of each chapter presents financial characteristics for these groups, which are comparable to the costs published before 1984. Medians for monthly housing costs are rounded to the nearest dollar.

Monthly housing costs as percent of current income.

Books. The yearly housing costs (monthly housing costs multiplied by 12) are expressed as a percentage of the total Current income (see definition). The percentage was computed separately for each unit and rounded to the nearest percent, so *25 to 29 percent* means 24.5 to 29.49 percent. The percentage was not computed for units where occupants reported no income, a net loss, or no cash rent. The category *100 percent or more* counts units with housing costs exceeding income. This situation may mean inaccurate income or housing costs data, or true but temporary situations. For most purposes, readers may wish to treat this line as missing or unreliable data.

Microdata. Not applicable; may be calculated as needed.

Monthly payment for principal and interest. The data present the monthly dollar amount paid on the mortgage for principal and interest only. They do not include that portion of the monthly payment used for property taxes,

homeowner insurance, and/or other charges. In the books, medians for monthly payment for principal and for interest are rounded to the nearest dollar.

Mortgage origination. Data are shown for owner-occupied units with one or more mortgages. For units that *placed 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 current owner assumed the previous owner's when the property was acquired and has not been refinanced. A *wrap-around* mortgage is a mortgage with a face value that encompasses the unpaid balance of the first mortgage(s), plus the amount of any new funds extended by the wrap-around lender. *Combination of the above* means that there was more than one method of origination for the outstanding mortgages on the property.

Mortgages currently on property.

Books. 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. Data are shown for the number of units with the following mortgage categories: reverse mortgages, regular and home equity, regular only, and home equity only.

A *mortgage or similar debt* refers to all forms of debt for which 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 trust arrangements usually a third party, known as the trustee, holds the title to the property until the debt is paid. In vendors' lien arrangements, 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.

See also “Current interest rate,” “Items included in primary mortgage payment,” “Lenders of primary and secondary mortgage,” “Lower cost state and local mortgages,” “Major source of downpayment,” “Monthly payment for principal and interest,” “Primary mortgage,” “Remaining years mortgaged,” “Term of primary mortgage at origination or assumption,” “Total outstanding principal amount,” “Type of primary mortgage,” “Year primary mortgage originated.”

Microdata. Not applicable. May be recoded as needed.

Moves. See “Choice of present home and home search,” “Household moves and formation,” “Location of previous unit,” “Persons—previous residence,” “Present and previous units,” “Reasons for leaving previous unit,” “Recent movers comparison to previous home,” “Structure type of previous residence,” “Tenure of previous unit,” “Year householder moved into unit.”

Neighborhood conditions and neighborhood services. The statistics are based on the respondent's opinion. He or she may define the neighborhood as any size. Some topics are collected by an open-ended question on what, if anything, bothers the respondent about the neighborhood. Others come from questions about specific topics. The first three, and schools, have followup questions about whether the problem bothers the respondent so much he or she would like to move.

Street noise or heavy street traffic. Street noise refers to noise made by children playing outdoors, noise from a factory or business, or any other sounds that the respondent considers to be street noise. Traffic refers to the amount of vehicular traffic that the respondent considers "heavy."

Neighborhood crime. This category refers to all forms of street and neighborhood crime, such as petty theft, assaults against the person, burglary, or any related activities that the respondent judges to be a crime.

Odors. This category refers to smoke, gas, or bad smells.

Those three specific questions are followed by an open-ended question about what (else) bothers the respondent. The category "People" includes such complaints as unfriendly neighbors, noisy children, other races, or specific neighbors.

Public transportation. The respondent answers (1) if service is available; (2) if service is satisfactory; and (3) if any member of the household uses the service at least once a week.

Shopping. The respondent answers whether grocery stores or drug stores were satisfactory and were within 1 mile of the housing unit.

Police protection. The respondent was asked if police protection was satisfactory.

Elementary schools. The respondent was asked (1) if young children in the household attended public school, private school, preschool, or were schooled at home (does not attend school before 1999); (2) if the public elementary school was satisfactory; (3) if it was so unsatisfactory the respondent wants to move; and (4) if the public elementary school was within 1 mile of the housing unit. See also Educational attainment.

See also "Bars on windows of buildings," "Conditions of streets," "Description of area within 300 feet," "Educational attainment," "Other buildings vandalized or within interior exposed," "Overall opinion of neighborhood," "Trash, litter, or junk on streets or any properties."

Nights owner rented extra unit. See "Extra unit."

Nights owner spent at extra unit. See "Extra unit."

Noninterview.

Books. Not applicable.

Microdata. Noninterview cases are classified as Type A, Type B, or Type C.

Type A noninterviews are units occupied by people eligible for interview who were not interviewed. A noninterview means that valuable information was lost and the sample returns may not be representative of the population. It is very important to keep noninterviews to a minimum. Type A noninterview categories include (1) no one home; (2) temporarily absent; (3) refused; (4) unable to locate; (5) language problems; and (6) other occupied - specify.

Type B noninterviews are units not eligible for interview at present, but who could become eligible for interviews in the future. Type B noninterview categories include (1) permit granted, construction not started; (2) under construction, not ready; (3) permanent or temporary business or commercial storage; (4) unoccupied site for mobile home or tent; (5) other unit or converted to institutional unit; (6) occupancy prohibited; (7) interior exposed to the elements; (8) Type B, not classified.

Type C noninterviews are units ineligible for sample, either because they no longer exist or because of sample reasons. Type C noninterview categories include: (1) demolished or disaster loss; (2) house or mobile home moved; (3) unit eliminated in structural conversion; (4) merged, not in current sample; (5) permit abandoned; (6) Type C not classified elsewhere; and (7) unit eliminated in subsampling.

Number of single children under 18 years old. See "Household composition."

Occupied housing units. A housing unit is classified as occupied if there is at least one person who lives in the unit as a usual resident 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 people with a usual residence elsewhere, the unit is classified as vacant. By definition, the count of occupied housing units is the same as the count of households.

Other activities on property. Data presented exclude rental units. Property consists of one or more tracts of land that the respondent considers to be the same property, farm, ranch, estate. The tracts may be adjoining or they may be separated by a road, creek, or other piece of land. For a condominium, this item refers to the sample unit only.

A medical or dental office is a doctor's or dentist's office regularly visited by patients.

A commercial establishment may be located in the same building as the sample unit, or it may be located elsewhere on the property (such as grocery store, restaurant, gasoline station, and veterinary office). Those housing units that have no recognizable alterations to the outside of the house are not considered as having a commercial establishment. A farm is not classified as a commercial establishment.

Other buildings vandalized or with interior exposed. The respondent was asked if there were any vandalized or abandoned buildings within 300 feet of the sample unit. A unit is counted as vandalized if it has most of the visible windows broken, doors pulled off, has been badly burned, has words or symbols printed on it, has portions of the roof missing, or in some other way has the interior exposed to weather.

Other housing costs per month. A homeowners' association fee (excludes condominium and cooperative fees) is a fee charged for services such as upkeep of common property (painting hallways, cleaning lobbies, mowing lawns, repairing laundry facilities, paving parking areas, and repairing street lights). 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, and playground areas). Also the homeowner's 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.

Aside from mobile homes (where site rent is covered above in mobile home park fees), in a few areas of the country, occupants 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.

The medians for other housing costs are rounded to the nearest dollar.

Outside (P)MSAs. See Metropolitan areas.

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.

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.

Owner or manager on property. These statistics show the number of rental housing units in structures of two or more units with the owner or resident manager living on the property.

Own never-married children under 18 years old. See "Household composition."

Painted surfaces.

National books. Not applicable.

National microdata. This item is restricted to housing units built before 1978 (older homes). Respondents were asked 1) whether they had peeling paint, and 2) whether the peeling paint was inside or outside the house. Respondents also were asked whether any work was done, such as sanding or scraping that would have disturbed painted surfaces, and if they replaced or repaired doors or frames, cabinets or built in shelves, inside walls or ceilings, windows (not counting glass) and outside walls, foundation, doors, and window frames or trim.

Additionally, respondents were asked if they were told before moving in that the paint might contain lead.

Parallel heating equipment. This is additional heating equipment for an area not heated by the main heating equipment.

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 and property insurance. *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.

National books and microdata. Not applicable.

Persons. See "Household."

Persons other than spouse or children.

Books. Data are shown for households with the following types of people:

Other relatives of householder. This category counts households that include any person related to the householder by blood, marriage, or adoption, except spouse, son, daughter, stepchild, or adopted child under 18 years old (regardless of marital status).

Single adult offspring 18 to 29. This category counts households with at least one member aged 18-29, if he or she is not currently married (that is, they have never been married or are divorced, separated or widowed), and is a son, daughter, stepchild, or adopted child of the householder. Note this category has the same marital status categories as “Single children under 18 years old,” but the same relationship to householder categories as “Own never-married children.” These are defined under “Household Composition.”

Single adult offspring 30 years of age or over. This category counts households with at least one member aged 30 or older, if he or she is not currently married (that is, they have never been married or are divorced, separated or widowed), and is a son, daughter, stepchild, or adopted child of the householder.

Households with three generations. For each person whose parent lives in the household, the parent (biological, adoptive, or stepparent) is identified in the questionnaire. Each person who is a child or grandchild of the householder is also identified. These codes keep count of households where the following live in the unit:

1. one or more sons, daughters, stepchildren or adopted children of the householder or spouse (regardless of marital status or age), and one or more parents of the householder or spouse, or
2. one or more parents of the householder or spouse, and one or more parents of these parents, or
3. one or more sons, daughters, stepchildren or adopted children of the householder or spouse (regardless of marital status or age), and one or more of these children’s children (grandchildren of the householder or spouse, regardless of marital status or age).

Note that the definition of children is different from those in “Single children under 18 years old,” and “Own never-married children.” The first does not involve relationship to householder, and neither involve marital status and age. Also note that if a household has more than three generations, it is still counted here. In addition to the three generations, there also may be other relatives in the household.

Subfamily. A subfamily is one of the following groups that do not include the householder or spouse, but are related to the householder and live in the household (1) a married couple (with or without children of any type), or (2) one parent with one or more of his or her own never-married children under 18 years old. A common example of a subfamily is a young married couple sharing the home of the husband’s or wife’s parents.

Subfamily householder. For subfamilies that include a couple, the husband is defined as the subfamily householder; for other subfamilies the parent is the householder.

Households with other types of relatives. This category counts households with relatives of the householder, other than the spouse, children, three generations, or subfamilies already counted. Therefore, it includes relatives such as uncles, nieces, cousins, or grandchildren present without their parents. A household already counted above may be counted again, as long as it has some additional relatives not counted above.

Nonrelatives. 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.

Co-owners or co-renters. This category includes households for which the names of two or more unrelated household members are on the deed of ownership, mortgage, land contract, contract to purchase, or similar document, or lease; or, if there is no lease, two or more unrelated household members are responsible for paying the rent.

Lodgers. This category is restricted to members of the household who pay rent to another household member and are age 16 and older, nonrelatives of the householder, not sons, daughters, stepchildren, or adopted children of a co-owner or co-renter, and not a co-owner or co-renter themselves. This item does not use the “lodger” answer on relationship to the householder since it is less carefully defined than the question on lodgers’ rent. See also “Household,” “Rent paid by lodgers.”

Unrelated children under 18 years old. This category counts households with members under 18 years old who are unrelated to the householder and are not co-owners, co-renters, or lodgers, regardless of marital status. Thus it includes foster children and children of lodgers and employees as long as they are under 18.

Other nonrelatives. This category counts households with nonrelatives of the householder who are not in the categories above, so they are not co-owners, co-renters, lodgers, or under 18. For example, it includes employees and housemates who do not pay a regular rent as lodgers. It also may include households with nonrelatives counted in the categories below.

One or more secondary families. A secondary family is a group of two or more people who are related to each other by birth (Parent/child, child less than 18 years old), marriage, or adoption, but who are not related to the householder. The unrelated secondary family may include people such as guests, roomers, boarders, or resident employees and their relatives living in a household.

Two- to eight-person households, none related to each other. None of the household members is related to any other household member. They may be co-owners,

co-renters, lodgers, partners, employees, or foster children. The books make no distinction between housemates and unmarried partners, because we do not want the interviewers to probe into private relationships.

Microdata. Not applicable; may be calculated from household relationships.

See also “Household composition.”

Persons per room.

Books. Persons per room is computed for each occupied housing unit by dividing the number of people 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 people per room.

Microdata. Not applicable; may be calculated from household size and rooms.

Persons—previous residence. All people are counted who lived at the previous residence at the time of the move, as well as those who usually lived there but were temporarily away. Persons who were staying there at the time of move, but who had a usual residence elsewhere, were not counted.

Physical problems—severe. 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 (and for the exclusive use of the unit, unless there are two or more full bathrooms).

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.

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 working elevator.

Upkeep. Having any five of the following six maintenance problems: (1) water leaks from the outside, such as from the roof, basement, windows, or doors; (2) leaks from inside structure such as pipes or plumbing fixtures; (3) holes in the floors; (4) holes or open cracks in the walls or ceilings; (5) more than 8 inches by 11 inches of peeling paint or broken plaster; or (6) signs of rats in the last 90 days.

Physical problems—moderate. 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, all the flush toilets were broken down at the same time for 6 hours or more (see “Flush toilet and flush toilet breakdowns”).

Heating. Having unvented gas, oil, or kerosene heaters as the primary heating equipment.

Kitchen. Lacking a kitchen sink, refrigerator, or cooking equipment (stove, burners, or microwave oven) inside the structure for the exclusive use of the unit.

Hallways. Having any three of the four problems listed above.

Upkeep. Having any three or four of the six problems listed above in “upkeep.”

See also “Bars on windows of buildings,” “Common stairways,” “Equipment,” “External building conditions,” “Flush toilet and flush toilet breakdowns,” “Heating equipment and heating equipment breakdowns,” “Overall opinion of structure,” “Primary source of water and water supply stoppage,” “Water leakage during last 12 months,” “Selected deficiencies.”

Places.

National books. The geographic variable place size, as shown in national reports, shows the current count of housing units in places as defined in the 1980 census.

Microdata and metropolitan books. Not applicable.

See also “Central cities” and “Urban and rural residence.”

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 units with less than two full bathrooms, the facilities are only counted if they are for the exclusive use of the occupants of the unit. Plumbing facilities need not be in the same room. Lacking some plumbing facilities or having 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.

See also “Complete bathrooms,” “Flush toilet and flush toilet breakdowns,” “Sewage disposal and sewage disposal breakdowns.”

Population in housing units.

Books. Included are all people living in housing units. Persons living in group quarters are excluded.

Microdata. Not applicable; can be calculated by adding weight times household size, for all occupied units.

Poverty status. The poverty data differ from official poverty estimates in two important respects:

(1) Interest in housing affordability made it appropriate for AHS to adopt a poverty definition based on household income. The official method is based on the income of families, and of individuals living without relatives. (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 one-person poverty threshold. The result might be that both were in poverty, both were out of poverty, or one was in poverty and one was not. In the AHS books, their poverty status was determined by comparing their combined income to the two-person poverty threshold.) The effect of using household income is to count about 6 percent fewer people in poverty than the official estimate. See “Technical Paper X, *Effect of Using a Poverty Definition Based On Household Income*,” U.S. Department of Health, Education, and Welfare, 1976.

(2) The official poverty estimates are based on the March supplement to the Current Population Survey. Income questions in that survey are very detailed, and measure income received during the previous calendar year. Income questions in the AHS are much less detailed, and measure income received during the 12 months just before the interview. Because interviews were conducted over several months, the AHS income measures do not pertain to a fixed period.

The poverty thresholds are based on the Department of Agriculture’s 1961 Economy Food Plan and reflect different consumption requirements by number of adults and children. They consider only money income (see Income), not assets or benefits in kind, such as housing subsidies. The poverty thresholds are updated every year to reflect changes in the Consumer Price Index (CPI). The official thresholds are below in Table C.

Note that in the official poverty thresholds, elderly are expected to need less than nonelderly in the one- to two-person groups. Also note that an all-adult household is

expected to need less than the same size household where one member is a child, but if additional members are children, costs go down again.

These official poverty thresholds are different from the poverty guidelines published for program purposes by the U.S. Department of Health and Human Services (HHS) on March 10, 1997, *Federal Register*, Volume 62, page 10,857. (Guidelines are 15 percent higher in Hawaii, and 25 percent higher in Alaska than shown below.)

HUD “very low income limits” (the L50 series) for four-person *households* are 50 percent of median family income for families in each metropolitan area or nonmetropolitan county. The HUD income limits vary among areas, and the average national HUD income limits in 1997 are shown (local details are at www.huduser.org/data/factors.html).

The HUD adjustments for household size in the L50 series are very roughly based on national average differences in housing cost. The HUD limits have smaller adjustments than the official and HHS poverty thresholds, which are based on food cost. Housing cost does not vary as much as food does between small and large households. Academic research suggests even the HUD adjustments may be too large; see van Praag, “The Relativity of the Welfare Concept,” in Nussbaum and Sen, *Quality of Life*, Oxford University Press, 1993, page 374, which suggests 6 percent adjustments per person instead of HUD’s 10 percent and 8 percent adjustments.

Microdata. Not applicable; may be calculated by comparing current or past income to the thresholds.

Present and previous units. The present unit is the one occupied by the householder or respondent at the time of the interview. The previous unit is the one 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.

Table C. **Income Thresholds**

Total persons	HUD average limits (L50) Oct. 1998 to Sept. 1999	HHS guidelines Mar. 1999 to Mar. 2000	Poverty thresholds, January 1999 to December 1999											
			Weighted average	Number of children under 18 years										
				None	1	2	3	4	5	6	7	8 or more		
1 person	16,730	8,240	8,501											
Householder 65 years and over . . .	16,730	8,240	7,990	7,990										
Householder under 65 years	16,730	8,240	8,667	8,667										
2 persons	19,120	11,060	10,869											
Householder 65 years and over . . .	19,120	11,060	10,075	10,070	11,440									
Householder under 65 years	19,120	11,060	11,214	11,156	11,483									
3 persons	21,510	13,880	13,290	13,032	13,410	13,423								
4 persons	23,900	16,700	17,029	17,184	17,465	16,895	16,954							
5 persons	25,810	19,520	20,127	20,723	21,024	20,380	19,882	19,578						
6 persons	27,720	22,340	22,727	23,835	23,930	23,436	22,964	22,261	21,845					
7 persons	29,640	25,160	25,912	27,425	27,596	27,006	26,595	25,828	24,934	23,953				
8 persons	31,550	27,980	28,967	30,673	30,944	30,387	29,899	29,206	28,327	27,412	27,180			
9 or more ¹	33,460	30,800	34,417	36,897	37,076	36,583	36,169	35,489	34,554	33,708	33,499	32,208		

¹HUD and HHS limits continue rising with higher household sizes, at the same rate shown.
Source: U.S. Census Bureau, Current Population Survey.

Previous home owned or rented by someone who moved here.

Books. These data are shown for units where the householder moved within the United States during the past year.

Microdata. Data are shown for units where anyone in the present household moved within the United States during the past year.

Previous occupancy. The statistics presented are restricted to housing units built in 1990 or later. “Previously occupied” indicates that some person or people not now in the household occupied the housing unit prior to the householder or other related household members’ occupancy. “Not previously occupied” indicates that either the householder or some other current household member was the first occupant of the housing unit.

Primary metropolitan statistical areas. See “Metropolitan areas.”

Primary mortgage. Detailed information on mortgages was collected in the AHS on the first three mortgages reported, even if the unit had four or more mortgages. On the basis of this information, one of the mortgages was considered to be primary. The definition of the primary mortgage may not agree with legal definitions of a “first mortgage,” which would be paid first after a foreclosure.

If there is only one mortgage, it is primary. If two or more mortgages exist, the following hierarchy was used (1) Federal Housing Administration (FHA), Veterans Administration (VA), or Farmers Home Administration (FmHA) mortgage; (2) assumed mortgage; (3) mortgage obtained first; (4) largest initial amount borrowed.

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 also are classified according to the number of times the stoppages occurred.

Principal. See “Total outstanding principal amount.”

Problems. See “Neighborhood conditions and neighborhood services,” “Physical problems,” “Poverty status.”

Property insurance. This item refers to insurance on the structure and/or its contents (such as furniture, appliances, or clothing) and usually contains some liability insurance. Renters usually do not have property insurance, but its cost is counted if they do have it. The total cost is the most recent yearly cost 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.

Public elementary school. In 1998 and earlier years, the question on type of school attended was asked of households with children ages 4 to 16. In 1999, the question was asked of households with children ages 5 to 15. The answer category “does not attend school” was replaced with “schooled at home.” However, instructions to the field representative defined both answer categories as the same, meaning children who did not attend school were entered into the “schooled at home” category. See also “Educational attainment” and “Neighborhood conditions and neighborhood services.”

