

# American Housing Survey for the **New Orleans** Metropolitan Area: 2004

Issued October 2005

H170/04-30

## 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  
U.S. CENSUS BUREAU



## ACKNOWLEDGMENTS

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

**Ronald J. Sepanik**, assisted by **David Vandembroucke** and **Carolyn Lynch**, 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**, **Altheria Y. Barnett**, **Mary Schwarz**, **Scott Susin**, **William L. Hartnett**, **Saundra Lord**, and **Barbara Williams** performed specific activities related to data collection procedures, statistical presentation, organization of the report, and preparation of text materials. **Mary S. Stultz** provided statistical assistance.

Under the direction of **Chester E. Bowie**, then Chief, Demographic Surveys Division, **Enrique Lamas**, Assistant Division Chief, Current Surveys, oversaw the implementation of the American Housing Survey operational activities. Under the supervision of **La Terri D. Bynum**, **Marni L. Brown**, **Edward A. Hayes**, **Gemma M. Furno**, **Nancy J. Midziolek**, **Craig M. Pritzl**, and **Kenya D. Tyndle** coordinated the operational aspects of the American Housing Survey. **Thomas L. Blatt**, Assistant Division Chief, directed the systems and processing procedures. Under the supervision of **R. Tracee Boxley**, **Sharonica L. Baker**, **Gail K. Burns**, **Daniel C. Collier**, **Lisa A. Ferrer**, **Colette K. Fladger**, **Thomas A. Iseman**, **Debra K.P. Knoll**, **Cynfon L. Lyle**, **Cherie L. Nichols**, **Jimmy T. Nguyen**, **Dorothy J. Paxton**, **Susan K. Peters**, **Diana A. Rubin**, **Diane S. Schwartz**, and **Deanna L. Wilson** provided computer programming and processing. **Frederick L. McKee**, **Lewis S. Lenkey**, and **Evelyn J. Lincoln** provided procedures for mailouts and scheduling.

The Demographic Statistical Methods Division, under the direction of **Alan R. Tupek**, Chief, performed sampling and reinterview and related activities. Under the supervision of **Dennis J. Schwanz**, **Robert C. Abramson**, **Alphonso M. Mason**, and **Carol M. Mylet** developed the sample design, weighting, and computation of sampling variances and standard errors. **David Adams**, **Danielle R. Corteville**, **Leslie R. Flores**, **James A. Haworth**, **Pat Marks**, **Debbie M. Mullen**, **Sandra M. Tenbrink**, and the Statistical Methods Section in Statistical Methods and Quality Assurance Branch (National Processing Center) implemented the sample selection and prepared the sample controls. **Ayonda Dent**, **Caroline Evans**, and **Gene A. Sebron** conducted the reinterview design, procedures, analysis, and programming. Field Division, under the direction of **Brian Monaghan**, Chief, **Richard L. Bitzer**, Assistant Division Chief for Surveys, and **Blair E. Russell**, assisted by **Medell E. Ford III**, **Laurie A. Jarboe**, **Clinton Borland**, and **Karen M. Nowakowski** administered the data collection, clerical processing, and data entry activities.

The Technologies Management Office, under the direction of **Barbara LoPresti**, Chief, and assisted by **Karen A. Bagwell** and **Steven W. Tornell**, Assistant Division Chiefs, provided overall automation support. **Thomas R. Spaulding**, Authoring Team Leader, provided the computer-assisted interviewing questionnaires for field data collection. **Charles M. Tyler, Jr.**, ROSCO Development Team Leader, **Sean R. McLaren**, Laptop Case Management Team Leader, and **Robert E. McGrath**, Master Control System Team Leader, provided computer programming and systems support. **Chad G. Nelson**, Technical Assistance Center Team Leader, provided help desk support to the Regional Office and field staff.

**Jamie Peters**, **Helen M. Curtis**, **Shirley A. Clark**, and **Everett L. Dove** of the Administrative and Customer Services Division, **Walter C. Odom**, Chief, provided publications and printing management, graphics design and composition, and editorial review for print and electronic media. General direction and production management were provided by **James R. Clark**, Assistant Division Chief, and **Susan L. Rappa**, Chief, Publications Services Branch.

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## **Current Housing Reports**

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U.S. Department of Housing  
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and U.S. Census Bureau,  
Current Housing Reports,  
Series H170/04-30,  
*American Housing Survey  
for the New Orleans  
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**Ronald J. Sepanik,**  
Director, Housing and  
Demographic Analysis  
Division

## Availability of Data Via Electronic Media

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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, 1997, 1999, 2001, and 2003 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, 1999, 2001, and 2003 microdata, by using Ferrett.