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. In the books, the median purchase price is rounded to the nearest dollar.

Quality. See “Neighborhood conditions and neighborhood services,” “Physical problems,” “Selected amenities,” “Selected deficiencies.”

Questionnaire. Computer Assisted Personal Interviewing (CAPI) was introduced in 1997, eliminating paper questionnaires. See the discussion under the topic “Computer assisted interviewing” in Appendix C. A copy of the questions used in the laptop can be obtained in Volume 3 of the *Codebook for the American Housing Survey*. For copies, call HUD User at 800-245-2691 or the American Housing Survey at 301-457-3235.

Race. In the books, 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. For respondents who refused to answer, the interviewer decided on a race only for people she or he saw; others are imputed by computer. For mixed-race answers, respondents are asked for the race most closely identified with, respondents are asked for the mother’s race, or the first race mentioned is used, in that order of priority.

Hispanic is considered an ethnic origin rather than a race and is tallied separately. Most Hispanics report themselves as White, but some report themselves as Blacks or other categories. Figures are given for race and ethnicity in Table 2-1.

Revisions to the OMB Statistical Policy Directive 15 designate five races (White, Black or African American, American Indian or Alaska Native, Asian, and Native Hawaiian or other Pacific Islander) and two ethnic origins (Hispanic or Latino and not Hispanic or Latino). The AHS will adopt the new terminology in 2003.

Ratio of value to current income.

Books. The ratio of value to current income was computed by dividing the value of the housing unit by the total current (family) 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.

Microdata. Not applicable; can be calculated from value and income.

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. In the books, medians for real estate taxes are rounded to the nearest dollar.

Reason extra unit owned. See “Extra unit.”

Reasons for leaving previous unit. These data are shown for units where the respondent moved during the 12 months before the interview. The distribution may not add to the total, because the respondent was not limited to one reason.

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, to convert the unit to a condominium or cooperative, or to make repairs and renovate the unit).

Government displacement means the respondent was forced to leave by the government (local, state, or federal), because it wanted to use the land for other purposes (to build a road or highway, for urban renewal or other public activity, because the building was condemned, or some other 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 the person entered or left the U.S. Armed Forces, retired, or some other financial/employment reason.

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

Needed larger house or apartment refers to moves that were necessary because of crowding or 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 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 such reasons as respondent wanted larger yard, different zoning, or wanted a better investment.

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

See also "Choice of present home and home search" and "Choice of present neighborhood and neighborhood search."

Recent movers. Data for recent movers are shown for two categories of movers: (1) units where the householder moved into the present unit during the 12 months prior to the interview (shown as a column in most tables, and in Table 10 of each chapter) and (2) units where the respondent moved into the present housing unit during the 12 months prior to the interview (Table 11 of each chapter). In most cases, the two groups represent the same households.

Microdata also show moves of other household members.

Recent movers 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 movers 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.

Regions. 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.

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. For example, in many balloon mortgages the initial monthly payments are calculated to pay off the loan in 30 years, though the mortgage is due in 5 years, and the 60th payment is very large. Such a mortgage would count here as 30 years, not 5 years, minus whatever number of years have passed. In the books, medians for remaining years mortgaged are rounded to the nearest year.

Rent paid by lodgers. This item refers to regular, fixed rent: a set amount of money, billed or charged, which is paid at regular intervals by a lodger (usually weekly or monthly) to a member of the household. This category is restricted to lodgers who are 16 years and older, nonrelatives of the householder, and people who are not spouses of a co-owner or co-renter, not children of a co-owner or co-renter, and not a co-owner or co-renter themselves. Medians for rent paid by lodgers are rounded to the nearest dollar.

Rent reductions. *Rent control* means that increases in rent are limited by state or local law. The jurisdiction, state or local agency, mandates that rent increases may not

exceed some level, or must be approved by the government. This category does not include limits that HUD puts on all rental projects insured by the Federal Housing Administration.

A housing unit is classified as being in a *public housing* project if the unit is owned by any local or state government 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 having a subsidy if the household pays a lower rent because a federal, state, or local government program pays part of the cost of construction, mortgage, or operating expenses. These programs include rental assistance programs where part of the rent for low-income families is paid by HUD, and direct loan programs of HUD and the Department of Agriculture for reduced cost housing. Units requiring income verification are usually subsidized. Many households in these programs apply through the public housing authority, and misreport themselves in public housing. Others do not think of their units as subsidized, and misreport themselves as unsubsidized.

Subsidies for homeowners, including HUD subsidies for cooperatives, are not counted, since the questions are asked only of renters. See also Appendix C.

Renter maintenance quality. Renters were asked their opinion of owner's response time and if owners were polite and considerate for maintenance and repairs of major and minor problems. The definition of a major or minor problem was left up to the discretion of the respondent. Satisfaction was measured by the following choices: "usually," "not usually," "very mixed," "haven't needed any," and "landlord not responsible for maintenance." When problems occurred, renters were asked if problems were solved quickly once repairs started.

Replacements and additions.

Books. To be published later.

Microdata. The statistics refer to within 2 years prior to the interview and are restricted to owner-occupied units. The respondents were first asked if, in the last 2 years has there been a major disaster, such as an earthquake, tornado, hurricane, landslide, fire, or flood that required them to make extensive repairs to their home. Only if the damage involved at least 2 rooms or a majority of the home were replacements and additions counted as disaster required repairs.

Respondents were asked to name major repairs made within the last 2 years. Also, they were asked if the repair was a replacement or an addition, if someone in the household did the work, and the cost of the repair.

The microdata file shows the total number of replacements/additions reported by all households, and the total cost of these replacements/additions. Each household could name as many as 74 jobs done in their home.

Questions were asked about where the work was done, if any rooms were created or attached, and if the bathroom or kitchen had been remodeled within the last 2 years.

Respondents also were asked if they added or replaced their roof, siding, interior water pipes; electrical wiring, fuse boxes or breaker switches; doors or windows; plumbing fixtures such as sinks or bath tubs; insulation; wall to wall carpeting, flooring; paneling or ceiling tiles; air conditioning; built in heating equipment; septic tank; water heater; dishwasher, garbage disposal; driveways or walkways; fencing or walls; patio, terrace or detached deck; swimming pool, tennis court and other recreational structures; shed, detached garage or other buildings.

The microdata file also includes information about whether the household got a low interest loan or grant to pay for repairs and the amount spent in a typical year on routine repairs and maintenance.

Rooms. The respondent was asked to report all rooms in the housing unit. The interviewer then coded the responses into different categories. 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 rooms. Also included are rooms used for offices by a person living in the unit. Median for rooms is rounded to the nearest tenth (see Medians).

A dining room, to be counted, must be a separate room. It must be separated from adjoining rooms by built-in archways or walls that extend at least 6 inches from an intersecting wall. Half walls or bookcases count if built-in. Movable or collapsible partitions or partitions consisting solely of shelves or cabinets are not considered built-in walls.

Bathrooms, laundry rooms, utility rooms, pantries, and unfinished rooms are not counted as rooms.

Rooms used for business. A room used for business or office space is a room set up for use as an office or business such as rooms for: a business owner, contract worker, self-employed person, commercial use (such as daycare or catering) or regular job.

The question asked if rooms were exclusively used for business space. Followup questions asked if there is direct access to the outside without going through any other room and whether the space is used both as business space and for personal use. See also "Other activities on property."

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, restoring of some shingles, fixing water pipes, replacing parts of large equipment, such as furnace, repairing fences, gutters, sidewalks, decks or

patios, removing dangerous trees, termite inspection. 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.

Rural. See “Urban and rural residence.”

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 for cooking and drinking. This item excludes units where the primary source of household water was commercial bottled water.

Sample size. The sample size is the unweighted count of the actual sample cases. See Appendix B in this report for an explanation of sample design.

Savings. See “Amount of savings and investments.”

Schools. See “Educational attainment” and “Neighborhood conditions and neighborhood services.”

Seasonal units. See “Vacancy, seasonality, and marketing.”

Selected amenities.

Porch, deck, balcony, or patio is counted if it is attached to the sample unit, not just to the building or free standing. Porches may be enclosed or open. The porch, deck, balcony, or patio is only counted if it is at least 4 feet by 4 feet.

Usable fireplace. Excludes the following: fireplaces that have been blocked off or whose chimney or flue has been filled, decorative or artificial fireplaces and wood stoves, even if shaped like a fireplace, like a Franklin stove. Free-standing fireplaces are included in this item.

Separate dining room. A separate dining room is an area separated from adjoining rooms by archways or wall that extend at least 6 inches from an intersecting wall. See “Rooms.”

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

Garage or carport. The garage or carport is only counted if it is on the same property, though not necessarily attached to the house. Off-street parking includes driveway or parking lot privileges that are paid for as part of the rent or owned with the unit. Data on garage or carport are not collected for occasional-use vacant units and other vacant units.

See also “Overall opinion of structure.”

Selected deficiencies.

Signs of mice or rats. The statistics on signs of mice or rats refer to respondents who reported seeing mice or rats or signs of mice or rats inside the house or building during the 3 months prior to interview or while the household was living in the unit if less than 3 months. Signs of mice or rats include droppings, holes in the wall, or ripped or torn food containers.

Holes in floors. Respondents were asked about holes in the interior floors of the unit. The holes may or may not go all the way through to a lower floor or to the exterior of the unit. The holes are only counted if large enough for someone to trip in.

Open cracks or holes (interior). Statistics are presented on open cracks or holes in the interior wall 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, are not counted. Very small holes caused by nails or other similar objects are also not counted.

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 or plastic coverings. Excluded are appliance cords, extension cords, chandelier cords, and telephone, antenna, or cable television 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; that is, it 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.

Sewage disposal and sewage disposal breakdowns.

A *public sewer* is connected to a city, county, sanitary district, neighborhood, or subdivision sewer system, serving six or more units. 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.

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 also are classified according to the number of breakdowns.

See also “Painted surfaces.”

Sharing. See “Cost and ownership sharing” and “Time sharing.”

Single children under 18 years old. See “Household composition.”

Site placement. This item is collected for mobile homes. “Site” refers to location (other than the manufacturer’s or dealer’s lot) and not necessarily a mobile home park site. The mobile home was not necessarily occupied at each site, as long as it was set up for occupancy.

Source of drinking water. The statistics presented are restricted to units where the respondents answered that their primary source of drinking water was not safe to drink. Units where the primary source of water was commercial bottled water were excluded. See “Primary source of water.”

Specified owner and renters. See “Monthly housing costs.”

Square feet per person.

Books. Square feet per person is computed for each single-family detached housing unit and mobile home by dividing the square footage of the unit by the number of people in 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.

Microdata. Not applicable.

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 weather (such as 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.

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 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.

Stories in structure. The statistics are presented for all housing units, except for mobile homes. Any basement is included, whether finished or not. Finished attics also are included; 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.

Structure type of previous residence. These data are shown for householders who moved within the United States during the previous 12 months. They are based on the respondent’s classification.

Subsidies. See “Rent reductions.”

Suburbs. Suburbs are defined in the AHS as the portion of each metropolitan area that is not in any central city. See also “Central cities” and “Metropolitan areas.”

Suitability for year-round use. See “Vacancy, seasonality, and marketing.”

Supplemental heating equipment. Additional heating equipment for a heated area of the housing unit.

Taxes. See “Annual taxes paid per \$1,000 value” and “Real estate taxes.”

Tenure. Any housing unit is *owner occupied* (including a cooperative or condominium unit) if someone whose name is on the deed, mortgage, or contract to purchase, lives in the unit. Units where the elderly “buy” a unit to live in for the remainder of their lives, after which it reverts to the seller, are considered owner-occupied. All other occupied housing units are classified as *renter occupied* units, including units rented for cash, if occupants or others pay some rent, and/or occupied without payment of cash rent, such as a life tenancy or a unit that comes free with a job. Households who do not pay cash rent may still pay utilities.

Tenure of previous unit. These data are shown for householders who moved within the United States during the 12 months prior to the interview. The previous unit was owner occupied if the owner or co-owner lived in the unit. All other previous units were renter occupied.

Term of primary mortgage at origination or assumption. Term is the number of years from the date the present owner-occupants first obtained the present mortgage to the date the last payment is due according to the terms of the contract. On a balloon mortgage this term may be short, and the last payment very large. In the books, medians for term of primary mortgage are rounded to the nearest year.

Total outstanding principal amount.

Books. The statistics shown represent the total amount of principal that would have to be paid off if the loans 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. In the books, medians for outstanding principal amount are rounded to the nearest dollar. The data include all regular mortgages but exclude home equity loans.

Microdata. Not applicable.

Trash, litter, or junk on streets or any properties.

The respondent was asked if there was trash, litter, or junk in the streets, roads, empty lots, or on any properties within 300 feet of the building. 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 that do not give the impression of long neglect. The property on which the sample unit is located is included.

Trucks. See “Cars and trucks available.”

Type of primary mortgage. The federal government agencies that currently insure or guarantee mortgages or similar debts include the Federal Housing Administration (FHA), the Department of Veterans Affairs (VA), and the Farmers Home Administration (FmHA). Mortgage insurance is a promise to pay the lender’s losses in case the borrower fails to keep up the required mortgage payments and defaults on the loan. Such insurance protection is offered by the Government, acting as an insurance agent, and by private mortgage insurance companies. Mortgage loans that are not insured or guaranteed by these government agencies are referred to as “conventional” mortgages. Conventional mortgages, including mortgages insured or guaranteed by state or local governments, are shown as “Other types.”

Units. See “Housing unit,” “Occupied housing units,” “Vacancy, seasonality, and marketing.”

Units in structure. In determining the number of housing units in a structure, all units, occupied and vacant, were counted. The statistics are presented for the number of housing units, not the number of residential structures. A structure either has 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 if it has open space on all four sides, or attached if it has unbroken walls extending from ground to roof that divide it from other adjoining structures, as in many rowhouses or townhouses. If a unit

shares a furnace or boiler with adjoining units, then the walls are pierced by pipes or ducts, and all the units thus joined are included in one structure.

Mobile homes are shown as a separate category (see “Mobile homes”).

Urban and rural residence. As defined for the 1980 census, urban housing comprises all housing units (a) in urbanized areas and (b) in *places* (see *Places*) of 2,500 or more inhabitants outside urbanized areas, but excluding housing units in the rural portions of extended cities.

Housing units not classified as urban are rural housing.

Urbanized areas. In the 1980 census, each urbanized area comprised an incorporated place and adjacent densely settled area (1.6 or more people per acre, or 1,000 or more people per square mile) that together had at least 50,000 population. It also included some less dense adjacent land such as industrial parks and golf courses inside city limits.

More information on urbanized areas and the historical development of the urban-rural definition appears in the 1980 Census of Population reports, *Characteristics of the Population, Number of Inhabitants, PC80-1-A*.

Utilities. See “Monthly costs for electricity and gas.”

Vacancy, seasonality. 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, housing units where all the occupants have a usual residence elsewhere are grouped with vacant units.

Year-round housing units. This includes all units occupied by people as their usual residence, regardless of design, and all vacant units that are intended by the owner for occupancy at all times of the year. For example, if a unit in a resort area is intended for occupancy in all seasons, it is a year-round unit.

For rent. Owners of some units offer them for rent. Other owners solicit offers either *for rent* or *for sale*. When separate categories for these are not shown, they are both included in *for rent*, as in the rental vacancy rate.

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.

For sale only. Units “for sale only” are offered for sale, and the owner does not solicit renter-occupants, even though the owner might eventually rent the unit.

Rented or sold. 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 unit is classified as rented or sold.

Occasional use. These are units held for weekend or other occasional use throughout the year. Second homes may be classified here or as seasonal.

URE. These are temporarily occupied by persons with Usual Residence Elsewhere. If all people in a housing unit usually live elsewhere, the unit is classified as vacant. For example, a beach cottage occupied at the time of the interview by a family that has a usual residence in the city is included in the count of vacant units. Their home in the city or the home of a comparable vacationing family also can be in the AHS sample and would be reported as occupied since the occupants are only temporarily absent. URE units also may be classified in any of the vacancy categories: seasonal or for sale.

Other vacant. 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.

Seasonal units are intended by the owner to be occupied during only certain seasons of the year. They are not anyone's usual residence. A seasonal unit may be used in more than one season; for example, for both summer and winter sports. Published counts of seasonal units also include housing units held for occupancy by migratory farm workers. While not currently intended for year-round use, most seasonal units could be used year-round; see the next item.

Suitability for year-round use. For vacant housing units that are not intended by their current owners for year-round use (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, insulated, and heated as necessitated by the climate.

Time sharing. This item is restricted to vacant housing units, including units temporarily occupied by people who have usual residences elsewhere. 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. 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 refers 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 remain 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.

Last used as a permanent residence. The statistics refer to the length of time (in months) since units that are currently seasonal vacant 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*.

Comparability. There may be differences between the AHS 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.

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, any rental units, and land cost of mobile homes, are excluded from the value. 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. In the books, medians for value are rounded to the nearest dollar.

See also "Ratio of value to current income."

Water. See "Plumbing facilities," "Primary source of water and water supply stoppage," "Safety of primary source of water," "Source of drinking water."

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) or reasons (fixtures backed up or overflowed or pipes leaked) of water leakage.

Work. See "Income" and "Journey to work."

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 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 moved at the same time. In the books, the median year householder moved into unit is rounded to the nearest year.

In 1999, a change was made in the way these data were processed. The change allows the year the householder moved in to be earlier than the year the structure was built for mobile homes. The change was made in order to accommodate mobile home householders who purchased a new mobile home but were still living on the same site, making the year their structure was built later than the year they moved in.

See also “Year structure built.”

Year primary mortgage originated. The year the primary mortgage was originated is the year the mortgage was signed (see Primary mortgage). In the books, medians for year primary mortgage originated are rounded to the nearest year.

Year structure built. Year structure built represents the respondent’s estimate of 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, the manufacturer’s model year was assumed to be the year built. For mobile homes, the year the householder moved in can be earlier than the year the structure was built because the mobile home site, not the mobile home itself, is in sample. The householder could have replaced an older mobile home with a newer model. In the books, median year built is rounded to the nearest year.

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 the building was acquired was recorded. If there was a land contract only, the year the contract was signed was recorded. In the books, median year acquired is rounded to the nearest year.

Appendix B.

Metropolitan and National Sample Designs

METROPOLITAN SAMPLE DESIGN

Sample Areas

The 1998 American Housing Survey Metropolitan Sample (AHS-MS) provides information on 15 metropolitan areas interviewed as part of the American Housing Survey (AHS), which was conducted by the U.S. Census Bureau for the Department of Housing and Urban Development. These metropolitan areas are:

- Baltimore, MD
- Birmingham, AL
- Boston, MA-NH
- Cincinnati, OH-KY-IN
- Houston, TX
- Minneapolis-St. Paul, MN-WI
- Norfolk-Virginia Beach-Newport News, VA-NC
- Oakland, CA
- Providence-Pawtucket-Warwick, RI-MA
- Rochester, NY
- Salt Lake City, UT
- San Francisco, CA
- San Jose, CA
- Tampa-St. Petersburg, FL
- Washington DC-MD-VA

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:

- Cincinnati, OH-KY-IN does not include: Brown County, OH; Gallatin, Grant, and Pendleton Counties, KY; and Ohio County, IN, from the 1993 OMB definition for the Cincinnati, OH-KY-IN PMSA.
- Providence-Pawtucket-Warwick, RI-MA does not include: Little Compton town, and Tiverton town in Newport County, RI; and Fall River City, Somerset town, Swansea town, and Wesport town in Bristol County, MA, from the 1993 OMB definition for the Providence-Fall River-Warwick, RI-MA MSA.

- Washington DC-MD-VA does not include Clark, Culpeper, King George, and Warren Counties, VA; and Berkeley and Jefferson Counties, WV, from the 1993 OMB definition for Washington, DC-MD-VA-WV PMSA.

Interview Schedules

The metropolitan areas selected for AHS-MS are scheduled to be interviewed on a rotating basis about once every 6 years. The Census Bureau collected 1998 AHS-MS data between March and November of 1998. Initially, the sample in each metropolitan area was uniformly distributed throughout nine panels (panels 3 through 11).

Due to budget constraints, panels were dropped in the following metropolitan areas in 1998:

- In Boston, all units in panels 5, 9, and 11
- In Houston, all units in panels 5, 7, 9, and 11
- In Salt Lake City, half of panel 11

The cases in the nine panels were assigned to four clusters to be sent out for interview. Cluster 1 was made up of panels 3, 4, and 5; cluster 2 was made up of panels 6, 7, 8, and 9; cluster 3 and cluster 4 were made up of panels 10 and 11, respectively. Interviewing for cluster 1 began around March 1, 1998; interviewing for cluster 2 began as early as May 1, but no later than June 1; interviewing for cluster 3 began as early as September 1, but no later than October 1; and interviewing for cluster 4 started as early as October 1, but no later than November 1. All interviewing was completed by November 16, 1998.

Sample Size

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

Sample Selection

The 1998 AHS-MS sample consists of the following types of housing units:

- Housing units selected from the 1990 census
- New construction in areas that issue building permits
- Housing units missed in the 1990 census
- Other housing units added since the 1990 census

Table D. **Interview Activity for the 1998 American Housing Survey Metropolitan Areas**

Metropolitan area	Response rate ¹ (percent)	Eligible units			Ineligible units ³
		Total	Interviewed	Not interviewed ²	
1998 AHS-MS Total.....	92	69,320	63,565	5,755	2,823
Baltimore, MD	92	4,527	4,179	348	202
Birmingham, AL.....	95	4,773	4,524	249	291
Boston, MA-NH.....	87	4,377	3,816	561	149
Cincinnati, OH-KY-IN	94	4,835	4,525	310	206
Houston, TX.....	93	4,525	4,230	295	289
Minneapolis-St. Paul, MN-WI.....	91	4,611	4,191	420	183
Norfolk-Virginia Beach-Newport News, VA-NC.....	95	4,642	4,423	219	213
Oakland, CA	89	4,620	4,125	495	130
Providence-Pawtucket-Warwick, RI-MA.....	91	4,569	4,179	390	154
Rochester, NY	91	4,594	4,204	390	161
Salt Lake City, UT.....	96	4,707	4,541	166	169
San Francisco, CA.....	89	4,642	4,110	532	159
San Jose, CA	89	4,644	4,122	522	156
Tampa-St. Petersburg, FL.....	89	4,581	4,059	522	223
Washington DC-MD-VA.....	93	4,673	4,337	336	138

¹The response rate is computed by dividing the number of unweighted interviews by the total number of cases eligible for interview and multiplying by 100.

²Sample units were visited but occupants were not at home after repeated visits or were unavailable for other reasons.

³Sample 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.

The Census Bureau initially grouped the housing units enumerated in the 1990 Census of Population and Housing in the United States into census blocks and divided these blocks into two frames: the unit/group quarters frame and the area frame. Two criteria distinguished to which frame a census block belonged: (1) the completeness of addresses in the block; and (2) whether the block was in an area that issued building permits for new construction at the time of the 1990 census. Four situations arose:

1. Most addresses within the census block were complete, and the block was located in an area that 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 that 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 that 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 that did not issue permits for new construction. These blocks were also placed in the area frame.

The unit/group quarters frame was split into the unit frame and the group quarters frame by removing all group quarters and placing them in a separate frame. In addition, to coordinate with another Census Bureau survey, a subset

of census blocks in the unit frame that contained sample units selected by this other survey was moved to the area frame.

All new construction housing units that were built after the 1990 census in areas where construction of new homes was monitored by building permits were placed into a separate frame called the permit frame.

The Census Bureau selected a separate sample 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. Records selected by other surveys were removed from each of the frames to avoid having the same housing unit in sample for more than one survey. The Census Bureau selected the AHS-MS sample from the remaining records after adjusting the sampling ratio to reflect the removal of the other surveys' sample. Table E presents the percentage of AHS-MS sample drawn from each frame.

Unit frame. The Census Bureau stratified the 1990 census housing units 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.

Group quarters frame. In the first stage, the Census Bureau systematically sampled census blocks 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

Table E. **Percentage of 1998 AHS-MS Sample by Frame**

1998 AHS metropolitan areas	Unit frame	Group quarters frame	Permit frame	Area frame
Baltimore, MD	84.8	0.6	10.2	4.5
Birmingham, AL.....	69.3	0.1	11.1	19.6
Boston, MA-NH.....	90.2	0.1	5.3	4.5
Cincinnati, OH-KY-IN	63.7	0.1	8.8	27.4
Houston, TX.....	76.8	0.2	11.0	12.0
Minneapolis-St. Paul, MN-WI	79.9	0.4	13.5	6.2
Norfolk-Virginia Beach- Newport News, VA-NC	78.3	0.1	12.4	9.2
Oakland, CA	88.2	0.5	7.5	3.8
Providence-Pawtucket- Warwick, RI-MA	89.3	0.0	6.3	4.5
Rochester, NY.....	84.7	0.4	7.8	7.1
Salt Lake City, UT.....	80.9	0.2	17.1	1.8
San Francisco, CA.....	91.0	1.6	3.8	3.6
San Jose, CA.....	89.2	0.7	7.5	2.6
Tampa-St. Petersburg, FL.....	84.7	0.3	10.5	4.5
Washington, DC-MD-VA	78.1	0.3	12.9	8.7

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. Field representatives monitored these group quarters and sampled housing units that came into existence after April 1, 1990.

Permit frame. The Census Bureau selected sample units in the permit frame 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. However, most permits included in sample 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. The Census Bureau sorted census blocks 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 or 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.

1998 AHS-MS Telephone Interviewing

The previous approach for the AHS required a personal visit for the first interview. To keep costs down for the 1998 AHS-MS, part of the sample used the previous approach and the remainder used the telephone interview when possible. Telephone numbers were obtained for these cases by the matching of addresses to phone lists provided by a vendor.

Estimation

The 1998 AHS-MS produced estimates of housing inventory characteristics at the time of the interview (that is, the 1998 housing inventory) based on the sample in the metropolitan areas.

The sample housing units were weighted according to a multiple-stage ratio estimation procedure. Before implementing 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 occupants were not home
- Sample units for which occupants refused to be interviewed
- Sample units for which occupants were unavailable for some other reason
- Vacant sample units for which data were not collected

The calculations for this adjustment included occupied and vacant units. The Census Bureau computed the Type A noninterview adjustment separately for the following:

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

The adjustment for these units 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. All owner-occupied housing units were categorized 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. All renter-occupied housing units were categorized 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.

2. Occupied 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. Units were subdivided in the central city and the balance depending upon the tenure status and whether the housing unit was a mobile home or not.

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

Once again, the housing units were divided into two groups by central city and the balance of the metropolitan area. Within central city and balance, the housing units were further subdivided 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.

4. All vacant/usual residence elsewhere housing units.

The housing units were divided into two groups by central city and the balance of the metropolitan area.

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. The Census Bureau 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. This ratio estimation procedure was introduced 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 Census Bureau applied the following ratio estimation procedure 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 and the 1990 censuses. Based on the increase or decrease in the number of mobile homes between 1980 and 1990, the Census Bureau estimated the total number of mobile homes in the survey year 1998. 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 factors).

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 ratio estimation procedure reduced 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, one can expect

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 Census Bureau applied the following ratio estimation procedure in all areas:

Independent estimate of the total housing inventory (excluding mobile homes) for the corresponding geographic subdivision of the metropolitan area
Sample estimate of the total housing inventory (excluding mobile homes) 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. These estimates were generated at the county level and combined to form geographic subdivisions. For a more detailed description of the determination of these numbers, 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 factors).

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.

NATIONAL SAMPLE DESIGN

Sample Size

The 1999 national data are from a sample of housing units interviewed between August and November 1999. The same basic sample of housing units is interviewed every 2 years until a new sample is selected. The Census Bureau updated the sample by adding newly constructed housing units and units discovered through coverage improvement efforts every enumeration. For the 1999 American Housing Survey-National (AHS-N), approximately 60,700 sample housing units were selected for interview. About 2,300 of these units were found to be ineligible because the unit no longer existed or because the units did not meet the AHS-N definition of a housing unit.

Of the 58,400 eligible sample units, about 5,800 were classified (both occupied and vacant housing units), as "Type A" noninterviews because (a) no one was at home after repeated visits, (b) the respondent refused to be interviewed, or (c) the interviewer was unable to find the unit. This classification produced a 90-percent overall response rate.

Sample Selection

The Census Bureau has interviewed the current sample of housing units since 1985. First, the United States was

divided into areas made up of counties or groups of counties and independent cities known as primary sampling units (PSUs). A sample of these PSUs was selected. Then a sample of housing units was selected within these PSUs.

Selection of sample areas. The sample for AHS is spread over 394 PSUs. These PSUs cover 878 counties and independent cities with coverage in all 50 states and the District of Columbia.

If there were over 100,000 housing units in a PSU at the time of selection, the PSU is known as a self-representing PSU, because it was removed from the probability sampling operation. It was in sample with certainty. The sample from the PSU represents only that PSU. There are 170 self-representing PSUs. All PSUs in the six metropolitan areas discussed in the supplemental metropolitan sample section of this appendix are self-representing PSUs.

The Census Bureau grouped the remaining PSUs and selected one PSU per group, proportional to the number of housing units in the PSU, to represent all PSUs in the group. These selected PSUs are referred to as nonself-representing PSUs. The sample nonself-representing PSUs for AHS are a subsample of the Current Population Survey's (CPS) sample areas based on the 1980 census.

Selection of sample housing units. The AHS sample consists of the following types of units in the sampled PSUs:

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

Housing units selected from the 1980 census. The Census Bureau picked a systematic sample so every unit had a 1 in 2,148 chance of being included in the AHS.

In areas where addresses are complete (at least 96 percent of units having a house number and street name) and permits are required for new construction, housing units receiving 1980 census long-form questionnaires were sorted by the following items:

- PSU
- Central city, urbanized area, urban outside urbanized area, rural
- Owner, renter, vacant for rent, vacant for sale, other types of vacants
- Number of rooms
- Value of home or gross rent
- Mobile home or not a mobile home

In areas where addresses are not complete or permits are not required for new construction, land areas were sorted using a formula incorporating the following items:

- PSU

- Central city, urbanized area, urban outside urbanized area, rural
- Median value of home
- Number of children under 6 years old
- Number of elderly people
- Number of owner-occupied homes
- Number of mobile homes
- Number of homes lacking some plumbing
- Number of owner-occupied homes whose value is below \$45,000
- Number of renter-occupied homes with rent below \$200
- Number of Black and Hispanic people
- Number of 1-room homes

New construction in areas requiring building permits. In areas that require building permits for new construction, the Census Bureau selected a sample of permits. These permits do not cover mobile homes or conversion of older buildings to residential use.

Housing units missed in the 1980 census. The Census Bureau conducted a special study that identified units at addresses missed or inadequately defined in the 1980 census. A sample of these identified units was selected.

Housing units added since the 1980 census. If extra units are added in buildings or mobile home parks where AHS already has sample units, a sample of these extra units was selected. To find when whole buildings are built (in addition to building permits, mentioned above) or are converted from nonresidential to residential use, the Census Bureau listed all residential buildings in a sample of areas around the country, any additional buildings, and selected a sample of their units.

Supplemental Metropolitan Sample

In 1999, the Census Bureau reinstated units in six metropolitan areas. The data for these areas are based on AHS-National sample because AHS-MS sample in these six areas was dropped to reduce costs. These metropolitan areas are:

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

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:

- Chicago, IL, does not include DeKalb County from the 1993 OMB definition for the Chicago, IL PMSA.
- Detroit, MI, includes Livingston County in addition to the 1993 OMB definition of the Detroit, MI PMSA.
- New York-Nassau-Suffolk-Newburgh, NY, does not include Pike county, PA, from the 1993 OMB definition for the New York-Nassau-Suffolk-Orange, NY-PA PMSAs.
- Northern New Jersey does not include Warren County, PA, from the 1993 OMB definition for Newark NJ PMSA.
- Philadelphia, PA-NJ, does not include Salem County, NJ, from the 1993 OMB definition of the Philadelphia, PA-NJ-PMSA.

In order to provide more reliable sample estimates for the six metropolitan areas, the Census Bureau used sample cases from the basic sample along with an extra sample that had been selected for possible sample supplementation. The extra sample is referred to 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. Table F provides the size of the supplemental sample added in each of the six metropolitan areas.

Table F. 1999 Supplemental Sample Size for Each of the Six AHS-National-Based Metropolitan Areas

Metropolitan area	Supplemental sample size
Chicago, IL	1,872
Detroit, MI	1,140
Los Angeles-Long Beach, CA	2,067
New York-Nassau-Suffolk-Orange, NY	141
Northern New Jersey.....	124
Philadelphia, PA-NJ.....	1,224

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

The Census Bureau used all of the 1999 AHS-National basic and supplemental sample for the following areas:

- Chicago
- Detroit
- Northern New Jersey
- Philadelphia

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

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

Interview activity. Table G summarizes the interview activity for the six AHS-National metropolitan areas. The table provides the response rate, number of eligible units (comprised of completed interviews and noninterviews), and the number of units visited but ineligible for interview.

Table G. Interview Activity for Each of the Six 1999 AHS-National-Based Metropolitan Areas

Metropolitan area	Re- sponse rate ¹ (per- cent)	Eligible units			Ineli- gible units ³
		Total	Inter- viewed	Not inter- viewed ²	
1999 AHS-National total for the six listed MSAs	86	14,393	12,396	1,997	521
Chicago, IL	86	3,196	2,739	457	133
Detroit	90	1,932	1,740	192	55
Los Angeles-Long Beach, CA	88	3,485	3,068	417	91
New York-Nassau-Suffolk-Orange, NY	85	2,382	2,031	351	83
Northern New Jersey	83	1,304	1,079	225	62
Philadelphia, PA-NJ.....	83	2,094	1,739	355	97

¹The response rate is computed by dividing the number of unweighted interviews by the total number of cases eligible for interview and multiplying by 100.

²Sample units were visited but occupants were not at home after repeated visits or were unavailable for some other reasons.

³Sample 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.

Estimation for AHS-National

Each housing unit in the AHS sample represents itself and over 2,000 other units. The exact number it represents is its “weight.” The weight was calculated in five steps. The purpose of these steps is to minimize both sampling errors and errors from incomplete data. The result of the steps is also to force consistency with some major categories of data in other Census Bureau surveys. Therefore, figures on these categories do not actually depend on the AHS sample, but on the other surveys.

- 1. Basic weight.** The Census Bureau assigned each unit a weight to reflect its probability of selection. With rare exceptions, this weight is 2,148.
- 2. Noninterview adjustment.** An adjustment was made for refusals and occupied units where no one was home. The calculations for this adjustment do not include units the Census Bureau could not locate. The earlier weight was multiplied by the following factor:

$$\frac{\text{Interviewed units} + \text{Units not interviewed}}{\text{Interviewed units}}$$

It is assumed the units missed are similar in some ways to the units interviewed for AHS.

This adjustment is done separately for groups defined by cross-classifying the following data items if prior year data for the indicated items is available:

- Four census regions
- Central city, suburb, or nonmetropolitan
- Urban or rural
- Mobile home or not a mobile home
- Owner/for sale or renter/for rent
- Number of units in structure*
- Number of rooms*
- Occupied, vacant year round, or seasonal/migratory vacant*

(*If known from a previous survey; otherwise, the Census Bureau substituted whether or not units were drawn from building permits for these items.)

For seasonal/migratory vacants and year-round vacants other than those for rent or for sale, units were cross-classified only by census region and central city/suburb/nonmetropolitan.

PSU adjustment. The Census Bureau adjusted for differences that existed in 1980 between the number of 1980 census housing units estimated from the AHS sample of nonself-representing (NSR) PSUs and the 1980 census counts outside the self-representing PSUs. The earlier weight was multiplied by the following factor:

$$\frac{\text{1980 census housing units in all areas that could have been chosen as nonself-representing PSUs}}{\text{1980 census housing units estimated from the AHS sample of nonself-representing PSUs}}$$

This adjustment is done separately for groups defined by cross-classifying:

- Owner, renter, or vacant (four census regions)
- Central city, suburb, or nonmetropolitan
- Urban or rural
- Hispanic or non-Hispanic householder (only in South and West regions)
- Black or non-Black householder (only in South region)

New construction adjustment. The Census Bureau adjusted for known deficiencies in sampling new construction by multiplying the earlier weight by the following factor:

$$\frac{\text{Independent estimate}}{\text{AHS sample estimate}}$$

This adjustment is done separately for groups defined by cross-classifying:

- Four census regions
- Mobile home or not a mobile home
- Number of units in structure
- Year built (pre-1980 and 5-year categories after 1980 as shown in the publication)

Independent estimates are based on the Census Bureau's Survey of Construction and Survey of Mobile Home Placements. Note that final AHS figures for the categories above are not really based on the AHS sample findings, but on the independent sources.

Demographic adjustment. Comparability among the surveys was ensured by multiplying the earlier weight by the following factor:

$$\frac{\text{Independent estimate}}{\text{AHS sample estimate}}$$

This adjustment is done in two steps for occupied units. First, the factors were computed and applied for the Hispanic or non-Hispanic groups defined by cross-classifying:

- Four census regions
- Owner or renter
- Hispanic or non-Hispanic householder
- Husband-wife, other male householder, or other female householder
- Age of householder

Next, the demographic adjustment is repeated with the same cells, except classified by the Black or non-Black groups, rather than the Hispanic or non-Hispanic groups.

Vacant for sale, vacant for rent, other year-round vacant and seasonal/migratory vacant units were cross-classified only by the four census regions and central city, suburb, or nonmetropolitan.

The percentage of occupied and vacant units was based on the AHS itself. The distribution within occupied and vacant units is from the Census Bureau's Current Population Survey for occupied units, and from the Housing Vacancy Survey for vacant units. The grand total number of all housing units in the United States is based on the 1990 census adjusted to account for new and lost units. Note that final AHS figures for the categories above are not really based on the AHS sample findings, but on the independent sources.

Repetitions. The new construction and demographic adjustments were repeated to help match both sets of independent estimates simultaneously. These adjustments were repeated until every cell's factor is between 0.98 and 1.02 or the change in each factor from one repetition to the next is fewer than 0.015.

Small cells. In each step of weighting, many items were cross-classified; so some cells may have few cases. When a cell is too small (fewer than 30 cases for the noninterview adjustment or fewer than 50 cases for the demographic adjustment) or the adjustment factor is too extreme (greater than 1.5 for the noninterview adjustment or outside a range of 0.5 to 2.0 for the demographic adjustment) the Census Bureau combined the cell with one or more other cells that are similar in most respects. Cells for the PSU adjustment or the new construction adjustment were not combined.

Estimation for AHS-National metropolitan areas. The sample housing units were weighted according to a one-stage ratio estimation procedure.

1. **Basic weight.** The basic weight is the inverse of the probability of selection. The basic weight varies for each metropolitan area depending on the size of the supplemental sample.
2. **Type A noninterview adjustment.** Before implementation of the ratio estimation procedure, the basic weight for each interviewed sample housing unit was adjusted to account for Type A noninterviews. Type A noninterviews are sample units for which
 - a. Occupants were not home or
 - b. Occupants refused to be interviewed or
 - c. Occupants were unavailable for some other reason

When prior year AHS-National or 1980 census data were available, the Census Bureau used this information to determine the noninterview adjustment cell. The cells include the following characteristics:

- Tenure
- Geography
- Units in structure
- Number of rooms
- Value

When previous data are not available, the Census Bureau computed adjustment factors using geography and tenure.

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

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

Weighted count of interviewed housing units

3. **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 ratio estimation procedure reduced 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, one can expect 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 Census Bureau applied the following ratio estimation procedure in all the areas:

Independent estimate of the total housing inventory for the corresponding geographic subdivision of the metropolitan area

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. These estimates were generated at the county level and combined to form geographic subdivisions. For a more detailed description of the determination of these numbers, refer to a description of a similar process at the state level in the *Current Population Report*, Series P25-1123. The denominator was obtained using the existing weight of AHS sample units (that is, the product of the basic weight and the weighting factors).

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.

Appendix C.

Historical Changes

The American Housing Survey (AHS) began in 1973 as the Annual Housing Survey. Since 1981, the U.S. Census Bureau has conducted the national survey every odd-numbered year. In the 1984 metropolitan survey, it was renamed the 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 the data in 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 for 1975-77, since the same titles were published for those years as in 1974.

Age of other residential buildings within 300 feet.

1987, 1989, and 1997. See the discussion in this appendix under the topic “Buildings and neighborhood.”

Bars on windows of buildings.

1987, 1989, and 1997. See the discussion in this appendix under the topic “Buildings and neighborhood.”

Book titles, national.

1973. Annual Housing Survey: 1973

Part A. General Housing Characteristics (compared central city, suburban, and nonmetropolitan areas)

Part B. Indicators of Housing and Neighborhood

Part C. Financial Characteristics of the Housing Inventory

Part D. Housing Characteristics of Recent Movers

Supplement report number 1. Financial Characteristics by Indicators of Housing and Neighborhood Quality

1974. Parts A, B, C, and D stayed the same.

A new *Part E, Urban and Rural Housing Characteristics*, was added.

Supplement report number 1 was changed to *Part F, Financial Characteristics by Indicators of Housing and Neighborhood Quality*.