National and Metropolitan publications dating back to 1973 are available in PDF and scanned format within the AHS Web site at  
<[www.census.gov/prod/www/abs/cons-hou.html#house](http://www.census.gov/prod/www/abs/cons-hou.html#house)>.

Groups of these books are available on CD-ROMs or selectively at <[www.census.gov/hhes/www/ahs.html](http://www.census.gov/hhes/www/ahs.html)>.

All information can be accessed through the U.S. Census Bureau's home page at <[www.census.gov](http://www.census.gov)>.

Users may send requests for data or questions regarding the data via e-mail to the Housing and Household Economics Statistics Division of the Census Bureau at <[ahsn@census.gov](mailto:ahsn@census.gov)>.

Data users may find similar information concerning the AHS, through the HUD USER Web site at <[www.huduser.org](http://www.huduser.org)>.

## Comments From Data Users

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We, in 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](mailto:jane.m.kneessi@census.gov)

# Census Bureau Home Page

www.census.gov

# American Housing Survey Home Page

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

Source: U.S. Census Bureau, Housing and Household Economic Statistics Division  
Last Revised: February 18, 2005

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<sup>1</sup> Chapters on Black alone 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

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## **INCOME**

In 2004, information on whether or not a resident of the housing unit received Supplemental Security Income (SSI) payments was collected in a separate category. In 2003 and earlier, the receipt of SSI payments was collected in a combined category that included public assistance and welfare payments. For detailed definitions of income categories, see Appendix A.

## **REPLACEMENTS AND ADDITIONS**

In 2004, the question, "Was that wall-to-wall carpeting installed over existing, finished flooring, or was that put down over bare sub-flooring, such as concrete or unfinished wood?" was no longer asked. The question, "In the last two years, have you installed any wall-to-wall carpeting?" was still part of the survey. For a detailed definition of replacements and additions, see Appendix A.



# Geographical Definitions of 2004 AHS Metropolitan Areas

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

Name	Land square miles <sup>1</sup>	Population per square mile <sup>1</sup>	Name	Land square miles <sup>1</sup>	Population per square mile <sup>1</sup>
<b>ATLANTA, GA</b>	<b>5,392.8</b>	<b>742.1</b>	<b>HARTFORD, CT—Con.</b>		
Barrow County	162.2	284.5	New London County [part]	665.9	389.1
Bartow County	459.4	165.5	Tolland County [part]	410.1	332.5
Cherokee County	423.7	334.9	Windham County [part]	512.8	212.8
Clayton County	142.6	1,658.4	(OMB same as AHS)		
Cobb County	340.2	1,786.7	<b>Hartford County [part]</b>	735.4	1,165.5
Coweta County	442.6	201.6	Avon town, Berlin town, Bloomfield town, Bristol city, Burlington town, Canton town, East Grandy town, East Hartford town, East Windsor town, Enfield town, Farmington town, Glastonbury town, Granby town, Hartford city, Manchester town, Marlborough town, New Britain city, Newington town, Plainville town, Rocky Hill town, Simsbury town, Southington town, South Windsor town, Suffield town, West Hartford town, Wethersfield town, Windsor town, Windsor Locks town		
DeKalb County	268.2	2,482.7	<b>Litchfield County [part]</b>	919.9	198.1
Douglas County	199.3	462.5	Barkhamsted town, Harwinton town, New Hartford town, Plymouth town, Winchester town		
Fayette County	197.1	463.1	<b>Middlesex County [part]</b>	369.3	419.9
Forsyth County	225.8	435.8	Cromwell town, Durham town, East Haddam town, East Hampton town, Haddam town, Middlefield town, Middletown city, Portland town		
Fulton County	528.7	1,543.5	<b>New London County [part]</b>	665.9	389.1
Gwinnett County	432.7	1,359.9	Colchester town, Lebanon town		
Henry County	322.7	369.8	<b>Tolland County [part]</b>	410.1	332.5
Newton County	276.4	224.3	Andover town, Bolton town, Columbia town, Coventry town, Ellington town, Hebron town, Mansfield town, Somers town, Stafford town, Tolland town, Vernon town, Willington town		
Paulding County	313.4	260.6	<b>Windham town [part]</b>	512.8	212.8
Rockdale County	130.6	536.7	Ashford town, Chaplin town, Windham town		
Spalding County	198.0	295.1	<b>INDIANAPOLIS, IN</b>	<b>3,523.0</b>	<b>456.3</b>
Walton County	329.2	184.4	Boone County	422.9	109.0
(OMB includes Carroll County and Pickens County)			Hamilton County	397.9	459.2
<b>CLEVELAND, OH</b>	<b>2,214.4</b>	<b>887.9</b>	Hancock County	306.1	180.9
Ashtabula County	702.4	146.2	Hendricks County	408.4	254.9
Cuyahoga County	458.5	3,040.4	Johnson County	320.2	359.8
Geauga County	403.7	225.2	Madison County	452.1	295.0
Lake County	228.2	996.9	Marion County	396.3	2,171.5
Lake County	228.2	996.9			
Medina County	421.6	358.4			
(OMB includes Lorain County)					
<b>DENVER, CO</b>	<b>3,760.6</b>	<b>560.9</b>			
Adams County	1,191.9	305.3			
Arapahoe County	803.1	607.6			
Denver County	153.4	3,616.8			
Douglas County	840.1	209.2			
Jefferson County	772.1	682.6			
(OMB same as AHS)					
<b>HARTFORD, CT</b>	<b>3,613.4</b>	<b>470.2</b>			
Hartford County [part]	735.4	1,165.5			
Litchfield County [part]	919.9	198.1			
Middlesex County [part]	369.3	419.9			

Name	Land square miles <sup>1</sup>	Population per square mile <sup>1</sup>	Name	Land square miles <sup>1</sup>	Population per square mile <sup>1</sup>
<b>INDIANAPOLIS, IN—Con.</b>			<b>PITTSBURGH, PA—Con.</b>		
Morgan County	406.5	164.1	Washington County	857.1	236.7
Shelby County	412.6	105.3	Westmoreland County	1,025.5	360.8
(OMB same as AHS)			(OMB same as AHS)		
<b>MEMPHIS, TN-AR-MS</b>			<b>SACRAMENTO, CA</b>		
Crittenden County, AR	610.2	83.4	El Dorado County	1,710.9	91.4
DeSoto County, MS	477.9	224.3	Placer County	1,404.4	176.9
Fayette, County, TN	704.5	40.9	Sacramento County	965.7	1,267.0
Shelby County, TN	754.5	1,189.4	(OMB same as AHS)		
Tipton County, TN	459.4	111.6	<b>ST. LOUIS, MO-IL</b>		
(OMB same as AHS)			<b>6,392.0</b>		
<b>NEW ORLEANS, LA</b>			<b>407.3</b>		
Jefferson Parish	306.5	1,485.9	Clinton County, IL	474.2	74.9
Orleans Parish	180.6	2,684.3	Jersey County, IL	369.2	58.7
Plaquemines Parish	844.6	31.7	Madison County, IL	725.0	357.2
St. Bernard Parish	465.0	144.6	Monroe County, IL	388.3	71.1
St. Charles Parish	283.6	169.5	St. Clair County, IL	663.8	385.8
St. John the Baptist Parish	218.9	196.6	St. Louis City, MO	61.9	5,622.9
St. Tammany Parish	854.2	223.9	Franklin County, MO	922.8	101.7
(OMB includes St. James Parish)			Jefferson County, MO	656.8	301.6
<b>OKLAHOMA CITY, OK</b>			Lincoln County, MO	630.5	61.8
Canadian County	899.7	97.5	St. Charles County, MO	560.4	506.6
Cleveland County	536.1	388.0	St. Louis County, MO	507.8	2,001.4
Logan County	744.5	45.6	Warren County, MO	431.3	56.9
McClain County	569.7	48.7	(OMB includes Sullivan city in Crawford County)		
Oklahoma County	709.1	931.4	<b>SAN ANTONIO, TX</b>		
Pottawatomie County	787.7	83.2	<b>3,326.4</b>		
(OMB same as AHS)			<b>478.7</b>		
<b>PITTSBURGH, PA</b>			Bexar County	1,246.8	1,117.2
Allegheny County	730.2	1,755.3	Comal County	561.5	139.0
Beaver County	434.2	417.8	Guadalupe County	711.1	125.2
Butler County	788.5	220.8	Wilson County	807.0	40.2
Fayette County	790.1	188.1	(OMB same as AHS)		
<b>SEATTLE-EVERETT, WA</b>			<b>4,423.5</b>		
(OMB same as AHS)			<b>545.9</b>		
			King County	2,126.0	817.0
			Island County	208.4	343.3
			Snohomish County	2,089.1	290.1
			(OMB same as AHS)		

<sup>1</sup>Source code: 2000 Census of Population and Housing

# Explanations and Cautions

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## 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 that would permit identification of individuals will be held in strict confidence. Such information may be seen only by individuals sworn to uphold the confidentiality of Census Bureau information 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 person sworn to uphold the confidentiality of Census Bureau information is punishable by a fine of up to \$250,000 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; manufactured/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. Interviewing occurred from May 30 through September 8. 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 may have errors from sampling and other causes (incomplete data, wrong answers, etc.).