1978. Parts A, C, D, and E stayed the same.

Parts B and F from earlier years were combined into a new *Part B, Indicators of Housing and Neighborhood Quality by Financial Characteristics*. A new *Part F, Energy-Related Housing Characteristics* was added.

1985. Parts A, B, C, D, E, and F were combined into one report, *American Housing Survey for the United States*.

A new report was added, *Supplement to the American Housing Survey for the United States* with data on family types, neighborhood quality, commuting, and ownership of additional residential units.

Book titles, metropolitan sample.

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. As a result of the use of both decentralized telephone interviewing and Computer-Assisted Telephone Interviewing (CATI) in the 1987 AHS-National sample and later, data for several observation items (where the interviewer rather than the respondent supplied the data) are not comparable with those reported in the 1985 AHS-National sample. Data for the observation items for units assigned to telephone interviewing were collected only if the sample unit was located in a multiunit structure. Data for the following items in 1987 and later national surveys are restricted to units in multiunit structure: “Stories in structure”; “External building conditions”; “Description of area within 300 feet”; “Age of other residential buildings within 300 feet”; “Other buildings vandalized or with interior exposed”; “Bars on windows of buildings”; “Condition of streets”; and “Trash, litter, or junk on streets or any properties.” Data for these items were shown for all units in the 1985 national survey, including single-family homes.

The data for these items in the 1987 American Housing Survey–Metropolitan Sample (AHS-MS) are incorrect because of the inadvertent use of the American Housing

Survey–National (AHS-N) weighted sample cases for certain items where AHS-N cases should not have been used. 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, 1991, and 1993. Because of the methods for weighting the metropolitan samples in 1989, 1991, and 1993, the weighted totals in the metropolitan reports 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 conducted only 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.

1997. These items ceased being collected by interviewer observation; they have become questions for the respondents. The intent of interviewer observations had been to provide a source of data on housing conditions, independent of the respondents, because these items could be directly observed by the interviewers. While neither respondents nor interviewers are trained building inspectors, and they reported data on different subjects, the data at least gave independent points of view by two people for each housing unit. Furthermore the observations were collected even at units where interviews could not be obtained, so they could be used in research on the representativeness of AHS noninterview adjustments (which are explained in Appendix B).

As noted above, observations became impossible for many single-unit structures in 1987. Starting in 1997 staff no longer visit many multiunit buildings either, so the observation items have become questions. The survey could continue to collect observations when visits are done for some other purpose, but the results would be too biased to be useful (high turnover units, subdivided units, and units where the respondent requests a personal interview).

Codebooks.

Documentation of codes on data files has been published in various volumes. The most comprehensive is *Codebook for the American Housing Survey*, Volume 1, 466 pages plus 1 errata page. The codebook documents surveys

from 1973-93, showing which items are available in each survey, and when or if codes changed. The codebook was published without a volume number, but is currently referred to as Volume 1 to distinguish it from two later volumes.

For surveys from 1994-96, codes remain the same as in 1993 (shown in Volume 1, as mentioned above), except a few new and changed variables, which are shown in Volume 2, 90 pages. This Volume 2 also shows final record layouts for 1984-96.

Volume 3, 250 pages, shows variables and codes used in 1997 (and later) along with actual question wording.

Some of the older surveys have additional documentation. Besides a *Questionnaire Compendium* (900 pages) with 1973-81 questionnaires (please see the topic “Questionnaires”), there is also a *Questionnaire Directory* (300 pages) with unweighted frequency distributions of each variable in 1974-85, and an index to 1974-85 questionnaires (but no copies of the questionnaires). Each file from 1973-83 had a *Technical Documentation* volume, which duplicates the *Codebook*, Volume 1 mentioned above, but is less accurate. When errors are found, they are corrected in *Codebook*, Volume 1 but not in *Technical Documentation*.

Computer assisted interviewing.

1987-91. Large-scale experiments in computer assisted telephone interviewing (CATI) were conducted as part of the 1987-91 AHS-National sample (CATI has not been used in metropolitan surveys, though some of those interviews were completed on paper by telephone from interviewer’s homes). Preliminary analysis of the CATI experiments indicated that CATI has a significant effect on the data. The experiments revealed that data for characteristics of owner-occupied housing, urban housing, and housing with moderate physical problems exhibited high numbers of significant differences between CATI and non-CATI estimates. The moderate physical problems subgroup had the highest incidence of significant differences. The analysis also showed significant differences for total occupied, suburban housing units, and moved in past year.

CATI estimates were generally lower than non-CATI for units with water leakage, monthly housing costs as percent of current income, other heating fuel, and owners with a mortgage. However, CATI produced higher estimates for utilities paid separately, income, and shared ownership. Other characteristics that showed significant differences between CATI and non-CATI estimates include routine maintenance costs and heating equipment.

Little is known at this time about whether CATI or non-CATI produces better data. The Census Bureau believes, however, the estimates of change in AHS-National sample between 1985 and later years will be biased for many characteristics as a result of introducing CATI. See also the discussion in this appendix under the topics “Buildings and neighborhood” and “Telephone interviewing.”

1995. CATI was conducted for returning national sample households whenever possible to the extent that CATI staff was able to handle the workload.

1997. The Census Bureau eliminated the paper questionnaire. All interviews were conducted by computer assisted personal interviewing (CAPI) using laptop computers. The survey questions, including the skip instructions (that is, telling the interviewer which questions to ask next), were programmed into the laptop. The field representatives either phoned or made a personal visit to the respondent to conduct the interview. The interview questions were displayed on the computer screen one at a time. The skip instructions were programmed into the laptop, thus eliminating the possibility that the field representative would not follow the correct path and ask inappropriate questions (for example, asking about monthly rent at an owner-occupied unit).

Caution is recommended when comparing prior years' data with 1997 and beyond because of this change to a laptop computer environment. For a number of reasons, the change could give different responses. The laptop incorporated a wide range of improvements that had been identified during 2 years of research and testing. Skip patterns involved complex branching and calculations that would not have been appropriate with a paper questionnaire. By using the laptop, field representatives found it almost impossible to skip appropriate questions. Online editing features reduced errors at the point of data collection. Feedback of telescoping (the reporting of events in the current data collection that were and should have been reported during an earlier time period) reduced the number of incorrect answers. These changes should improve the quality of the data.

For copies of the old paper questionnaire and the new questions used in the laptop computer, see the topic "Questionnaire."

Condition of streets.

1987, 1989, and 1997. See the discussion in this appendix under the topic "Buildings and neighborhood."

Current interest rate.

1990 and 1993. In the 1993 national and 1990 metropolitan surveys, a programming error was discovered and corrected involving the computation of the median for the item "Current interest rate." Use caution when making comparisons with earlier surveys. The medians presented in the earlier reports were calculated incorrectly. However, the data distributions are correct and can be used to compute corrected medians.

Dependent interviewing. Dependent interviewing is the process by which data from surveys conducted in previous years are used instead of, in addition to, or to verify data

collected during the current interview. The first use of dependent interviewing in AHS was for the item "Year structure built" in the year 1984.

1984. A new procedure was introduced for the collection of data on the year the structure was built. The answer obtained for the year the structure was built during the current survey interview was compared to any valid answers obtained in previous interviews for the same housing unit. If the answers differed, the answer from the previous interview was used in processing and tabulating the data.

1987. A new procedure was introduced for the collection of data on square footage. If the interview was at a housing unit that was successfully interviewed in the previous survey, the question on square footage was not asked. Instead the respondent was asked, "Since (date of the previous interview), has there been a change in the amount of living space in this (house/apartment) because of putting on an addition, finishing an attic, or converting a garage to living space?" If the respondent answered no, the data on square footage from the previous interview was used in processing and tabulating the data. If the respondent answered yes, the amount of added or lost space was obtained from the respondent and added to or subtracted from the square footage obtained in the previous interview. This new figure was then used in processing and tabulating the data.

1999. Some questions were modified to verify answers with valid answers obtained during the previous survey's interview. If the current interview was being conducted with the same household at the same housing unit the respondent was asked if the answer given in the previous survey interview was still correct. Only if the respondent answered "no" was the question for the current year asked. If the respondent said the previously collected information was correct, the information from the previous interview was used in processing and tabulating the data. The modified questions concerned:

- Kitchen equipment, including cooking stove or range, burners, microwave oven, refrigerator, kitchen sink, garbage disposal, trash compactor, and dishwasher
- Washing machine and clothes dryer
- Public sewer
- Source of water
- Drilled or dug well
- Central air conditioning
- Main heating equipment
- Exposed wiring and rooms without electric outlets
- Fuels used for house heating, cooking, clothes dryer, hot water, and central air conditioning

- Porch deck or patio
- Lot size
- Foundation
- Other mobile homes on property
- Stories in structure and stories from main entrance
- Value (Value was verified if the current interview's value was 35 percent higher or lower than the value reported in the previous survey's interview.)

Other questions were not asked if a valid answer was obtained in a previous interview and if the current interview was at the same housing unit. In this case, the answers from the previous interview were used to process and tabulate the data. These questions included:

- Mobile home site placement
- Year built (Year built was verified if the residence was owner occupied in the current interview but renter occupied during the previous survey's interview. Otherwise it was not asked and the previous survey's answer was used.)

If the current interview was for the same household at the same housing unit, then another set of questions was asked, if a valid answer was not obtained in a previous interview. The answers from the previous interview were used to process and tabulate the data. These questions included:

- Previous occupancy
- Year unit acquired and how unit acquired
- First-time owner
- Source of down payment
- Purchase price or construction cost

Description of area within 300 feet.

1987, 1989, and 1997. See the discussion under the topic "Buildings and Neighborhood."

1992. In the 1992 metropolitan surveys, 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" had been tallied incorrectly since the redesign of the survey (1984). Therefore data from 1984-91 in the metropolitan reports are not comparable with data for 1992 and beyond. The second error was that the stub line "Not observed or not reported" had been incorrectly tallied from 1986-91. Data for this stub line from 1986-91 are not comparable with data for 1992 and beyond.

Education.

1995. The question was revised to give less detail for people with less than a high school education, and more detail for people with college degrees and advanced vocational training, to be consistent with the decennial census and other surveys.

External building conditions.

1987, 1989, and 1997. See the discussion in this appendix under the topic "Buildings and neighborhood."

Flush toilet breakdowns.

1998. There was an error in the computer program for the laptop in 1997. As a result, data on flush toilet breakdowns were not collected. In 1998, the error was corrected and data were published.

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.

1989. 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.

Housing costs and value.

1984. Value, mortgage data, and taxes are shown for all owners; rent is shown for all renters; and utilities for all of both groups. From 1973-83, these items were shown only for "specified" owners and renters. For comparability, Table 19 in each chapter of books published since 1984 still shows data separately for "specified" owners and renters. "Specified" homes exclude 1-unit buildings on 10 or more acres, and owners in buildings with 2 or more units or with a business or medical office on the property.

Also, the terminology changed. The new term "Monthly housing costs" includes the old terms "Selected monthly housing cost" for owners, "Gross rent" for renters, and "Contract rent" for vacant-for-rent units.

1989. The monthly housing costs items for subsidized renters were revised to improve the reporting of actual rental costs. In 1987, the questionnaire determined 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. Beginning in 1989, a probe was added for subsidized households to determine what they actually paid. The new procedures in 1989 produced lower and more accurate estimates.

Also, see the discussion in this appendix under the topics, "Income" and "Utilities."

1995. Mortgage payments were estimated when the respondent did not know the amount. These payments were estimated by amortizing each mortgage at level payments over its full term. If the amount borrowed is unknown, it is imputed first from the value of the house. If the interest rate or term were unknown, they were imputed from owners who got their mortgages in the same year. This change eliminates a large source of missing data. While not perfect, it gives a much more complete picture of housing costs than in previous years.

1997. A "Separate category," depending on income of the occupants, was added for vacant-for-rent units. In these units the rent charged will depend on the income of the occupants, such as in public housing or some military housing. In 1995 and earlier, the category, less than \$100, includes an estimated 166,000 housing units where the rent depended on income of the occupants. They have a code 1 in the microdata. These units were incorrectly published as "less than \$100" from 1985-96.

Housing unit definition.

1984. One major and one minor difference appear in the housing unit definition. The major difference is that since 1984 the AHS includes vacant mobile homes as housing units. Vacant mobile homes added an additional 698,000 seasonal and 642,000 year-round vacant units to the 1985 national housing inventory. The 1973-83 AHS excluded these units from weighted counts, though they are included in the microdata with zero weight.

A minor difference in the definition is the 1973-83 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, leaving direct access required of all units.

Another issue is how to define group quarters. In the 1973-83 AHS, a household containing 5 or more people unrelated to the householder was considered to be group quarters. In 1984, the cutoff was changed to 9 or more people unrelated to the householder.

Income.

1984. See the discussion in this appendix under the topic "Poverty."

1989. Two new items, "Monthly housing costs as percent of current income" and "Ratio of value to current income" replaced similar items that were published in 1984-88. For income, these new items use "Current income." In 1984-88, the items "Monthly housing costs as percent of income" and "Value-income ratio" 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." Use caution when comparing prior years' data with 1989 because of the differences in the definitions.

For comparative purposes, Table H shows monthly housing costs as a percent of both income in the last 12 months and of current income. For total households and owner households, the medians are the same for both types of income; for renter households, the medians are 29 and 27 percent, respectively.

1993. Questions on income sources were revised in an effort to improve income reporting. The question in earlier surveys reported interest or dividend income of \$400 or more. In 1993, it was divided into two questions: one on any interest, the other on any dividends from stocks, regardless of amount. Therefore both new questions cover even small amounts.

Wage and salary income was underreported for some people and households in the 1993 national survey. The error occurred during the processing of the data collected by computer assisted telephone interviewing. When the respondent does not know or refuses to report wage and salary income, income is normally allocated during the processing. In 1993, this income was not allocated but was incorrectly processed as "zero" (no) income. This error was corrected in the 1995 national survey. Although the income data for 1993 are incorrect, analysis of median household income for 1991, 1993, and 1995 indicates that the overall effect of this error on 1993 data is minor, though it significantly increases the apparent number of households with zero income.

Table H. **Monthly Housing Costs as a Percent of Income**

Characteristic	Median (percent)		
	Total	Owner	Renter
Monthly housing costs as percent of income using--			
Income in the last 12 months:			
1987	22	18	29
1989	21	18	29
Current income:			
1989	21	18	27

Use caution when making income comparisons before and after the 1993 survey.

1999. Income was collected for all people 16 years and older in the household. In previous surveys, income was collected for all people 14 years and older in the household.

Income sources.

1993. See the discussion in this appendix under the topic “Income.”

Kitchen.

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 1984 approach finds more homes missing some part of the kitchen than the old longer question did.

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, it is counted as incomplete. Both approaches have problems, but the newer approach was chosen as preferable.

Between 1983 (old question and instruction) and 1985 national (new questions and instruction), the estimate of occupied units with incomplete kitchens changed 59 percent from 827,000 to 1,316,000. The estimate of vacant units with incomplete kitchens changed 274 percent from 665,000 to 2,490,000. Much of this change is assumed to be a result of the changes in the questions.

Starting in 1984, units reported in the category “complete kitchen facilities” in the printed books had to have an oven. For the microdata files, an oven was not required to be included in the category “complete kitchen facilities.” The definition of “Complete kitchen facilities” in Appendix A of the printed books incorrectly omits that the oven was required in the publication.

1997. The questions concerning each component of kitchen facilities were redesigned in 1997. Prior to 1997, the questions the respondents answered contained a definitional instruction to the field representative that the equipment was for this household’s use only. The field representative, however, did not read this instruction to the respondent. Beginning in 1997, the instruction “this household’s use only” is no longer a part of the question for each kitchen component. In its place, the field representative asked, when the respondent lived in a unit in a multiunit structure, if any of the kitchen equipment was shared with another household. This change caused large increases in the number of units lacking complete kitchen facilities and large decreases in the number of units with complete kitchen facilities.

Location of previous unit.

1995. 1995 data were suppressed, because it was not possible to code the metropolitan area of the previous unit consistently with the location of the current unit. The data involved comparing the metropolitan area of the previous residence with the current residence’s location. The AHS current residence is coded by its 1983 metropolitan area (see Metropolitan areas, Appendix A). Since 1993, the Census Bureau has not been able to code the previous residence with comparable 1983 boundaries, because of updated geographic coding systems. Therefore, this item has been suppressed to avoid spurious changes. (The 1993 national data were not suppressed, but it is unclear whether they were correctly coded.)

Lodgers.

1984. A new series of questions concerning lodgers was introduced. Lodgers were defined as household members 14 years or older who are not related to the householder, not co-owners or co-renters, and are not a spouse or child of a co-owner or a co-renter. The respondent was asked if the lodger(s) paid a regular, fixed rent and if so what the dollar cost was and if it included food. The questions were intended to measure the cost of housing for the lodger(s). In this as well as earlier and later years, any lodger’s rent received by the householder should be reported as rental income, but it is not certain whether householders do or did so.

1985. The phrase “as a lodger” was added to the questions concerning rent paid. The universe for these questions remained the same, but the wording was changed to make the question clearer.

1993. Questions concerning non-relative housing costs were added to replace the questions about lodgers. This change modified not only the questions in the survey but also the universe. The new questions were targeted to all household members 14 years or older who are not related to the householder. The new questions included any housing costs paid by the non-relative (not only rent).

1995. The non-relative sharing housing costs questions were dropped and the lodgers questions used in the 1985 survey were reintroduced using the 1984 definition of lodgers.

1997. The questions concerning lodgers were asked in accordance with the 1984 definition of lodgers. In addition, these questions were also asked of adult relatives. Adult relatives are defined as relatives 21 years or older who are not a co-owner or co-renter and are not a spouse of a co-owner or co-renter. The data for these adult relatives are available on the microdata, but the publication only reflects data collected from the lodgers.

1999. Lodger questions were no longer asked of adult relatives (see 1997 above). In addition, the age cutoff in the definition of lodger was changed from 14 years or older to 16 years or older. See also the definition “Rent paid by lodgers” in Appendix A.

Losses.

1975 and 1976. The figures for housing units lost from the housing stock between 1973 and 1975 or 1976, published in the 1975 and 1976 national books, are incorrect. These figures were corrected in 1977 and published in *General Housing Characteristics for the United States and Regions: 1977*, series H150/77.

Main house heating fuel.

1999. In 1997, the type of gas used (piped versus bottled) as a main house heating fuel was inadvertently omitted for vacant housing units. In 1999, the distinction was reinstated.

Married-couple families.

1985 and 1987. The published 1985 and 1987 national estimates of married-couple families with no nonrelatives were overestimates resulting from a processing error. The 1985 overestimate was approximately 340,000, while the 1987 overestimate was 407,800. The overestimated married-couple families with no nonrelatives should have been tabulated under two-or-more-person households as either “other male” or “other female” householders. This error was corrected in 1989. Table I provides corrected figures for 1987.

Metropolitan areas and central cities.

1984. Books and microdata started using 1983 boundaries. This change increased the number of metropolitan units, especially suburbs, and decreased the number of nonmetropolitan units. These boundaries were established in 1983, based on population and commuting patterns measured in the 1980 census. Therefore, the 1984 AHS metropolitan boundaries are not comparable to those in the 1980 census publications.

National microdata started showing central city and suburban status in all cases. Also, cases in more areas have the identifying code for their area shown, because of less strict confidentiality constraints than in the past (areas of 100,000 population may be identified; the previous rule was 250,000).

Metropolitan microdata always identify the total area surveyed, but not necessarily the newer central cities, to protect confidentiality. When an area of less than 100,000 people was added to an AHS Metropolitan survey, sample cases were added there, and extra sample cases also were added in part of the old area, so no one would know which cases were in the small added area.

From 1973-83 all books and microdata had consistently used 1971 boundaries of metropolitan areas and cities. These were called Standard Metropolitan Statistical Areas. The criteria were published by the U.S. Bureau of Budget in *Standard Metropolitan Statistical Areas, 1959*. The boundaries were published in the U.S. Bureau of Budget in *Standard Metropolitan Statistical Areas, 1967* (which also reprinted the criteria), and some boundaries were revised in the Office of Management and Budget’s (formerly U.S. Bureau of the Budget) *Second Amendment*, February 23, 1971. These same boundaries were used in publications from the 1970 census.

Table I. **Estimate of Married-Couple Families With No Nonrelatives and Other Two-or-More-Person Households: 1987**

Characteristic	Estimate
Married-couple families, no nonrelatives	50,084,000
Other two-or-more-person households	18,853,000
Male householder	6,421,000
Female householder	12,432,000

Note that major revisions in official SMSA boundaries (but not AHS boundaries) were made in 1973, using results of the 1970 census, additional revisions were made during the 1970s, and more major revisions occurred in 1983. Therefore, the AHS revision in 1984 reflected the cumulative result of 12 years of changes in official definitions.

1995. Starting in 1995, most metropolitan surveys use new samples and new boundaries, which for the first time may differ from standard boundaries published by the Office of Management and Budget. A list of exactly which counties (towns in New England) are covered in each metropolitan survey each year is printed in each metropolitan book.

Mobile homes.

1984. Mobile homes with attached permanent rooms began to be counted as mobile homes, while previously they were counted as single family units. Mobile homes with attached permanent rooms are identified separately in the microdata. See the discussion in this appendix under the topic “Housing unit definition.”

1985. See the discussion in this appendix under the topic “Weighting.”

Monthly expenses, additional help.

1998. Beginning in 1998, additional questions were asked of renters when the ratio of monthly housing costs as percent of current income is high. Rental households receiving housing assistance that report spending more than 35 percent of their income on housing, or rental households not receiving housing assistance with incomes less than \$15,000 that report spending more than 50 percent of

their income on housing were asked questions on assistance for food, clothing, car and transportation expenses, child care, medical care or medicine, and utility bills. They were asked to specify the type of help they received, and if the help was not cash, whether they could determine a dollar value. Because of confidentiality, no dollar amount was released on the microdata file, only the types of help. The data were not published but are available on the microdata file.

Monthly housing costs.

1984, 1989, and 1995. See the discussion in this appendix under the topic "Housing costs and value."

Mortgage.

1999. The "reverse mortgage" item under "Mortgages currently on property" was eliminated.

Name change.

1984. The AHS changed its name from the Annual Housing Survey to the American Housing Survey. See the introduction of this appendix.

Neighborhood.

1987, 1989, and 1997. See the discussion in this appendix under the topic "Buildings and neighborhood."

New construction.

1976, 1977, and 1978. The figures for 1973-76 new construction, 1973-77 new construction, and 1973-78 new construction published in the 1976, 1977, and 1978 national books are incorrect. These figures were corrected in 1979 and published in Part A, *General Housing Characteristics for the United States and Regions: 1979*, series H150/79.

1984. In 1984 and later AHS reports, 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 year. In the national survey, this was a 1-year period except for the 1983 survey, which covered a 2-year period. In the metropolitan survey, this varied from being a 3- to 4-year period.

Other buildings vandalized or with interior exposed.

1987, 1989, and 1997. See the discussion in this appendix under the topic "Buildings and neighborhood."

Other housing costs per month.

1995. A processing error was discovered and corrected involving the category "homeowner association fee paid." The "homeowner association fee paid" data in the 1993 and earlier were incorrect and should not be used. The 1995 data are correct.

1999. Several processing errors were discovered and corrected for the category "homeowner association fee paid." The 1997 and 1998 data published for this category are incorrect. In 1997 and 1998, "homeowner association fee paid" was incorrectly tallied for mobile homes. In addition, the processing of data for units that are not mobile homes was done incorrectly. The 1997 and 1998 data should not be used. The 1999 data are correct.

Persons other than spouse or children.

1993. See the discussion in this appendix under the topic "Lodgers."

Plumbing facilities. Use caution when making comparisons among any of the surveys after 1983.

1984. Changes in the questionnaire resulted in serious deficiencies in plumbing data. In 1983 and earlier, respondents were asked a question on complete plumbing facilities that specified to the respondent the components necessary for complete plumbing (that is, 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.

Starting in 1984, respondents were first asked how many full bathrooms they had. If they answered one or more, questions on plumbing facilities were not asked; the unit was assumed to have complete plumbing facilities for exclusive use. Although the 1984-87 definition of a bathroom specified hot and cold piped water, a sink, a flush toilet, and a bathtub or shower, this definition was not read to the respondent. Also, nothing in the question required the bathroom to be only for the use of the occupants of the sample unit (exclusive use). We believe that the 1984-87 AHS counted a significant number of units as having complete plumbing for exclusive use because respondents for these units reported having a bathroom when, in fact, either the bathroom did not contain all plumbing facilities or the facilities were shared by people living in another unit. Based on previous years' AHS data, we believe the "completeness" was more of a problem than "exclusive use."

The table on plumbing facilities was suppressed in books starting in 1985 (though data were still included in severe physical problems, see below). Data for 1984 were published but are incorrect.

1989. Beginning in the 1989 national survey (1990 metropolitan surveys), the questionnaire items on bathrooms and plumbing were modified to provide more accurate estimates. Respondents were asked, "How many full bathrooms with a sink, with hot and cold piped water, a flush toilet, and a bathtub or shower does this house/apartment have?" Also, an additional question was asked, "Are the

bathrooms for this household's use only?" If the respondent reported no bathrooms, detailed questions on each required plumbing facility were asked separately.

In 1989, there were 3,139,000 year-round housing units in the United States lacking complete plumbing facilities for exclusive use. Prior to 1985, there was a downward trend of units lacking complete plumbing facilities, with 1983 showing 2,233,000 such units. Units lacking plumbing may not have increased between 1983 and 1989, for the 1989-91 figures may be too high, as noted below in the discussion of changes in 1993.

Units lacking complete plumbing facilities are included in the count of units with severe physical problems. The number of units with severe physical problems may have been underestimated in both national and metropolitan surveys in 1984-90. It also appears the units with moderate problems may have been overestimated.

There was an unrealistic increase in units with severe problems in the United States between 1985-89 because of redesigning the plumbing facilities question, and then an unrealistic drop in 1993. Occupied housing units with severe problems went from 1,559,000 in 1985 to 3,161,000 in 1989 and 1,901,000 in 1993. There was a simultaneous decrease in moderate problems, from 5,814,000 in 1985 to 4,442,000 in 1989, which may be unrealistic, but no corresponding increase in 1993. Figures are shown in Table J. This increase also affected medians as Table K shows.

1993. In 1993, questionnaire item 29c on bathrooms for exclusive use was modified to provide more accurate estimates. The wording of the answer options to this question

was changed to specify whether or not there was exclusive use of the facilities. This change appears to have caused a one-third drop in plumbing problems, compared to 1991 and a similar drop in severe physical problems. Although the decrease between 1991 and 1993 seems unrealistic, the change in the 1993 questionnaire probably resulted in a better estimate.

1997. The definition of a complete bathroom was removed again from the original question (as in 1985-87), though the definition was still available in a help screen. Later in the questionnaire, for homes with only one bathroom, AHS asked specifically if the bathroom had hot and cold water, flush toilet, and bathtub or shower.

For households with more than one toilet, the 1997 questionnaire mistakenly asked about times when *the* toilet was unusable, instead of times when *all* toilets were unusable. The 1997 breakdown data and counts of moderate physical problems may therefore include many units where another toilet was indeed usable.

1998. See the discussion in this appendix under the topic "Flush toilet breakdowns."

Poverty.

1984. The AHS 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). Table L presents the differences.

Table J. **Measures of Plumbing and Other Problems**

Year	Year-round units with plumbing problems	Occupied units with selected physical problems			
		Severe problems		Moderate problems	Total with severe or moderate problems
		Plumbing ¹	Total		
1973	3,573,000	2,471,000			
1974	3,036,000	2,281,000			
1975	2,706,000	2,076,000			
1976	2,661,000	1,944,000			
1977	2,542,000	1,805,000			Not published
1978	2,503,000	1,791,000			
1979	2,353,000	1,715,000			
1980	2,359,000	1,753,000			
1981	2,375,000	1,760,000			
1983	2,233,000	1,621,000			
1985	–	660,000	1,559,000	5,814,000	7,373,000
1987	–	574,000	1,224,000	5,184,000	6,408,000
1989	3,139,000	2,529,000	3,161,000	4,442,000	7,603,000
1991	2,849,000	2,278,000	2,874,000	4,531,000	7,405,000
1993	1,814,000	1,379,000	1,901,000	4,225,000	6,126,000
1995	1,993,000	1,459,000	2,022,000	4,348,000	6,370,000

– Means not applicable.

¹Lacks any of the following, inside the structure, for exclusive use of occupants of this housing unit: hot piped water, cold piped water, flush toilet, bathtub (shower is an acceptable alternative).

Table K. **Types of Units With Severe Physical Problems**

Median	1985	1989
Year structure built	1938	1955
Rooms	4.0	4.8
Square footage	948	1,389

Table L. **Households in Poverty in AHS and CPS: 1985, 1987, and 1989**

Year	AHS	CPS
1985	13,266,000	11,996,000
1987	11,969,000	11,807,000
1989	12,403,000	11,369,000
1985-87 change	-1,297,000	-189,000
1987-89 change	434,000	-438,000

Compared with the CPS, the AHS drop in poverty between 1985 and 1987 seems too large. The 1987-89 AHS increase in poverty may be, in part, a compensation for the unrealistic 1985-87 drop.

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 memoranda for the record, "AHS Poverty Data, 1985 to 1989" and "Comparison of the 1989 AHS and CPS Income Reporting." Copies can be obtained by writing to the Housing and Household Economic Statistics Division, U.S. Census Bureau, Washington, DC, 20233.

Analysts are reminded 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.

Public elementary school.

1997. Satisfaction with the public elementary school was no longer asked at all households with children under 17. It was only asked if the household had a child 13 years old or younger. This change was caused by a desire to focus on households that would be most knowledgeable about elementary schools. A mistake prevented covering all such households.

1999. In 1998 and earlier years, the question on type of school attended was asked of households with children ages 4 to 16. In 1999, the question was asked of households with children ages 5 to 15. The answer category "does not attend school" was replaced with "schooled at home." However, instructions to the field representative defined both answer categories as the same, meaning children who did not attend school were entered into the "schooled at home" category.

Questionnaire.

1984. A new questionnaire was introduced in 1984. Most of the changes on the questionnaire were made to improve the quality of the data. As a result, however, several items in 1984 and beyond are not comparable to similar data for 1973-83; a discussion of each item can be found in the appendix under the topic of the same name.

Items changed on 1984 questionnaire:

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

Some new items were introduced in 1984 including lot size, square footage, units with severe or moderate problems, elderly householder, heating degree days (national sample only), and detailed information on mortgages. For detailed definitions of these and other items, please see Appendix A.

1995. A number of new items were introduced in the 1995 questionnaire to improve the quality of the data.

New items in the 1995 questionnaire:

- Rooms used for business
- Homes currently for sale or rent
- Safety of primary source of water
- Source of drinking water
- Rent paid by lodgers
- Home equity loan

1997. Computer assisted personal interviewing was introduced in the 1997 AHS using laptop computers. See the discussion in this appendix under the topic "Computer assisted interviewing."

For copies of questions used in the laptop computers call HUD USER at 800-245-2691 or the American Housing Survey Branch, U.S. Census Bureau at 301-457-3235.

1999. A series of new procedures changed the way data were collected for many items. These changes were:

- Dependent interviewing was greatly expanded in 1999. For a discussion of dependent interviewing and a list of the data items affected, see the discussion in this appendix under the topic "Dependent interviewing."
- The procedures for collecting data were changed for four items. See the discussions in this appendix under the topics "Income," "Lodgers," "Public elementary schools," and "Rooms in units." A correction was made for vacant housing units to the item "Main house heating fuel"; see the discussion in this appendix under that title.

A number of new items was introduced in the 1999 survey. For detailed definitions of these items, please see Appendix A. The items are:

- Bodies of water within 300 feet
- Building and ground maintenance
- Building neighbor noise
- Location of extra unit
- Nights owner spent at extra unit
- Nights owner rented extra unit
- Reasons for extra unit owned
- Renter maintenance quality

A few items were eliminated in the 1999 survey. They are:

- Adequate inside maintenance
- Buildings and grounds properly maintained
- Reverse mortgages

Race.

1995. Beginning in the 1995 national and 1996 metropolitan surveys, two new categories were added to this item: “American Indian, Eskimo, and Aleut” and “Asian and Pacific Islanders.”

Reasons for leaving previous unit.

1998. There was an error in the computer program for the laptop in 1997. As a result, data for the categories “private displacement” and “government displacement” were not collected. In 1998, the error was corrected and data were published.

The questionnaires have been published for reference as shown in the Table M.

Table M. **Reprints and Indexes of Questionnaires**

Year	Printed books	Codebook					Questionnaire Compendium		Questionnaire Directory
		Volume 1	Volume 2		Volume 3		Reprints	Index	Index
		Reprints	Reprints	Index	Reprints	Index			
1973	Occ, Vac	-	-	-	-	-	Card, Occ, Vac	*	*
1974-81	Occ, Vac	-	-	-	-	-	Card, Occ, Vac	*	*
1983	Occ, Vac,	-	-	-	-	-	-	-	*
1984	Card, Occ, Vac	-	-	*	-	-	-	-	*
1985 National.	Card, Occ, Vac	Card, Occ, Vac	-	*	-	-	-	-	-
1985 Metro . . .	Card, Occ, Vac	-	-	*	-	-	-	-	-
1986-92	Card, Occ, Vac	-	-	*	-	-	-	-	-
1993-94	Card, Occ, SU	-	-	*	-	-	-	-	-
1995 National.	Card, Occ, SV	-	Card, Occ, SV	*	-	-	-	-	-
1995 Metro . . .	Card, Occ, SV	-	-	*	-	-	-	-	-
1996	Card, Occ, SV	-	-	*	-	-	-	-	-
1997	-	-	-	-	Card, Occ, Vac	*	-	-	-
Notes	-	-	-	-	-	-	900 pages HUD USER #2270 ntis#pb8 2175845	-	300 pages HUD USER #5599

- Means not applicable. * An alphabetical index to the questions is provided.

Abbreviations:

Card: Control Card with introductory questions and household members

Occ: Questions for occupied units

Vac: Questions for vacant units, noninterviews, and URE (temporary home, people have usual residence elsewhere)

SU: A few special questions for URE are printed, only questions that differ from occupied units

SV: A few special questions for Vacant and URE are printed, only questions that differ from occupied units

Downloadable/machine-readable questions are only available for 1997. Many of the other books listed above are downloadable, but those downloadable versions exclude the questionnaires (except for the 1997 questionnaire in *Codebook*, volume 3).

Recent movers.

1984. In the 1984 AHS 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 for the metropolitan samples 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 that 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 survey years prior to 1988, answers of “yes” to rent control in metropolitan areas not in one of the above mentioned States are errors.

Rent reductions.

1999. In the publication, the item “Rent reductions” is tabulated differently for renter-occupied units from how it was in 1998 and earlier years. Although the tabulation was changed in the publication, the data on the microdata file for each component of this publication item remain the same. The change is not a result of any change in the data collection procedure.

Research after the 1998 survey has shown that it is possible for a unit to be both subsidized and either under rent control or having the rent reduced by the owner. For example, the respondent may receive a voucher from the government to help pay the rent and still live in a rent-controlled unit. The procedure used in 1997 and 1998 relied heavily on the respondents’ answers to the questions on rent control and owner reduction. As a result, a large number of units that could have been tallied as “Other, income verification” and therefore “subsidized” were not. A smaller but significant number of units were tallied as “Other, income verification,” which should not have been so classified.

The classification of units as “Other, income verification” in the AHS publications is dependent on the answers respondents gave to a long list of subsidy questions. The tabulations attempt to estimate the number of units that are believed to be subsidized, but for which the type of subsidy is unknown. Past research using AHS data has shown that many respondents are not sure if their units are subsidized or, if subsidized, what type the subsidy may be. A unit that is classified as “Other, income verification” could be a unit that is owned by a public housing authority, a unit receiving some other form of government subsidy, or a unit subsidized by a private organization.

In 1997 and 1998, the classification “Other, income verification” required that the respondent did not answer that the unit was owned by a public housing authority or was part of a specific type of subsidy program and also answered the following:

- “Yes” to the question: “As a part of your rental agreement, do you need to answer questions about your income whenever your lease is up for renewal?”
- Any answer except: “A public housing authority or a state or local housing agency” to the question, “To whom do you report your income?”
- “No” to the question: “Do you pay a lower rent because the government is paying part of the cost of the units?”
- “No” to the question: “Does the government limit the rent on the unit through rent control or rent stabilization?”
- “No” to the question: “Is the rent adjusted because someone in the household works for or is related to the owner?”

In 1999, the tabulation procedures were changed. The classification “Other, income verification” now requires that the respondent did not answer that the unit was owned by a public housing authority or was part of a specific type of subsidy program and also answered the following:

- “Yes” to the question: “As a part of your rental agreement, do you need to answer questions about your income whenever your lease is up for renewal?”
- Either “A building manager or landlord” or “a public housing authority or a state or local housing agency” to the question “To whom do you report your income?”

Table N presents 1999 rent reduction data using both the old procedures and the new 1999 procedures for renter-occupied units. The new procedures provide an

Table N. Rent Reductions Using Old and New Procedure for the United States: 1999

Category	Old	New
Total, renter-occupied	34,007,000	34,007,000
No subsidy	27,093,000	26,942,000
Rent control	1,033,000	884,000
No rent control	25,888,000	26,023,000
Reduced by owner	1,865,000	1,851,000
Not reduced by owner	23,905,000	24,054,000
Owner reduction not reported	118,000	117,000
Rent control not reported	173,000	36,000
Owned by public housing authority	1,865,000	1,865,000
Government subsidy	2,062,000	2,062,000
Other, income verification	1,910,000	2,277,000
Subsidy not reported	1,078,000	862,000

improved count of the category “Other, income verification.” The data using the old procedures should be used, however, when trying to measure historical change, especially between 1997 and 1999.

Under the new tabulation procedure, there are 517,000 units that are classified as “Other, income verification” that under the old procedure were classified as:

- Renter control: 149,000
- Rent control not reported: 137,000
- Reduced by owner: 14,000
- Owner reduction not reported: 1,000
- Subsidy not reported: 216,000

Also, under the new tabulation procedure, there are 149,000 units that are classified as “Not reduced by owner” that were classified as “Other, income verification” under the old procedure.

Rooms.

1984. The number of year-round units with one or two rooms in the United States dropped from 4,056,000 in 1983 to 2,486,000 in 1985. As a result, the median number of rooms per unit increased from 5.1 to 5.3; this does not necessarily indicate an increase in the average size of housing units. In the 1983 AHS, respondents answered a single question asking for a total count of rooms in the unit. The potential to miss specific rooms is high in a question of this type. In the 1984 and later surveys, respondents were asked for a count of each specific type of room. The answers to these questions were then added together in the tabulations to provide a total count of rooms. Far fewer rooms were missed in this series of questions, which has apparently resulted in lower counts of one- and two-room units. It is also possible, however, that a few rooms may have been double counted. For example, a living room also may have been counted as a family room for a count of two rooms when only one room actually exists.

1997. Unfinished rooms were excluded from the published total number of rooms, but the count of unfinished rooms was available separately in the microdata. Respondents were asked for number of rooms not only by type of room, but also by floor. Research had shown this approach was helpful for large homes, but it may have caused confusion and double counting in small homes.

1997, 1998, and 1999. The data for rooms published in 1997 and 1998 are not comparable to the data published in 1999 and before 1997. The approach used in 1997 and 1998 resulted in a much lower count of one-room housing units and housing units with no bedroom as shown in Table O.

Table O. **One-room Units and Units With No Bedrooms in AHS: Selected Years**

Area and year	One-room units	Units with no bedrooms
United States		
1999	624,000	1,250,000
1997	471,000	619,000
1995	862,000	1,519,000
San Francisco-Oakland, CA		
1998	25,300	30,200
1993	35,500	73,900
San Jose, CA		
1998	3,400	4,400
1993	4,900	8,800
Tampa-St. Petersburg, FL		
1998	1,700	3,000
1993	3,800	8,900
Salt Lake City, UT		
1998	400	500
1992	900	2,400
Baltimore, MD		
1998	900	900
1991	2,800	5,200
Cincinnati, OH-KY-IN		
1998	700	700
1990	4,600	7,500

The 1997-98 approach had the respondent count each type of room for each floor of the housing unit for a total of up to five floors (the fifth includes five or more floors). For example, a count of the total number of bedrooms was obtained for the first, second, third, fourth, and fifth floors. These counts were then added together to get a total count of bedrooms. This same procedure was followed for each type of room (living room, dining room, family room etc.). The final room counts were then added together to get a total for the housing unit. In addition, a special probe at very small units (those with no bedrooms, baths or half bath, and kitchens) asked if any of these rooms were missed. These procedures evidently produced larger counts of rooms for the smaller units. The low counts in 1997 and 1998 of one-room units and units having no bedrooms do not reflect any change in the characteristics of the housing inventory that might have occurred between these years and earlier or later years. Housing units that should have been counted as one-room units or as having no bedrooms in 1997 and 1998 were counted as having more than one room and/or having one or more bedrooms.