Appendix D gives more detailed formulas to calculate 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 Census 2000, plus changes since then. Housing unit undercoverage and household nonresponse is about 11 percent. Compared to the level derived from the adjusted Census 2000 counts, housing unit undercoverage alone is about 2.2 percent.

The weighting procedures used for AHS-National 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 by type of household. For some groups, such as Black alone, the undercoverage is at least 9 percent. 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 underestimates income and overestimates poverty when compared to the Current Population Survey (CPS). The AHS mentions fewer sources of income than the Annual Social and Economic Supplement to the CPS. The poverty data in the AHS are not published as an official count of households in poverty, but to show the housing characteristics of low-income households. For a discussion of income and poverty, see Appendix C.

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 the table below.

### DATA AVAILABILITY

The AHS data are presented nationally as well as for major selected metropolitan areas (see table below). The table below 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 on CD-ROMs so that data can be tabulated in any way desired. Microdata are also available on the Internet for 1997 and beyond. National data tables are on the Internet for 1973 and beyond. Contact HHES for more details. The Census Act prohibits the release of individually identifiable data. The Census Bureau uses statistical methods prior to data release to ensure respondents' confidentiality. In addition to using statistical methods, the names and addresses of respondents, 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.

### Sources for American Housing Survey Data

Source	Telephone	Books	Microdata
HUD USER P.O. Box 23268 Washington, DC 20026-3268	800-245-2691 301-495-5863 or 202-708-3178 TDD 800-927-7589 Fax 301-495-3765	National and Metropolitan Codebooks Volume I \$30 Volume II \$5 Volume III \$20	National CD-ROM Before 1997 1997, 1999, 2001, and 2003 \$50 \$15 Metropolitan CD-ROM Before 1996 1996 to present \$50 \$15 Table Generating Data Disk CD-ROM <sup>1</sup> AVI-000102 \$15
Customer Services U.S. Census Bureau Washington, DC 20233-0801	301-763-INFO (4636) for general information Fax 301-457-3842, orders only Fax 301-457-4714, general information	Metropolitan \$10-\$20	National and Metropolitan CD-ROMs Back to early 1970s 1997, 1999, 2001, and 2003 \$50 \$15
Superintendent of Documents <sup>2</sup> Washington, DC 20402-9326	202-512-1800 Fax 202-512-2250	National \$50	
Housing and Household Economic Statistics Division (HHES) U.S. Census Bureau Washington, DC 20233-8500	301-763-3235 Fax 301-457-3277	Analytical H121, H123 \$2-\$10	
U.S. National Archives and Records Administration Center for Electronic Records <a href="http://www.archives.gov">www.archives.gov</a>	301-837-0470		National and Metropolitan Tapes, 1974-1995 Fees vary
Internet Publications: <a href="http://www.census.gov/prod/www/abs/cons-hou.html#house">www.census.gov/prod/www/abs/cons-hou.html#house</a>		National, Metropolitan Analytical All reports since 1973 Internet address Free CD-ROM \$15	Interactive Internet Tools Ferret—data extraction system 1997, 1999, 2001, and 2003 Free Data Extraction System (DES) 1993, 1995 Free
American Housing Survey Home Page: <a href="http://www.census.gov/hhes/www/ahs.html">www.census.gov/hhes/www/ahs.html</a>			
HUD USER Home Page: <a href="http://www.huduser.org">www.huduser.org</a>		Codebooks Free	1995 and later National and Metropolitan Free

<sup>1</sup>The American Housing Surveys for 1999 and 2001 issued CD-ROMs titled "Table Generating Data Disk." These CDs contain a special type of database file called an EXTRACT. This file allows users to create their own tables (cross tabulations) with the built-in software. On these CDs, there are data tables that users can manipulate to show selected information, to form graphs, and to print. Included also on these CDs is the microdata file in both SAS and ASCII formats along with the associated documentation. The publications also are included.