In 1999, the procedure was changed. The room counts by floor were eliminated. Room counts of each type were collected for the housing unit as a whole. These room counts were added together to produce a total count of rooms. Also, the probe was modified to ensure that one-room units were not underreported. If the respondent reported that there were no bedrooms, no kitchens, and zero to one living room in the unit, the field representative

did not probe about these rooms. The field representative also did not ask the respondent for a count of family rooms, recreation rooms, dens, laundry rooms, or any other furnished or unfurnished rooms. This reduced the possibility of a one-room unit being counted as a two-or-more room unit by erroneously reporting multiple uses of the same room (e.g., counting a one-room unit as having a living room and a bedroom because the only room was being used as both). The 1999 data for the United States are an improvement over what were collected in 1997 and 1998 but still may not be entirely comparable to the data collected prior to 1997.

Rooms used for business.

1999. As a result of a data collection error, data for this item in 1997 and 1998 were not published. In 1999, the previously suppressed items were corrected and published.

Sample.

1985. A new sample was chosen for the national survey from the 1980 census. The previous sample, selected from the 1970 census, was used from 1973-83. To the degree that the coverage of housing units is different between the 1970 and the 1980 censuses, comparisons of the results of the 1973-83 surveys with the results of the 1985 and later surveys may be affected.

1987. Houston had a new sample based on the 1980 census, because AHS sampling techniques did not accommodate its rapid annexations. The previous sample was based on the 1970 census.

1995. A new sample was chosen for the metropolitan surveys from the 1990 census, except in six areas that were covered as part of the 1995 national survey, and therefore have samples based on the 1980 census. The previous metropolitan samples, based on the 1970 census, were used from 1974-94.

All samples are updated continuously to cover new construction. See also Weighting in the appendix, and the discussion of sample design in Appendix B.

Sample size.

1995. The item "sample size" was added to Table 2-1 of published books. The sample size shown in the book is the unweighted count of the actual sample cases. See Appendix B for a more detailed explanation on sample design.

School. See the discussion in this appendix under the topic "Public elementary school."

Selected geographic areas.

1995. The published data for the item "Selected Geographic Areas" in Table 2-1 were found to be incorrect for four of the 1995 metropolitan reports because of errors in processing. Corrected data can be obtained by writing to

the Housing and Household Economic Statistics Division, U.S. Census Bureau, Washington, DC 20233 or by calling 301-457-3235. The problems with the data were as follows:

Chicago. The data for the three counties not listed in "Selected Geographic Areas" were incorrectly distributed among the data for the five counties that were listed. All published county data for Chicago were incorrect.

New York. The data for the three counties not listed in "Selected Geographic Areas" were incorrectly added to the data for the last county listed, Westchester County. Published data for the first seven counties listed were correct. Data for Westchester County were incorrect.

Northern New Jersey. The data for the first ten counties listed were published correctly. Data for the last county listed, Union County, was incorrectly left off the table.

Philadelphia. No data were published for Philadelphia.

Severe and moderate problems.

1989. The data concerning units with severe and moderate problems in the 1989 national survey (1990 metropolitan surveys) and beyond are not comparable with similar data published earlier. 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 1985-89 national (1984-90 metropolitan) time period. During the same time period, units with moderate problems may have been overestimated.

Sewage disposal breakdowns.

1998. There was an error in the computer program for the laptop in 1997. As a result, data on sewage disposal breakdowns were collected for only 95 percent of the eligible households. Although the universe was incomplete, the data were published because the households answering the questions did so correctly. In 1998, the error was corrected and all eligible households were asked the questions.

Source of water.

1992. In 1985-91, 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 instructions became part of the question. From 1992 forward, the number of units reporting "Some other source of water" increased apparently as a result of the wording change in 1992. Therefore, data from 1985-91 and 1992 and later should be compared with caution.

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 in the metropolitan reports because of the complexity of matching geographic files over long periods of time.

Stories in structure.

1987, 1989, and 1997. See the discussion in this appendix under the topic “Buildings and Neighborhood.”

Telephone interviewing.

1981. Beginning in 1981, decentralized telephone interviewing was conducted in the national survey for a sample of units that were in sample during the previous enumeration. As a result of analysis conducted in both 1981 and 1983, the Census Bureau concluded that data collected using the decentralized telephone interviewing procedures were not sufficiently different from data collected by regular personal interviews to preclude basing published data on both telephone and personal interview data. Also, see the discussion in this appendix under the topics “Buildings and neighborhood” and “Computer assisted interviewing.”

Time sharing.

1993. A programming error was discovered and corrected for the item “Time sharing.” In the 1991 national survey, the wrong universe was used. As a result, the published 1991 estimates of time-shared units were too low. Use caution when making comparisons with the 1991 AHS national survey and later national surveys.

Trash, litter, or junk on streets or any property.

1987, 1989, and 1997. See the discussion in this appendix under the topic “Buildings and neighborhood.”

Units in structure.

1984. From 1973 through 1983, 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 1984 and beyond, data on units in structure were based on the respondent’s answers to a series of questions. The method of collecting units-in-structure data was revised, because previous AHS experience showed the concept to be difficult for the respondents. Respondents particularly had difficulty distinguishing between single-family, attached, and multiunit structures.

As a result of this change, the estimated number of one-unit attached structures declined in some MSAs between interview dates of 1984 and later compared with

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 multiunit structures.

The Census Bureau estimated that the 1983 AHS-National sample overestimated single-family, detached units by 125,000 and single-family, attached units by 696,000. The 1983 AHS-National sample underestimated units in multiunit structures by approximately 898,000. Table P provides revised levels of 1983-85 growth by adding 1983 overestimates and subtracting 1983 underestimates to the 1983-85 change shown in Table Q.

Urban, rural, and population.

1985. From 1973-83, national books and data files use 1970 populations and 1971 boundaries to define urban and rural areas. Starting in 1985, national books and data files use 1980 populations and 1981 boundaries. 1990 and 1991 data are never used for this topic. (This topic only applies to national surveys, not metropolitan surveys.)

Utilities.

1989. Two procedures were introduced that attempt to correct the overreporting of electricity and gas costs in the AHS. 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 were 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.

Table P. Change in the Year-Round Housing Inventory by Units in Structure: 1983-85

Units in structure	1983	1985	1983-85 change
Single-family detached	57,029,000	58,773,000	1,744,000
Single-family attached	4,453,000	4,451,000	-2,000
2 or more units in structure	26,193,000	28,128,000	1,935,000

Table Q. Revised Change in the Year-Round Housing Inventory by Units in Structure: 1983-85

Units in structure	1983-85 change	Add 1983 over-estimate	Subtract 1983 under-estimate	1983-85 revised change
Single-family detached	1,744,000	125,000	-	1,869,000
Single-family attached	-2,000	696,000	-	694,000
2 or more units in structure	1,935,000	-	898,000	1,037,000

The backup procedure was applied to the remaining units. If the respondents did not know the amount of their electricity and/or gas bills for at least 3 of the 4 months, their estimate of average monthly costs was used. A factor was then applied that, in effect, lowered these costs to make the total cost from all households 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 asked only to provide an estimate of average monthly costs. Research done using the 1987 AHS showed 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. 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. 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 2, 3, or 4 months, the following procedure was used. The monthly data were adjusted using regression formulas, modeled after the results of the Residential Energy Consumption Survey (RECS), sponsored by the Department of Energy, to estimate yearly costs that were then divided by 12.

If the respondent provided data for only 1 month, the following procedure was used. The data for the month were adjusted using regression formulas to estimate yearly costs that were then divided by 12. Because only 1 month of real cost was provided, these formulas modeled after the RECS results also 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.

If the respondent answered “no” that he or she did not have separate records for the electricity (or gas), the same backup procedure was used as described for 1989.

Vacant units.

1984. See the discussion in this appendix under the topics “Housing unit definition” and “Weighting.”

Value.

1984. See the discussion in this appendix under the topic “Housing costs and value.”

Weighting. Appendix B describes the process of weighting the data to represent the country as accurately as possible. The last steps in weighting involve ratios to make AHS data match other sources. Table R shows that the sources of these control totals have changed.

1979-83. The 1980-based national estimates are about 2 percent larger than the 1970-based estimates. This 2-percent effect was equally distributed among all types of units. Therefore, percentages and medians should be comparable throughout 1973-83.

1985. The 1980 census count of occupied units in the United States was adjusted for undercount and projected to 1985 using the 1980-85 Current Population Survey’s rate of change. The Census Bureau then ratio-estimated the 1985 AHS-National sample to this number. The procedure used in 1985 resulted in 200,000 additional occupied units that would not have been estimated if the 1983 procedures had been employed in 1985.

Also, all vacant units were adjusted for undercount for the first time. This adjustment added 400,000 vacant units (98,000 seasonal units and 302,000 year-round vacant units) to the housing inventory.

Beginning with 1985, national estimates of mobile homes with a model year of 1980 or later were ratio-estimated into independent counts of mobile home placements from the Survey of Mobile Home Placements. The counts of mobile homes for 1983 and earlier years may be too low and lead to unrealistically high estimates of change between 1985 and earlier years. For example, occupied mobile homes grew from 3,999,000 in 1983 to 4,754,000 in 1985, an increase of 755,000. This level of growth seems excessive as data from the Survey of Mobile Home Placements shows approximately 570,000 new mobile homes placed for residential use during the same time period.

1991. On average, the 1990-based national weighting produces numbers that are about 2.5 percent lower than 1980-based weighting. This effect is not equally distributed among all types of units. Table S shows the effects of the weighting change by region for the year 1991.

Table T presents counts of occupied homes using 1990-based weighting. This weighting is consistent with the weighting used to produce the 1991 and later detailed tables in Chapters 1 through 10 of the national books. These data should be used when measuring the change in the size of the occupied inventory. These data provide the most accurate count of the total number of occupied homes in the United States for the years 1985, 1987, and 1989.

Wiring.

1997. Plastic coverings began to be counted as acceptable, along with metal coverings, because the building industry accepts them. This change should reduce the count of “exposed wiring” reported in 1995.

Table R. **Sources of Control Totals for AHS**

Survey	Census used as basis	Method of updating
NATIONAL SURVEYS		
1973-80	1970	Current Population Survey
1981-83	1980	Current Population Survey
1985-89.....	1980	Current Population Survey, 1980 under count, mobile home placements
1991 and later .	1990	Formula, please see Appendix B
METROPOLITAN SURVEYS		
1974-75.....	1970	Utility companies' data
1976-78	No controls (except that the 1977 Pittsburgh survey used the 1974-75 method)	
1979-80.....	1970-80	Interpolation
1981-83	1980	Building + demolition permits or no controls, depending on local judgment
1984-88 California.....	State of California, Department of Finance	
1984-88 Outside California.....	1980	Total population by county, and estimated change in household size by state (described in <i>Proceedings of the Bureau of the Census Second Annual Research Conference</i> , 1986, pages 83-110)
1989.....	1980-90	Interpolation between 1985 estimate (methodology on previous line) and 1990 census
1990.....	1980-90	Extrapolation
1991 and later .	1990	Census Bureau data on construction, mobile home placement, vacant units, lost units

Table S. **1991 AHS: Decrease in Estimates From 1980-Based Weighting to 1990-Based Weighting, as Percent of 1980-Based**

Type of unit	United States	North-east	Mid-west	South	West
Total housing unit ...	2.5	3.6	2.7	2.0	1.8
Occupied	2.4	3.5	2.7	2.0	1.7
Built 1980 or later	0.1	0.0	0.1	0.1	0.1
Built before 1980	2.9	3.9	3.1	2.6	2.2
Vacant	2.9	4.6	2.8	2.4	2.4

Table T. **Occupied Housing Units Using 1990-Based Weighting: 1985, 1987, and 1989**

[Numbers in thousands]

Characteristic	1985		1987		1989	
	Owner	Renter	Owner	Renter	Owner	Renter
United States ..	54,394	31,279	56,649	31,885	58,193	32,809
Northeast. ...	10,922	7,106	11,418	7,089	11,660	7,011
Midwest.....	14,226	7,242	14,696	7,133	15,122	7,234
South.....	19,217	9,876	19,985	10,190	20,627	10,694
West.....	10,030	7,056	10,550	7,472	10,784	7,870
Race						
White and other.....	50,222	25,866	52,323	26,253	53,772	26,924
Black	4,172	5,413	4,326	5,632	4,420	5,885

Year householder moved into unit.

1999. A change was made in the way data for the year the householder moved in was processed. This change allows the year the householder moved in to be earlier than the year the structure was built for mobile homes. The change was made to accommodate mobile home householders who purchased a new mobile home but were still living in the same site, making the year their structure was built later than the year they moved in.

Appendix D. Errors

All numbers from the American Housing Survey (AHS), except for sample size, are estimates. As in other surveys, errors come primarily from the following:

- Incomplete data (Incomplete data are adjusted by assuming that the respondents are similar to those not answering, and the size of these errors is estimated.)
- Wrong answers (The U.S. Census Bureau does not adjust for wrong answers and does not estimate the size of the errors.)
- Sampling (Sampling errors are not adjusted and the size of the error is estimated.)

Incomplete data and wrong answers are usually the largest source of errors, larger than sampling errors. For example, in the American Housing Survey–National (AHS-N), the changes in weighting in 1981 and 1991 (see Appendix C) corrected some of the error due to incomplete data. That one correction averaged 2.5 percent in 1991. Worse errors from incomplete data and from wrong answers apply to some items, discussed below.

Additional information on the quality of AHS data can be obtained from the U.S. Census Bureau, *American Housing Survey: A Quality Profile*, Series H121/95-1.

INCOMPLETE DATA

Coverage errors. Because of deficiencies with our sampling lists, the homes in the survey do not represent all homes in the country. The Census Bureau attempts to adjust for the deficiencies by raising the raw numbers from the survey proportionally, so that the numbers published here match independent estimates of the total number of homes. The approximate housing unit undercoverage rates for the 1998 metropolitan areas range from less than 1 percent to 4.4 percent. The approximate housing unit undercoverage rates for the 1999 AHS-National metropolitan areas range from less than 1 percent to 3.1 percent. Housing unit undercoverage is about 1.9 percent for the 1999 AHS-N.

The independent estimates changed around 2.5 percent in both 1981 and 1991 (after the 1980 and 1990 censuses, respectively), which implies that some error existed in the years just before the adjustment. The next correction will be after Census 2000. Before adjustments, undercoverage varies from 2 percent to 20 percent for

Table U. **Poorly Covered Units**

Type of unit	Type of deficiency
Mobile homes, boats, and recreational vehicles (RVs)	No coverage of new mobile home parks, new marinas, and new RV parks since April 1980 for AHS-N or April 1990 for AHS-MS, in areas where addresses are complete and permits are required for new construction.
Conventional new construction	No coverage of permits issued fewer than 8 months before interviewing or homes built without permits where permits are required. In addition, eligible units could be missed and ineligible units included because of incorrect answers to questions used to screen out ineligible units.
New construction in special places (for example, college campuses, prisons, etc.)	Not covered in either permit-issuing or nonpermit-issuing areas.
Group quarters and houses moved in	Eligible units could be missed because of incorrect answers to questions used to screen out ineligible units.
Conversions from nonresidential units	AHS-N: Minimal coverage of nonresidential units in buildings with no living quarters at the time of the 1980 census that converted to housing units by 1991 (and no coverage since 1991) in areas where addresses are complete and permits are required for new construction. AHS-MS: Nonresidential units at the time of the 1990 census that converted to residential units were missed.
Within-structure additions	Some extra apartments created illegally or occupied by fugitives are probably missed because people do not report them for fear of penalties.
Whole structure additions not covered by permit sampling	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.

major categories of units (see Table 2 in Appendix D of *American Housing Survey for the United States in 1995*) but is usually less than 2 percent, on average. Table U lists units that have known coverage deficiencies.

Missing data. Some people refuse the interview or some of the questions, or do not know the answers. When the entire interview is missing, other similar interviews represent the missing ones (see Appendix B). For most missing

answers, an answer from a similar household is copied.¹ The Census Bureau does not know how close the imputed values are to the actual values. For other items, “not reported” is used as an answer category. The items with the most missing data are primarily those that people forget or consider personal: mortgages, other housing costs, and income.

Incompleteness can cause large errors since, when even 10 percent of homes are missed by a particular question, they represent about 10 million homes that have to be estimated *on little or no basis* (there are about 100 million homes in the United States). The survey estimates them by assuming that they are like some group of homes that did give data, an assumption that is *never exactly true* although it is usually better than ignoring the homes with the missing data. Thus, it is not surprising that large biases, as shown in Tables V1, V2, and V3 in the tables section, are possible when the survey has data for only 50 to 90 percent of homes for particular items. Again, readers should be wary of items with highly incomplete data.²

Rates of completeness were not computed for 1999. Table 2 in Appendix D of *American Housing Survey for the United States in 1995* gives the completeness rates for 1995. Due to the change in data collection methodology, the rates for 1999 may be higher or lower than in the past. However, the items that were most incomplete in 1995 are probably still the most incomplete for 1999.

Effect on income. The nonsampling errors interact particularly badly for income. Income questions are inconsistently answered (Table W), incompletely answered, and the totals fall short of totals known from the National Income Accounts, especially for the elderly.³

Change over time. Several aspects of the AHS make estimates of change from previous data unreliable. These changes may elicit different answers from the past, even if nothing changed in the housing unit. Wording and question order for most questions changed. Also, the questionnaire now runs on interviewers' portable computers (as described in Appendix C), resulting in the following possible changes:

- The correct questions should be asked. Skip patterns will be followed more accurately.
- Inconsistent answers (such as reporting a move-in date before the date built) are probed during the interview, rather than just being changed in later computer processing, so these problems should be resolved more accurately.
- In AHS-N, for some questions, large changes from prior year data are probed during the interview, to reduce mistaken measurements of large change.
- Some respondents may dislike the presence of the computer, though interviewers do not report many problems.
- It is now a little harder for interviewers to go back to a question much earlier in the questionnaire if a respondent suddenly remembers something.

In the future, the Census Bureau may try to estimate the net effects of these differences.

WRONG ANSWERS

Wrong answers happen because people misunderstand questions, cannot recall the correct answer, or do not want to give the right answer. Table W shows which items have been measured for inconsistency when people are reinterviewed after a few weeks. The actual survey did not catch and reconcile these inconsistencies and continuously occurring errors are not measured at all. Thus, 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.
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. For the 1998 AHS-MS and the 1999 AHS-N, the wording for some questions changed. This change is expected to lower the level of inconsistency for the changed items. The numbers in Table W 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 15 means a correlation of 85 percent, which is good. This is the correlation between answers to the same question, usually from the same respondents, a month apart. Wrong answers create wrong results and mean that data about groups (for example, income groups) are

¹Hot deck allocation is used: an answer is copied from the most recently processed similar household before the household with the missing item.

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: $1.645 \times (.0012 \times U + .0363 \times (\text{lesser of } A \text{ or } U - A))$ where A is any count from the AHS and U is the total number of housing units in the U.S. or metropolitan area (both 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 (see “Where to Get AHS Data”).

³Data are in the *Codebook for the American Housing Survey Volume 1*, available from HUD USER. Newer comparisons, though for a different survey, are in *Money Income of Households Families, and Persons in the United States: 1992*, Series P60-184, pages C12-C14, available from the Superintendent of Documents (see “Where to get AHS data”).

infected with data from people who really are not like the group at all. Errors are especially troublesome for rare items for which even small errors overwhelm the true data. Readers should be wary of drawing firm conclusions from items with high levels of inconsistency or from categories smaller than a few million homes.

Possible effects of telephone interviewing on the data. A new sample was selected for the 1998 AHS-MS. All interviews were initial interviews (never interviewed before). A subset of the 1998 sample was interviewed by telephone. This was the first time that the AHS allowed initial interviews to be conducted by telephone. It is not known what, if any, effect telephone interviewing had on the 1998 results.

SAMPLING ERRORS

Definition. Errors from sampling reflect how estimates from a sample vary from the actual value. (Note: “actual value” means the value derived if all housing units had been interviewed under the same conditions, rather than only a sample.) A confidence interval is a range that contains the actual value with a specified probability. The range of nonsampling error is usually larger than this confidence interval.

Counts. Most numbers from the AHS are counts of housing units (for example, units with basements or units with elderly persons). These counts have error from sampling. As with the other types of errors, readers should be wary of numbers with large errors from sampling.

Table X1 gives a convenient list of errors for a range of numbers for 1999 AHS-N. The error from sampling cannot be known exactly. For numbers not in Table X1, the error from sampling is approximated using the following formula for constructing a 90-percent confidence interval:

$$1.645 \times \sqrt{4.74 \times A - .000041 \times A^2}$$

where A is a number (a count of units in thousands) from the AHS. This formula is an overestimate for most items. For more accurate estimates, use the formula in Table Y.

For example if A is 200:

$$1.645 \times \sqrt{4.74 \times 200 - .000041 \times 200 \times 200} = 50$$

The 90-percent confidence interval can then be formed by adding and subtracting this error to the survey estimate of 200 (that is, 200 plus or minus 50). Statements such as “the actual value is in the range 200 plus or minus 50 (150 to 250),” are right 90 percent of the time and wrong 10 percent of the time.⁴

⁴The formula in the text is based on 1.645 times the standard error from sampling. This formula gives “90-percent confidence interval errors.” For 95-percent confidence interval errors, multiply by 1.960 instead of 1.645; for 99-percent confidence, multiply by 2.576 instead of 1.645.

Numbers in the book are printed in thousands, so 200 means 200,000. The formulas are designed to use numbers directly from the book; do not add zeros. The result is also in thousands, so 50 means 50,000.

Tables X2 and X3 give a list of errors for a range of numbers for the 1999 AHS-National metropolitan areas and the 1998 AHS-MS, respectively. For numbers not found in this table, interpolate between the numbers in the table or use the appropriate formula from Table Z for the 1998 AHS-MS and the 1999 AHS-National metropolitan areas. Remember, in any case, that the total error is larger than the sampling error.

Percents. Any subgroup can be shown as a percent of a larger group. For AHS-N, the error from sampling for a 90-percent confidence interval for this percent is:

$$1.645 \times \sqrt{4.74 p (100 - p) / A}$$

where p is the percent; A is the denominator, or base of the percent in thousands.

For example, the error from sampling for a 90-percent confidence interval for 40 percent of 200 (meaning 200,000) is:

$$1.645 \times \sqrt{4.74 \times 40 \times 60 / 200} = 12.4$$

Statements such as “the actual percent is in the range 27.6 percent to 52.4 percent” are right 90 percent of the time.

This formula is an overestimate for most items. To get a more accurate estimate for AHS-N, replace the first number under the square root sign above with the first number under the square root sign of the formula for the appropriate universe in Table Y.⁵

For AHS-MS and AHS-National metropolitan areas, use the appropriate formula in Table AA.

Note that when a ratio C/D is computed when 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.⁶

Medians. The steps in Table BB calculate the error from sampling for a 90-percent confidence interval for a median. This is an approximation to the error.

For small bases the confidence interval on medians can not be estimated reliably. To estimate a median’s sampling error more accurately, find the sampling error on 50 percent as described in Table CC and compute the 90-percent confidence interval.

⁵This formula is actually $1.645 \times \sqrt{(p(100-p)/n)}$, since 4.74/A adjusts the data to the effective sample size.

⁶The error from sampling for a 90-percent confidence interval for a ratio C/D is

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

when the error for C should be interpreted as the error for a 90-percent confidence interval for C. Likewise, the error for D should be interpreted as the error for a 90-percent confidence interval for D.

Differences. Two numbers from the AHS, 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.⁷

Formulas for Error From Sampling. The letter “A” in the formulas in Tables Y, Z, and AA represents a number (a count of units in thousands) from AHS, (see the “Counts” section for an example of how “A” is used). For AHS-N, the minimum error from sampling is ±10 (meaning ±10 thousand).⁸ If a formula gives an error smaller than 10, use 10.

For a 90-percent confidence interval on zero for the 1998 AHS-MS, refer to Table X3, where the size of the estimate is zero. For a 90-percent confidence interval on zero for the 1999 AHS-N metropolitan areas, refer to Table X2. If a formula gives an error smaller than the error for zero, use the error for zero.

The formulas give the errors for a 90-percent confidence interval. For a 95-percent confidence interval, multiply by 1.960 instead of 1.645; for a 99-percent confidence interval, multiply by 2.576 instead of 1.645.

For AHS-N, if an item falls into two different categories in Table Y, use the formula that gives the largest error. For example, for Hispanics’ income in the South, use the formulas for the South (since there is no specific formula for income and errors for the South will be bigger than those for Hispanics). For the following neighborhood characteristics, use the neighborhood formulas:

- Opinion of neighborhood
- Street noise or traffic
- Neighborhood crime
- Odors
- Other bothersome neighborhood conditions
- Public elementary school
- Public transportation
- Neighborhood shopping
- Police protection
- Parking lots

⁷When ranges of error from sampling 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

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

The error for the first and second numbers should be interpreted as the error for a 90-percent confidence interval for the first and second numbers respectively.

⁸This minimum formula is based on the binomial 90-percent confidence interval on zero $U \times (1 - .1^{4.74/U}) = 10$ (where U is the total number of homes from the AHS). For a 95-percent confidence interval, substitute .05 for .1 in the above formula. For a 99-percent confidence interval, substitute .01 for .1. More discussion and other approximations are in the paper “Sampling Errors for Small Groups” available from HUD USER (see “Where to Get AHS Data”).

- Description of area (except open space, park, farm, or ranch) within 300 feet
- Age of other residential buildings within 300 feet
- Other buildings vandalized or with interior exposed within 300 feet
- Bars on windows of buildings within 300 feet
- Conditions of streets within 300 feet
- Trash, litter, or junk on streets or any properties within 300 feet
- Mobile homes in group

For the following items, which have larger standard errors, use the special characteristics formulas:

- Cooperatives or condominiums
- No complete bathroom
- Less than 1,500 square feet of detached one-family or mobile homes
- Well serving 1 to 5 units
- Mobile homes in a group
- Area within 300 feet includes open space, park, farm, or ranch
- Septic tank, cesspool, chemical toilet
- Five or more acres in lot size
- No bedroom
- Lacking complete kitchen facilities
- Lacking some plumbing facilities
- No flush toilet
- Major street repairs needed

Table V1. Errors for Incomplete Data Bias: 1999 AHS-N

[Numbers in thousands]

When the AHS gives one of the following numbers—	The chances are 90 percent that the complete value ¹ is inside the range of plus or minus
0	226
10	227
100	232
1,000	286
2,500	375
5,000	524
10,000	822
25,000	1,715
50,000	3,203
75,000	2,608
100,000	1,119
115,000	226

¹“Complete value” means the value derived if there were no missing data.

Table V2. Errors for Incomplete Data Bias: 1999 AHS-N Metropolitan Areas

[Numbers in thousands]

Size of estimate	Chicago, IL	Detroit, MI	Los Angeles-Long Beach, CA	New York-Nassau-Suffolk-Orange, NY	Northern New Jersey	Philadelphia, PA-NJ
0	6.0	3.7	6.5	9.1	4.9	4.0
10	6.6	4.3	7.0	9.7	5.5	4.6
25	7.5	5.2	7.9	10.6	6.4	5.5
50	9.0	6.7	9.4	12.1	7.9	7.0
100	12.0	9.6	12.4	15.0	10.9	9.9
300	23.9	21.6	24.3	26.9	22.8	21.8
500	35.8	33.5	36.2	38.9	34.7	33.8
700	47.7	45.4	48.1	50.8	46.6	45.7
1,100	71.5	49.9	71.9	74.6	70.4	59.1
1,200	77.5	44.0	77.9	80.5	76.4	53.1
1,400	89.4	32.1	89.8	92.4	70.5	41.2
2,000	69.2	NA	82.6	128.1	34.8	5.5
2,500	39.4	NA	52.8	135.0	5.0	NA
3,000	9.6	NA	23.0	105.3	NA	NA
3,500	NA	NA	NA	75.5	NA	NA
4,000	NA	NA	NA	45.8	NA	NA
4,500	NA	NA	NA	16.0	NA	NA

NA means no error estimates are provided because the estimate is larger than the estimated total number of housing units in the MSA.

Table V3. Errors for Incomplete Data Bias: 1998 AHS-MS

[Numbers in thousands]

Size of estimate	Baltimore, MD	Birmingham, AL	Boston, MA-NH	Cincinnati, OH-KY-IN	Houston, TX	Minneapolis-St. Paul, MN-WI	Norfolk-Virginia Beach-Newport News, VA-NC	Oakland, CA	Providence-Pawtucket-Warwick, RI-MA	Rochester, NY	Salt Lake City, UT	San Francisco, CA	San Jose, CA	Tampa-St. Petersburg, FL	Washington DC-MD-VA
0	2.0	0.8	2.6	1.3	3.0	2.3	1.2	1.8	0.8	0.9	0.9	1.4	1.2	2.2	3.6
10	2.6	1.4	3.2	1.9	3.6	2.9	1.8	2.4	1.4	1.5	1.5	2.0	1.8	2.8	4.2
100	8.0	6.7	8.6	7.2	9.0	8.2	7.2	7.7	6.8	6.8	6.8	7.3	7.1	8.2	9.5
250	16.9	9.3	17.5	16.2	17.9	17.1	16.1	16.6	10.7	12.7	12.4	16.3	16.0	17.1	18.5
500	31.8	NA	32.4	10.1	32.8	32.0	9.1	25.3	NA	NA	NA	13.3	6.6	32.0	33.3
750	18.6	NA	38.1	NA	47.7	26.1	NA	10.4	NA	NA	NA	NA	NA	25.4	48.2
1,000	3.7	NA	23.2	NA	35.6	11.2	NA	NA	NA	NA	NA	NA	NA	10.5	52.2
1,250	NA	NA	8.4	NA	20.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	37.4
1,500	NA	NA	NA	NA	5.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.5
1,600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	16.5

NA means no error estimates are provided because the estimate is larger than the estimated total number of housing units in the MSA.

Table W. **Different Answers a Month Apart**

Item	Level of inconsistency ¹	Confidence interval ²	When measured ³
HIGH LEVEL OF INCONSISTENCY			
Other kinds of heating equipment (central warm-air)	91	(73 - 100)	89-MS
Mortgage payment includes anything else (first mortgage)	90	(72 - 111)	90-MS
Water came in from other places	81	(64 - 100)	89-MS
Moved for other, financial/employment	80	(62 - 104)	85-MS
Moved for other, housing related	79	(65 - 97)	85-MS
Poor city/county service in neighborhood	78	(63 - 95)	89-MS
Police protection problem in neighborhood	78	(63 - 95)	89-MS
Number of business rooms with direct access to outside	76	(63 - 91)	95-N
Moved for other reasons	73	(64 - 85)	85-MS
Number of other rooms	73	(64 - 83)	95-N
Difficulty hearing with or without a hearing aid	72	(59 - 88)	95-N
Rooms used both as business space and for something else	70	(62 - 80)	95-N
Cost for routine repairs and maintenance	70	(65 - 75)	95-N
Moved for better quality house	69	(58 - 82)	85-MS
Moved for other family/personal related	68	(54 - 86)	85-MS
Cost for water supply and sewage disposal	68	(61 - 76)	81-N
Lower cost State or local mortgage	67	(54 - 83)	95-N
Other problem in neighborhood	67	(61 - 74)	89-MS
Number of living rooms	66	(53 - 82)	95-N
Shed, detached garage, or other building added or replaced in last 2 years	66	(49 - 88)	95-N
Water safe for drinking	66	(56 - 77)	95-N
Undesirable industries/businesses in neighborhood	66	(54 - 82)	89-MS
Difficulty reaching kitchen facilities	65	(49 - 87)	95-N
Number of family rooms, dens, recreation rooms and/or libraries	65	(57 - 75)	95-N
Rats	65	(54 - 69)	89-MS
Difficulty opening, closing, or going through any doors of home	64	(46 - 87)	95-N
Noise in neighborhood	64	(57 - 72)	89-MS
Difficulty moving between rooms	64	(49 - 84)	95-N
Number of business rooms without direct access to outside	64	(54 - 76)	95-N
Peeling paint on the ceiling	63	(49 - 80)	81-N
Other kinds of heating equipment (none)	63	(60 - 67)	89-MS
How LIKELY to move to place prefer to live in 5 years	62	(54 - 71)	85-MS
Difficulty reaching bathroom facilities	62	(47 - 82)	95-N
Other kinds of heating equipment (unvented room)	62	(45 - 86)	89-MS
Difficulty seeing with or without glasses or contact lenses	60	(49 - 72)	95-N
How LIKELY to still be living in this unit in 5 years	60	(49 - 74)	85-MS
Gross income	59	Not available	82-MS
Number of days worked at home	59	(49 - 72)	95-N
Patio, terrace, or detached deck added or replaced in last 2 years	58	(42 - 81)	95-N
Electric fuses or breaker switches blown	58	(50 - 68)	81-N
Open cracks or holes in building	58	(47 - 72)	81-N
People in neighborhood	57	(52 - 62)	89-MS
Other major repairs over \$500 each—repair done	57	(50 - 64)	85-MS
Work done in last 2 years to attic, basement, garage, or unfinished area of home	56	(44 - 71)	95-N
Difficulty going up and down steps	56	(46 - 69)	95-N
Central air conditioning/dehumidifier	56	Not available	80-N
Satisfactory police protection	55	(49 - 62)	77-N
Moved for lower rent or less expensive house to maintain	55	(43 - 70)	85-MS
Broken plaster or peeling paint	55	(46 - 65)	89-MS
Water came in from walls, doors, windows	55	(45 - 67)	89-MS
A working electric wall outlet	55	(42 - 71)	77-N
Home equity loans	55	(48 - 64)	95-N
Other kinds of heating equipment (fireplace with no insert)	54	(49 - 59)	89-MS
Shopping	54	(47 - 61)	77-N
Special modifications, equipment, or assistance needed because of physical limitation	54	(44 - 66)	95-N

Table W. **Different Answers a Month Apart**—Con.

Item	Level of inconsistency ¹	Confidence interval ²	When measured ³
HIGH LEVEL OF INCONSISTENCY —Con.			
Difficulty entering and exiting home	54	(43 - 67)	95-N
Broken plaster on the ceiling	53	(40 - 70)	81-N
Water came in from roof	53	(46 - 60)	89-MS
Driveways or walkways added or replaced in last 2 years	53	(42 - 67)	95-N
Difficulty with personal activities—bathing/showering	53	(42 - 66)	95-N
Payments the same during whole length of the mortgage	52	(46 - 59)	85-MS
Difficulty with personal activities—cooking and preparing food	52	(41 - 66)	95-N
Other major repairs over \$500 each—someone in household do work	51	(36 - 72)	85-MS
Number of hours worked at home as self-employed, contract worker, or business owner	51	(43 - 61)	95-N
Litter in neighborhood	51	(44 - 60)	89-MS
Which best describes place at that time	51	(46 - 55)	85-MS
Rate the place (10 categories)	51	(49 - 53)	89-MS
Main reason moved	51	(47 - 55)	85-MS
Yearly cost for garbage	51	(43 - 62)	81-N
MODERATE LEVEL OF INCONSISTENCY			
Holes in the floors	50	(33 - 74)	81-N
Type of vacant	50	(38 - 65)	81-N
Cookstove or range with oven	50	(39 - 64)	85-N
Public transportation	50	(44 - 56)	77-N
Oil, coal, kerosene, wood and any other fuel cost	50	(40 - 64)	81-N
Other kinds of heating equipment (other built-in electric)	50	(38 - 66)	89-MS
Central air fuel	50	(40 - 63)	85-N
At age 16, live in this area/different place	50	(44 - 57)	85-MS
Difficulty with personal activities—housework/laundry	50	(41 - 61)	95-N
Do work at home	50	(43 - 58)	95-N
Traffic in neighborhood	49	(43 - 54)	89-MS
Moved to establish own household	48	(38 - 59)	85-MS
Rate the place (categories 1-6 combined)	48	(46 - 51)	89-MS
Fencing or walls added or replaced in last 2 years	48	(37 - 61)	95-N
Drive to work alone or with others	48	(38 - 59)	95-N
Real estate taxes	47	(33 - 67)	81-N
Other kinds of heating equipment (portable electric)	47	(41 - 54)	89-MS
Central air conditioning/none	47	Not available	80-N
Crime in neighborhood	47	(41 - 53)	89-MS
Bathroom or kitchen remodeled in last 2 years	46	(39 - 54)	95-N
Fixed place of work	46	(37 - 57)	95-N
Any additions built—repair done	46	(35 - 61)	85-MS
Water came in from basement	45	(38 - 55)	89-MS
Any other rooms	45	(42 - 49)	95-N
Moved to change from owner to renter/renter to owner	44	(36 - 55)	85-MS
Five years from now, would you prefer living in this area or someplace else	44	(32 - 60)	80-N
Major equipment, such as furnace or central air replaced or added—repair done	44	(35 - 55)	85-MS
Major disaster in last 2 years required repairs	44	(31 - 60)	95-N
Water leaked into home from outdoors	43	(39 - 47)	89-MS
Concealed wiring	43	(33 - 57)	89-MS
Other kinds of heating equipment (fireplace with insert)	43	(35 - 52)	89-MS
Rate the place (4 combined categories)	43	(41 - 46)	89-MS
Difficulty with personal activities—grooming/dressing	43	(30 - 60)	95-N
Siding replaced or added in last 2 years—repair done	42	(32 - 56)	85-MS
Moved to be closer to school/work	41	(32 - 53)	85-MS
Yearly cost of insurance (reported in \$100 increments to \$1,000)	41	(38 - 44)	89-MS
Heat breakdown	41	(30 - 56)	89-MS
Heating equipment broke down for 6 hours or more	41	(30 - 56)	89-MS
Public elementary school satisfactory	40	(34 - 47)	89-MS
Cost for real estate taxes	40	(35 - 46)	81-N

Table W. **Different Answers a Month Apart—Con.**

Item	Level of inconsistency ¹	Confidence interval ²	When measured ³
MODERATE LEVEL OF INCONSISTENCY—Con.			
Mice or rats or signs of	40	Not available	76-N
House/apartment cold for 24 hours	40	(36 - 45)	89-MS
Central air conditioning/portable fan	40	Not available	80-N
Current mortgage same year as bought home	39	(27 - 56)	85-MS
Mode of transportation to work last week	38	(31 - 46)	95-N
Anything about the neighborhood that bothers you	38	(35 - 41)	89-MS
Prefer to be living in another home in this area in 5 years	38	(31 - 48)	85-MS
Change in taxes/insurance/principal balance	37	(28 - 51)	85-MS
Number of mortgages on home/property	36	(28 - 47)	95-N
Other kinds of heating equipment (stove)	36	(28 - 47)	89-MS
Costs for gas for the month of August	35	(24 - 54)	89-N
Bathrooms remodeled or added—repair done	35	(28 - 45)	85-MS
All or part of roof replaced in last 2 years—repair done	35	(29 - 42)	85-MS
Married, widowed, divorced, or separated	35	Not available	85-MS
Number of dining rooms	35	(32 - 38)	95-N
Highest level of school/degree	34	(32 - 35)	95-N
New storm doors or storm windows bought and installed—repair done	33	(27 - 41)	85-MS
Moved because needed larger house or apartment	33	(26 - 41)	85-MS
Number of homes source of water serving	33	(22 - 49)	95-N
Insulation added—repair done	32	(25 - 44)	85-MS
Kitchen remodeled or added - repair done	32	(25 - 41)	85-MS
House and lot sell on today's market	31	(29 - 34)	90-MS
Moved for new job or job transfer	30	(22 - 39)	85-MS
Average monthly cost for gas	29	(23 - 37)	89-N
Average monthly cost for electricity	28	(24 - 34)	89-N
Type of mortgage (for the first mortgage/loan) (non-CATI) ⁴	27	(21 - 36)	89-N
Change based on interest rates	26	(18 - 38)	85-MS
Year the building was built	25	Not available	85-MS
All or part of roof replaced in last 2 years—someone in household do work	25	(15 - 44)	85-MS
Number of family rooms	25	(21 - 30)	85-N
Mortgage payment include homeowner's insurance (first mortgage)	24	(21 - 27)	90-MS
Prefer to be living in this house/apartment/someplace else	24	(20 - 29)	85-MS
Number of half bathrooms	24	(20 - 27)	95-N
Clothes washer age	22	(19 - 25)	85-N
How many years for mortgage	22	(17 - 29)	85-MS
LOW LEVEL OF INCONSISTENCY			
Attend a public school or a private school	19	(15 - 25)	89-MS
New storm doors or storm windows bought and installed—someone in household do work	19	(11 - 35)	85-MS
Garbage disposal age	18	(15 - 22)	85-N
Refrigerator age	18	(16 - 20)	85-N
Heating equipment broke	18	(9 - 34)	89-MS
Clothes dryer age	18	(15 - 21)	85-N
Oven/cooking burner age	18	(16 - 21)	85-N
Monthly payment (first mortgage)	16	(14 - 18)	90-MS
Insulation added—someone in household do work	16	(8 - 33)	85-MS
New storm doors or storm windows bought and installed—job cost	15	(8 - 32)	85-MS
Mortgage payment include property tax (first mortgage)	15	(12 - 18)	90-MS
New/assumed mortgage	15	(11 - 22)	85-MS
How much was borrowed	14	(11 - 18)	85-MS
Monthly payment (for first mortgage/loan) (non-CATI) ⁴	14	(11 - 19)	89-N
Mortgage, home equity loan or other loan on this house/ apartment	14	(11 - 17)	95-N
Dishwasher age	14	(11 - 17)	85-N
Number of full bathrooms	13	(11 - 15)	95-N
Where was mortgage borrowed (non-CATI) ⁴	13	(7 - 28)	89-N
How much was borrowed (for the first mortgage/loan) (non-CATI) ⁴	13	(10 - 17)	89-N
Number of bedrooms	12	(11 - 14)	95-N

Table W. **Different Answers a Month Apart**—Con.