<sup>2</sup>Ask for U.S. Census Bureau series H150 and H151. Depository libraries may order Superintendent of Documents prefix C3.215. Libraries often keep national books in a special catalog and section for U.S. Government documents. Metropolitan reports may be located in the general catalog since these are not published by the Superintendent of Documents.

# Dates of Current AHS Metropolitan Areas: 1974 to 2004

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

Area	2003– 2004	1998– 2002	1995– 1997*	1992– 1994	1988– 1991	1984– 1987	1981– 1983	1980	1977– 1979	1974– 1976
Anaheim-Santa Ana, CA PMSA**	...	02	...	94	90	86	81	...	77	74
Atlanta, GA MSA	04	...	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**	...	02	...	94	88	84	...	...	79	76
Charlotte, NC-SC MSA	...	02	95	...	...	...	...	...	...	...
Chicago, IL PMSA	03	99	95	...	91	87	83	...	79	75
Cincinnati, OH-KY-IN PMSA**	...	98	...	...	90	86	82	...	78	75
Cleveland, OH PMSA**	04	...	96	92	88	84	...	...	79	76
Columbus, OH MSA	...	02	95	...	91	87	82	...	78	75
Dallas, TX PMSA**	...	02	...	94	89	85	81	...	77	74
Denver, CO MSA	04	...	95	...	90	86	83	...	79	76
Detroit, MI PMSA	03	99	95	93	89	85	81	...	77	74
Fort Worth-Arlington, TX PMSA**	...	02	...	94	89	85	81	...	77	74
Hartford, CT MSA	04	...	96	...	91	87	83	...	79	75
Houston, TX (new sample in 1987) PMSAs	...	98	...	...	91	87	83	...	79	76
Indianapolis, IN MSA**	04	...	96	92	88	84	...	80	...	76
Kansas City, MO-KS MSA	...	02	95	...	90	86	82	...	78	75
Los Angeles-Long Beach, CA PMSA**	03	99	95	...	89	85	...	80	77	74
Memphis, TN-AR-MS MSA	04	...	96	92	88	84	...	80	77	74
Miami-Ft. Lauderdale, FL CMSA	...	02	95	...	90	86	83	...	79	75
Milwaukee, WI PMSA**	...	02	...	94	88	84	...	...	79	75
Minneapolis-St. Paul, MN-WI MSA	...	98	...	93	89	85	81	...	77	74
New Orleans, LA MSA	04	...	95	...	90	86	82	...	78	75
New York-Nassau-Suffolk-Orange, NY PMSAs	03	99	95	...	91	87	83	80	...	76
Norfolk-Virginia Beach-Newport News, VA-NC***	...	98	...	...	...	...	...	...	...	...
Northern NJ PMSAs	03	99	95	...	91	87	...	...	...	...
Oakland, CA PMSA****	...	98	...	...	...	...	...	...	...	...
Oklahoma City, OK MSA	04	...	96	92	88	84	...	80	...	76
Philadelphia, PA-NJ PMSA**	03	99	95	...	89	85	82	...	78	75
Phoenix, AZ MSA**	...	02	...	94	89	85	81	...	77	74
Pittsburgh, PA MSA	04	...	95	...	90	86	81	...	77	74
Portland, OR-WA PMSA	...	02	95	...	90	86	83	...	79	75
Providence-Pawtucket-Warwick, RI-MA PMSAs	...	98	...	92	88	84	...	80	...	76
Riverside-San Bernardino-Ontario, CA PMSA**	...	02	...	94	90	86	82	...	78	75
Rochester, NY MSA	...	98	...	...	90	86	82	...	78	75
Sacramento, CA PMSA	04	...	96	...	...	...	83	80	...	76
St. Louis, MO-IL MSA	04	...	96	...	91	87	83	80	...	76
Salt Lake City, UT MSA	...	98	...	92	88	84	...	80	77	74
San Antonio, TX MSA	04	...	95	...	90	86	82	...	78	75
San Diego, CA MSA**	...	02	...	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	04	...	96	...	...	...	83	...	79	76
Tampa-St. Petersburg, FL MSA	...	98	...	93	89	85	...	...	...	...
Washington, DC-MD-VA MSA	...	98	...	93	89	85	81	...	77	74

... Not applicable.

\* 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.

\*\*\* Currituck County, NC, was added to the geographic definition in 1998.

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

# Dates of AHS Metropolitan Areas No Longer in Sample: 1974 to 2004

Area	1998– 2002	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
Colorado Springs, CO**	...	...	...	...	...	...	...	78	75
Grand Rapids, MI**	...	...	...	...	...	...	80	...	76
Honolulu, HI**	...	...	...	...	...	83	...	79	76
Las Vegas, NV**	...	...	...	...	...	...	...	79	76
Louisville, KY-IN**	...	...	...	...	...	83	80	...	76
Madison, WI**	...	...	...	...	...	81	...	77	75
Newark, NJ (now covered by Northern NJ)**	...	...	...	...	...	81	...	77	74
Norfolk-Virginia Beach-Newport News, VA MSA	...	...	92	88	84	...	...	78	75
Omaha, NE-IA**	...	...	...	...	...	...	...	79	76
Orlando, FL**	...	...	...	...	...	81	...	77	74
Paterson-Clifton-Passaic, NJ (now covered by Northern NJ)**	...	...	...	...	...	82	...	78	75
Raleigh, NC**	...	...	...	...	...	...	...	79	76
Saginaw, MI**	...	...	...	...	...	...	80	77	74
Seattle-Tacoma, WA	...	...	...	91	87	...	...	...	...
Spokane, WA	...	...	...	...	...	81	...	77	74
Springfield-Chicopee-Holyoke, MA-CT**	...	...	...	...	...	...	...	78	75
Tacoma, WA**	...	...	...	...	...	81	...	77	74
Wichita, KS**	...	...	...	...	...	81	...	77	74

... Not applicable.

\* 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.

# Acronyms and Abbreviations

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AFDC	Aid to Families With Dependent Children
AHS-MS	American Housing Survey—Metropolitan Sample
AHS-N	American Housing Survey—National
CAI	Computer-Assisted Interviewing
CATI	Computer-Assisted Telephone Interviewing
CDP	Census Designated Place
CMSA	Consolidated Metropolitan Statistical Area
CPI	Consumer Price Index
CPS	Current Population Survey
FERRETT	Federal Electronic Research, Review, Extraction, and Tabulation Tool <dataferrett.census.gov>
FHA	Federal Housing Administration
GED	Test of General Education Development
HSES	Housing and Household Economic Statistics Division (U.S. Census Bureau)
HUD	U.S. 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
RHS/RD	Rural Housing Service/Rural Development Mortgage (formerly Farmers Home Administration)
SSI	Supplemental Security Income
TANF	Temporary Assistance for Needy Families
URE	Usual Residence Elsewhere
VA	Department of Veterans Affairs





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

[Numbers in thousands. Consistent with Census 2000. ... means not applicable or sample too small. – means zero or rounds to zero]

Characteristics	Total housing units	Seasonal	Year-round											New construction 4 years	Manufactured/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			
<b>Nights Owner Rented Extra Unit</b>																
0 to 2 nights .....	6.7	3.2	3.4	–	–	–	3.4	–	–	–	–	–	3.4	–	–	.7
3 to 7 nights .....	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8 nights or more .....	.7	–	.7	–	–	–	.7	–	–	–	–	–	.7	–	–	–
Not reported .....	2.2	.7	1.4	–	–	–	1.4	–	–	–	–	–	1.4	–	–	.3
<b>Manufactured/Mobile Home Tiedowns</b>																
Manufactured/mobile homes .....	27.8	.2	27.6	24.1	19.4	4.7	3.5	.5	8.9	–	.2	.9	2.0	1.4	27.8	
Anchored by tiedowns, bolts or other means .....	24.0	.2	23.8	21.0	17.9	3.1	2.8	.5	12.6	–	.2	.6	1.6	1.4	24.0	
Not anchored .....	2.0	–	2.0	1.4	1.3	.2	.6	–	–	–	–	.3	.3	–	2.0	
Anchoring not reported .....	1.8	–	1.8	1.6	.3	1.3	.2	–	–	–	–	–	.2	–	1.8	
<b>Manufactured/Mobile Home Set Up</b>																
Manufactured/mobile homes .....	27.8	.2	27.6	24.1	19.4	4.7	3.5	.5	8.9	–	.2	.9	2.0	1.4	27.8	
Set on permanent masonry foundation .....	3.0	–	3.0	2.8	2.5	.3	.3	–	–	–	–	–	.3	.2	3.0	
Resting on concrete pad .....	3.6	–	3.6	3.1	2.2	.9	.5	–	–	–	–	–	.5	.3	3.6	
Up on blocks, but not on concrete pad .....	19.0	.2	18.8	16.5	13.9	2.6	2.3	.3	9.7	–	.2	.9	1.0	.9	19.0	
Set up in some other way .....	2.2	–	2.2	1.7	.9	.8	.5	.2	17.5	–	–	–	.3	–	2.2	
Set up not reported .....	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	