Item	Level of inconsistency ¹	Confidence interval ²	When measured ³
LOW LEVEL OF INCONSISTENCY —Con.			
Clothes dryer fuel	12	(9 - 14)	85-N
Have property insurance	12	(10 - 14)	89-MS
Number of room air conditioners	11	(9 - 15)	85-N
Room air conditioners	10	(8 - 12)	85-N
Interest rate on the mortgage (for the first mortgage/loan) (non-CATI) ⁴ ...	10	(7 - 15)	89-N
Source of water serving 15 or more homes	10	(8 - 13)	95-N
Kitchen remodeled or added—someone in household do work	9	(3 - 26)	85-MS
Number of units in building	8	(6 - 9)	85-N
Clothes washer	8	(6 - 9)	85-N
Living quarters	8	(6 - 9)	85-N
Source of water	8	(6 - 11)	95-N
Dishwasher	6	(5 - 7)	85-N
Garbage disposal	5	(4 - 7)	85-N
Number of apartments	5	(4 - 8)	85-N
Central air conditioning	5	(4 - 6)	85-N
Clothes dryer	5	(4 - 7)	85-N
Cooking fuel	5	(4 - 6)	85-N

¹Levels are in percents. They are nearly the same as 100 minus the correlation between answers in the original interview and the reinterview a month later. For example, an inconsistency of 80 means a correlation of 20 percent, which is not good.

²Square brackets show 90-percent confidence intervals. Parentheses show 95-percent confidence intervals (used in 1988 and before).

³Measured in national surveys (N) or metropolitan surveys (MS).

⁴CATI is computer-assisted telephone interviewing; where shown, inconsistency was measured separately for CATI and non-CATI interviews.

Table X1. **Errors From Sampling: 1999 AHS-N**

[Numbers in thousands]

When the AHS gives one of the following numbers—	The chances are 90 percent that the actual value is inside the range of plus or minus
0	10
10	11
100	36
1,000	112
2,500	177
5,000	247
10,000	341
25,000	500
50,000	601
75,000	580
100,000	415
115,000	88

Source: These errors were computed based on a formula in Table Y with high error. This table represents a conservative example.

Table X2. **Errors From Sampling to Compute a 90-Percent Confidence Interval: 1999 AHS-N Metropolitan Areas**
(Numbers in thousands)

Size of estimate	Chicago, IL	Detroit, MI	Los Angeles- Long Beach, CA	New York- Nassau-Suffolk- Orange, NY	Northern New Jersey	Philadelphia, PA-NJ
0	1.1	1.1	1.1	2.4	2.3	1.1
10	5.4	5.4	5.4	7.9	7.8	5.4
25	8.6	8.5	8.6	12.5	12.4	8.5
50	12.1	12.0	12.1	17.7	17.4	12.0
100	16.9	16.7	16.9	24.9	24.4	16.8
300	28.3	27.3	28.4	42.1	40.4	27.5
500	35.2	32.9	35.4	53.1	49.8	33.4
700	40.0	36.0	40.4	61.3	55.8	36.8
1,100	45.7	36.7	46.5	72.8	61.8	38.6
1,200	46.5	35.8	47.4	74.9	62.2	38.0
1,400	47.4	32.4	48.7	78.5	61.8	35.8
2,000	45.3	NA	48.0	84.6	49.9	8.7
2,500	36.9	NA	41.8	85.1	4.1	NA
3,000	13.6	NA	27.2	81.5	NA	NA
3,500	NA	NA	NA	73.2	NA	NA
4,000	NA	NA	NA	58.1	NA	NA
4,500	NA	NA	NA	26.8	NA	NA

NA means no error estimates are provided because the estimate is larger than the estimated total number of housing units in the MSA.

Table X3. **Errors From Sampling to Compute a 90-Percent Confidence Interval: 1998 AHS-MS**

[Numbers in thousands]

Size of estimate	Baltimore, MD	Birmingham, AL	Boston, MA-NH	Cincinnati, OH-KY-IN	Houston, TX	Minneapolis-St. Paul, MN-WI	Norfolk-Virginia Beach-Newport News, VA-NC	Oakland, CA	Providence-Pawtucket-Warwick, RI-MA	Rochester, NY	Salt Lake City, UT	San Francisco, CA	San Jose, CA	Tampa-St. Petersburg, FL	Washington DC-MD-VA
0	0.6	0.2	0.9	0.4	0.9	0.7	0.4	0.5	0.3	0.3	0.3	0.4	0.3	0.7	1.1
1	0.9	0.5	1.0	0.7	1.0	0.9	0.7	0.8	0.5	0.6	0.6	0.7	0.6	0.9	1.1
5	1.9	1.2	2.2	1.6	2.3	2.0	1.5	1.8	1.2	1.3	1.2	1.6	1.4	2.0	2.5
10	2.7	1.7	3.1	2.2	3.2	2.8	2.1	2.5	1.7	1.8	1.7	2.2	2.0	2.8	3.5
25	4.2	2.6	4.9	3.5	5.1	4.4	3.2	3.9	2.6	2.8	2.7	3.5	3.1	4.4	5.6
50	5.9	3.5	6.9	4.8	7.1	6.2	4.5	5.4	3.6	3.8	3.7	4.8	4.3	6.1	7.8
100	8.1	4.6	9.6	6.5	9.9	8.6	6.0	7.4	4.7	5.0	4.9	6.5	5.8	8.4	10.9
300	12.4	4.5	15.2	8.9	15.9	13.4	8.2	11.1	5.0	5.7	5.5	9.2	7.7	13.1	17.7
500	13.6	NA	17.7	7.5	18.8	15.1	6.7	11.7	NA	NA	NA	8.4	5.6	14.8	21.3
700	12.7	NA	18.3	NA	20.1	14.9	NA	9.7	NA	NA	NA	0.6	NA	14.5	23.2
1,000 ...	4.3	NA	16.0	NA	19.3	10.2	NA	NA	NA	NA	NA	NA	NA	9.7	23.7
1,200 ...	NA	NA	11.4	NA	16.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.6
1,400 ...	NA	NA	NA	NA	11.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	20.0
1,600 ...	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	15.4
1,800 ...	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.5

NA means no error estimates are provided because the estimate is larger than the estimated total number of housing units in the MSA.

Table Y. **Formulas for 90-Percent Confidence Intervals: 1999 AHS-N**

Characteristics	General formulas— All characteristics except those listed under other formulas	Other formulas	
		Fuels, heating/cooling equipment and neighborhood characteristics	Special characteristics
Total units, elderly, new construction, vacants, Northeast, Midwest, West	$1.645 \times \sqrt{2.48 \times A - 0.000022 \times A^2}$	$1.645 \times \sqrt{4.74 \times A - 0.000041 \times A^2}$	$1.645 \times \sqrt{5.53 \times A + 0.000605 \times A^2}$
Central city, mobile homes, Hispanic, urban, suburbs, Black	$1.645 \times \sqrt{2.48 \times A - 0.000022 \times A^2}$	$1.645 \times \sqrt{2.48 \times A - 0.000022 \times A^2}$	$1.645 \times \sqrt{3.52 \times A + 0.000924 \times A^2}$
Rural, South, outside (P)MSAs	$1.645 \times \sqrt{3.12 \times A - 0.000027 \times A^2}$	$1.645 \times \sqrt{4.74 \times A - 0.000041 \times A^2}$	$1.645 \times \sqrt{5.53 \times A + 0.000605 \times A^2}$

Table Z. **Formulas for 90-percent Confidence Intervals¹: 1998 AHS-MS**

MSA	The formula is:
1998 AHS-MS	
Baltimore, MD	
Mobile home estimates	$1.645 \times \sqrt{(.405 \times A) - (.024994 \times A^2)}$
All other estimates ²	$1.645 \times \sqrt{(.270 \times A) - (.000263 \times A^2)}$
Birmingham, AL	
Mobile home estimates	$1.645 \times \sqrt{(.180 \times A) - (.005367 \times A^2)}$
All other estimates ²	$1.645 \times \sqrt{(.105 \times A) - (.000266 \times A^2)}$
Boston, MA-NH	
Mobile home estimates	$1.645 \times \sqrt{(.515 \times A) - (.037632 \times A^2)}$
All other estimates ²	$1.645 \times \sqrt{(.370 \times A) - (.000275 \times A^2)}$
Cincinnati, OH-KY-IN	
Mobile home estimates	$1.645 \times \sqrt{(.315 \times A) - (.014593 \times A^2)}$
All other estimates ²	$1.645 \times \sqrt{(.185 \times A) - (.000286 \times A^2)}$
Houston, TX	
Mobile home estimates	$1.645 \times \sqrt{(.620 \times A) - (.009146 \times A^2)}$
All other estimates ²	$1.645 \times \sqrt{(.390 \times A) - (.000252 \times A^2)}$
Minneapolis-St. Paul, MN-WI	
Mobile home estimates	$1.645 \times \sqrt{(.445 \times A) - (.015859 \times A^2)}$
All other estimates ²	$1.645 \times \sqrt{(.300 \times A) - (.000261 \times A^2)}$
Norfolk-Virginia Beach-Newport News, VA-NC	
Mobile home estimates	$1.645 \times \sqrt{(.255 \times A) - (.010117 \times A^2)}$
All other estimates ²	$1.645 \times \sqrt{(.160 \times A) - (.000253 \times A^2)}$
Oakland, CA	
Mobile home estimates	$1.645 \times \sqrt{(.320 \times A) - (.019269 \times A^2)}$
All other estimates ²	$1.645 \times \sqrt{(.230 \times A) - (.000257 \times A^2)}$
Providence-Pawtucket-Warwick, RI-MA	
Mobile home estimates	$1.645 \times \sqrt{(.165 \times A) - (.029162 \times A^2)}$
All other estimates ²	$1.645 \times \sqrt{(.110 \times A) - (.000265 \times A^2)}$
Rochester, NY	
Mobile home estimates	$1.645 \times \sqrt{(.175 \times A) - (.008538 \times A^2)}$
All other estimates ²	$1.645 \times \sqrt{(.120 \times A) - (.000268 \times A^2)}$
Salt Lake City, UT	
Mobile home estimates	$1.645 \times \sqrt{(.115 \times A) - (.007892 \times A^2)}$
All other estimates ²	$1.645 \times \sqrt{(.115 \times A) - (.000259 \times A^2)}$
San Francisco, CA	
Mobile home estimates	$1.645 \times \sqrt{(.235 \times A) - (.039167 \times A^2)}$
All other estimates ²	$1.645 \times \sqrt{(.185 \times A) - (.000264 \times A^2)}$

Table Z. **Formulas for 90-percent Confidence Intervals¹: 1998 AHS-MS—Con.**

MSA	The formula is:
1998 AHS-MS—Con.	
San Jose, CA	
Mobile home estimates	$1.645 \times \sqrt{(.150 \times A) - (.006167 \times A^2)}$
All other estimates ²	$1.645 \times \sqrt{(.150 \times A) - (.000254 \times A^2)}$
Tampa-St. Petersburg, FL	
Mobile home estimates	$1.645 \times \sqrt{(.375 \times A) - (.001870 \times A^2)}$
All other estimates ²	$1.645 \times \sqrt{(.290 \times A) - (.000255 \times A^2)}$
Washington, DC-MD-VA	
Mobile home estimates	$1.645 \times \sqrt{(.740 \times A) - (.046204 \times A^2)}$
All other estimates ²	$1.645 \times \sqrt{(.465 \times A) - (.000256 \times A^2)}$
1999 AHS-N Metropolitan Areas	
Chicago, IL	$1.645 \times \sqrt{(1.100 \times A) - (.000359 \times A^2)}$
Detroit, MI	$1.645 \times \sqrt{(1.100 \times A) - (.000586 \times A^2)}$
Los Angeles-Long Beach, CA	$1.645 \times \sqrt{(1.100 \times A) - (.000336 \times A^2)}$
New York-Nassau-Suffolk-Orange, NY	$1.645 \times \sqrt{(2.350 \times A) - (.000509 \times A^2)}$
Northern New Jersey	$1.645 \times \sqrt{(2.300 \times A) - (.000919 \times A^2)}$
Philadelphia, PA-NJ	$1.645 \times \sqrt{(1.100 \times A) - (.000543 \times A^2)}$

¹The formulas in the text are based on 1.645 times the errors from sampling. This formula gives 90-percent confidence interval errors. For 95-percent confidence interval errors, multiply by 1.960 instead of 1.645; for 99-percent confidence, multiply by 2.576 instead of 1.645.

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 that only involve housing units from the mobile home universe.

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

MSA and estimates type	The formula is: ¹
1998 AHS-MS	
Baltimore, MD	
Mobile home estimates	$1.645 \times \sqrt{(.405 \times p \times (100-p))/A}$
All other estimates ²	$1.645 \times \sqrt{(.270 \times p \times (100-p))/A}$
Birmingham, AL	
Mobile home estimates	$1.645 \times \sqrt{(.180 \times p \times (100-p))/A}$
All other estimates ²	$1.645 \times \sqrt{(.105 \times p \times (100-p))/A}$
Boston, MA-NH	
Mobile home estimates	$1.645 \times \sqrt{(.515 \times p \times (100-p))/A}$
All other estimates ²	$1.645 \times \sqrt{(.370 \times p \times (100-p))/A}$
Cincinnati, OH-KY-IN	
Mobile home estimates	$1.645 \times \sqrt{(.315 \times p \times (100-p))/A}$
All other estimates ²	$1.645 \times \sqrt{(.185 \times p \times (100-p))/A}$
Houston, TX	
Mobile home estimates	$1.645 \times \sqrt{(.620 \times p \times (100-p))/A}$
All other estimates ²	$1.645 \times \sqrt{(.390 \times p \times (100-p))/A}$
Minneapolis-St. Paul, MN-WI	
Mobile home estimates	$1.645 \times \sqrt{(.445 \times p \times (100-p))/A}$
All other estimates ²	$1.645 \times \sqrt{(.300 \times p \times (100-p))/A}$
Norfolk-Virginia Beach-Newport News, VA-NC	
Mobile home estimates	$1.645 \times \sqrt{(.255 \times p \times (100-p))/A}$
All other estimates ²	$1.645 \times \sqrt{(.160 \times p \times (100-p))/A}$
Oakland, CA	
Mobile home estimates	$1.645 \times \sqrt{(.320 \times p \times (100-p))/A}$
All other estimates ²	$1.645 \times \sqrt{(.230 \times p \times (100-p))/A}$
Providence-Pawtucket-Warwick, RI-MA	
Mobile home estimates	$1.645 \times \sqrt{(.165 \times p \times (100-p))/A}$
All other estimates ²	$1.645 \times \sqrt{(.110 \times p \times (100-p))/A}$
Rochester, NY	
Mobile home estimates	$1.645 \times \sqrt{(.175 \times p \times (100-p))/A}$
All other estimates ²	$1.645 \times \sqrt{(.120 \times p \times (100-p))/A}$
Salt Lake City, UT	
Mobile home estimates	$1.645 \times \sqrt{(.115 \times p \times (100-p))/A}$
All other estimates ²	$1.645 \times \sqrt{(.115 \times p \times (100-p))/A}$
San Francisco, CA	
Mobile home estimates	$1.645 \times \sqrt{(.235 \times p \times (100-p))/A}$
All other estimates ²	$1.645 \times \sqrt{(.185 \times p \times (100-p))/A}$
San Jose, CA	
Mobile home estimates	$1.645 \times \sqrt{(.150 \times p \times (100-p))/A}$
All other estimates ²	$1.645 \times \sqrt{(.150 \times p \times (100-p))/A}$

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

MSA and estimates type	The formula is: ¹
1998 AHS-MS—Con.	
Tampa-St. Petersburg, FL	
Mobile home estimates	$1.645 \times \sqrt{(.375 \times p \times (100-p))/A}$
All other estimates ²	$1.645 \times \sqrt{(.290 \times p \times (100-p))/A}$
Washington, DC-MD-VA	
Mobile home estimates	$1.645 \times \sqrt{(.740 \times p \times (100-p))/A}$
All other estimates ²	$1.645 \times \sqrt{(.465 \times p \times (100-p))/A}$
1999 AHS-N Metropolitan Sample	
Chicago, IL	$1.645 \times \sqrt{(1.100 \times p \times (100-p))/A}$
Detroit, MI	$1.645 \times \sqrt{(1.100 \times p \times (100-p))/A}$
Los Angeles-Long Beach, CA	$1.645 \times \sqrt{(1.100 \times p \times (100-p))/A}$
New York-Nassau-Suffolk-Orange, NY	$1.645 \times \sqrt{(2.350 \times p \times (100-p))/A}$
Northern New Jersey	$1.645 \times \sqrt{(2.300 \times p \times (100-p))/A}$
Philadelphia, PA-NJ	$1.645 \times \sqrt{(1.100 \times p \times (100-p))/A}$

¹These formulas are equivalent to $1.645 \times \sqrt{(p \times (1-p)) / n}$. For example, for all other estimates in the Baltimore, MD, metropolitan area, .27/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 that only involve housing units from the mobile home universe.

Table BB. **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	$\frac{K \times W \times \sqrt{A}}{B}$	$\frac{.426 \times 100 \times \sqrt{297.3}}{21.6}$ = \$34	_____
The 90-percent confidence interval for the median is: ...	median $\pm \frac{K \times W \times \sqrt{A}}{B}$	median \pm \$34	_____

¹Note: To obtain an appropriate value for K, multiply the **numerator** of the formula for computing the error from sampling for 50 percent by a factor of .01. Refer to the Percents section of this appendix for the appropriate formula for AHS-N. Refer to Table AA for the appropriate formula for AHS-MS and the AHS-National metropolitan areas. For example, for estimates consisting of only mobile homes in the Baltimore, MD, metropolitan area $k = .01 \times (1.645 \times \sqrt{.405 \times 50 \times 50}) = .523$ and for all other estimates in Baltimore, $K = .427$.

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

In the following example, cost data are used to calculate the 90-percent confidence interval for medians (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 (first line) ¹	$42.6/\sqrt{A}$	2.47	_____		
Multiply this percentage error by .01 to turn it into a fraction and by total units to give the error in housing units.....	$.426\sqrt{A}$	7.35	_____		
Bottom of error range (second line minus fourth line, in thousands).....	B _{bottom}	*141.3	_____		
Top of error range (second line plus fourth line, in thousands)	B _{top}			*156	_____
* 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	_____	\$700-799	_____
How many housing units are in all the categories before this one (in thousands)?.....	C	134.0	_____	155.6	_____
How many housing units are in this category (in thousands)?	D	21.6	_____	28.9	_____
What is the bottom limit of this category (in dollars, rooms, or whatever the item measures)?	E	\$600	_____	\$700	_____
What is the bottom limit of the next category (in dollars, rooms, etc)?	F	\$700	_____	\$800	_____
Formula to calculate limits of confidence interval	$\frac{(B-C)}{D}(F-E)+E$	$\frac{(141.3 - 134.0)}{21.6}(100)+600$		$\frac{(156 - 155.6)}{28.9}(100)+700$	
Limits of confidence interval (in dollars, rooms, etc.)		\$634		\$701	

* Starting with the starred step, this worksheet is equivalent to interpolation, for those who are familiar with this term.

¹Statistical note: This formula is based on the error from sampling for 50 percent (using the appropriate formula, $1.645 \times \sqrt{.405 \times 50 \times (100 - 50)/A} = 52.3/\sqrt{A}$ for medians involving estimates of only mobile homes in Baltimore, MD, metropolitan area. For medians involving all other estimates in the Baltimore, MD, metropolitan area, use $42.6/\sqrt{A}$. Refer to the Percents section of this appendix for the appropriate formula for AHS-N. Refer to Table AA for the appropriate formula for AHS-MS.

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Selected Subareas for Publication for 1999

CHICAGO, IL

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

DETROIT, MI

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

LOS ANGELES-LONG BEACH, CA

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

NEW YORK-NASSAU-SUFFOLK-ORANGE COUNTY, NY

New York city
Nassau County
Suffolk County

NORTHERN NJ

Newark city
Bergen County
Middlesex County

PHILADELPHIA, PA-NJ

Philadelphia city
Montgomery County, PA
Delaware County, PA

Note: With each metropolitan area, subareas are listed in order of boxhead appearance from subarea 1 through subarea 3.