<sup>1</sup>For manufactured/mobile homes, oldest category is 1939 or earlier.  
<sup>2</sup>If occupied year-round, assumed to be suitable for year-round use.  
<sup>3</sup>Figures 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 Census 2000. ... means not applicable or sample too small. – means zero or rounds to zero]

Characteristics	Total housing units	Seasonal	Year-round											New construction 4 years	Manufactured/mobile homes	
			Occupied			Vacant										
			Total	Owner	Renter	Total	For rent	Rental vacancy rate	For sale only	Rented or sold	Occasional use/URE	Other vacant				
<b>Total</b> .....	<b>561.0</b>	<b>4.0</b>	<b>557.1</b>	<b>498.2</b>	<b>323.3</b>	<b>174.9</b>	<b>58.9</b>	<b>29.8</b>	<b>14.4</b>	<b>5.1</b>	<b>4.4</b>	<b>5.6</b>	<b>14.0</b>	<b>15.1</b>	<b>27.8</b>	
<b>Stories in Structure<sup>1</sup></b>																
1 .....	...	2.2	...	...	228.3	79.6	...	10.9	11.9	3.6	2.1	4.0	7.8	8.4	...	
2 .....	...	1.2	...	...	68.2	67.0	...	12.7	15.7	1.3	1.9	.6	3.8	4.8	...	
3 .....	...	.4	...	...	5.1	18.0	...	4.7	20.6	.3	.3	—	.4	.5	...	
4 to 6 .....	...	—	...	...	1.6	2.4	...	—	—	—	—	—	—	—	...	
7 or more .....	...	—	...	...	.7	3.2	...	1.0	24.2	—	—	.2	—	—	...	
<b>Stories Between Main and Apartment Entrances</b>																
Multiunits, 2 or more floors .....	...	.7	...	...	7.3	75.7	...	16.2	17.4	.3	1.0	.4	2.0	.8	...	
None (on same floor) .....	...	—	...	...	3.8	33.8	...	6.3	15.6	—	.3	.3	.4	.5	...	
1 (up or down) .....	...	.1	...	...	1.8	20.8	...	4.5	17.8	.1	—	—	1.4	.2	...	
2 or more (up or down) .....	...	.6	...	...	1.8	21.0	...	5.4	19.8	.1	.7	.2	.1	.1	...	
<b>Common Stairways</b>																
Multiunits, 2 or more floors .....	...	.7	...	...	7.3	75.7	...	16.2	17.4	.3	1.0	.4	2.0	.8	...	
No common stairways .....	...	—	...	...	2.6	15.2	...	3.9	20.2	—	.3	.1	.3	.4	...	
With common stairways .....	...	.6	...	...	4.4	57.2	...	11.8	17.0	.3	.7	.3	1.7	.3	...	
No loose steps .....	...	.6	...	...	4.1	46.5	...	9.0	16.0	.1	.7	.3	1.0	.2	...	
Railings not loose .....	...	.4	...	...	3.0	34.4	...	6.5	15.8	.1	.5	—	.6	.2	...	
Railings loose .....	...	.1	...	...	.8	9.4	...	2.5	20.8	—	.1	.3	.4	—	...	
No railings .....	...	—	...	...	.3	2.7	...	—	—	—	—	—	—	—	...	
Status of railings not reported .....	...	—	...	...	—	.2	...	—	—	—	—	—	—	—	...	
Loose steps .....	...	—	...	...	.3	10.7	...	2.8	20.7	.1	—	—	.7	.2	...	
Railings not loose .....	...	—	...	...	.3	8.5	...	1.6	16.2	—	—	—	.1	.2	...	
Railings loose .....	...	—	...	...	—	1.7	...	1.0	37.2	.1	—	—	.4	—	...	
No railings .....	...	—	...	...	—	.5	...	.1	20.8	—	—	—	.1	—	...	
Status of railings not reported .....	...	—	...	...	—	—	...	—	—	—	—	—	—	—	...	
Status of stairways not reported .....	...	.1	...	...	.3	3.2	...	.4	12.0	—	—	—	—	—	...	
<b>Light Fixtures in Public Halls</b>																
2 or more units in structure .....	...	.8	...	...	10.5	98.4	...	20.0	16.7	.3	1.3	.7	2.9	1.1	...	
No public halls .....	...	.4	...	...	5.0	29.8	...	7.3	19.5	—	.4	.3	1.3	.6	...	
No light fixtures in public halls .....	...	—	...	...	.4	4.2	...	.3	6.3	—	—	—	.1	—	...	
All in working order .....	...	.3	...	...	4.0	46.6	...	8.6	15.4	.1	.7	.2	.3	.3	...	
Some in working order .....	...	—	...	...	—	3.2	...	.3	8.3	—	—	—	—	—	...	
None in working order .....	...	—	...	...	.7	8.3	...	2.0	19.3	.1	—	—	.7	.1	...	
Not reported .....	...	.1	...	...	.3	6.3	...	1.6	19.7	—	.1	.1	.4	—	...	
<b>Elevator on Floor</b>																
Multiunits, 2 or more floors .....	...	.7	...	...	7.3	75.7	...	16.2	17.4	.3	1.0	.4	2.0	.8	...	
With 1 or more elevators working .....	...	.1	...	...	1.4	5.2	...	.7	12.2	—	—	.2	—	—	...	
With elevator, none in working condition .....	...	—	...	...	—	—	...	—	—	—	—	—	—	—	...	
No elevator .....	...	.6	...	...	5.9	70.5	...	15.4	17.8	.3	1.0	.3	2.0	.8	...	
Units 3 or more floors from main entrance .....	...	.1	...	...	—	4.5	...	1.6	25.1	—	.1	—	—	—	...	
<b>Foundation</b>																
1-unit building, excluding manufactured/mobile homes .....	...	3.0	...	...	293.4	71.8	...	9.3	11.3	4.9	2.9	4.0	9.1	12.6	...	
With basement under all of building .....	...	—	...	...	2.5	1.0	...	.1	12.8	—	.1	—	.1	—	...	
With basement under part of building .....	...	—	...	...	.6	—	...	—	—	—	—	—	—	—	...	
With crawl space .....	...	.6	...	...	59.0	25.0	...	3.6	12.5	1.5	.8	1.0	3.8	.8	...	
On concrete slab .....	...	1.1	...	...	212.8	39.5	...	4.4	9.9	2.9	1.7	2.2	4.0	11.4	...	
Other .....	...	1.3	...	...	18.4	6.4	...	1.1	14.5	.4	.3	.8	1.2	.4	...	
<b>External Building Conditions<sup>2</sup></b>																
Sagging roof .....	25.8	.6	25.2	17.4	9.5	7.9	7.7	2.7	24.2	.3	.4	.3	4.1	—	2.8	
Missing roofing material .....	36.9	.1	36.7	27.5	15.4	12.1	9.2	3.8	23.2	.4	.4	.4	4.2	.2	2.2	
Hole in roof .....	29.3	—	29.3	23.6	12.5	11.1	5.7	1.8	13.7	.3	.4	.4	2.7	—	2.3	
Missing bricks, siding, other outside wall material .....	38.2	.5	37.7	26.5	13.3	13.2	11.3	4.7	25.7	.4	.4	.7	5.0	—	2.5	
Slipping outside walls .....	27.0	.3	26.6	18.9	9.5	9.4	7.7	2.7	21.7	.3	.4	.2	4.1	—	2.6	
Boarded up windows .....	24.5	.5	24.1	12.3	7.0	5.3	11.7	5.1	48.4	.6	.3	1.3	4.6	—	1.8	
Broken windows .....	41.6	.3	41.3	28.3	15.0	13.3	13.0	5.6	29.3	.4	.7	1.3	4.9	.3	3.9	
Bars on windows .....	79.9	—	79.9	72.0	40.4	31.6	8.0	4.3	11.9	.6	.7	.1	2.3	—	.3	
Foundation crumbling or has open crack or hole .....	25.1	.2	24.9	19.1	9.8	9.2	5.9	2.3	19.3	.3	.3	.4	2.6	.3	1.2	
None of the above .....	377.7	2.9	374.8	345.6	241.1	104.5	29.1	15.8	13.0	3.8	2.3	3.2	3.9	13.9	18.0	
Not reported .....	10.7	—	10.7	9.6	5.0	4.5	1.1	.3	5.7	—	—	.1	.7	.3	.4	
<b>Site Placement</b>																
Manufactured/mobile homes .....	...	.2	...	...	19.4	4.7	...	.5	8.9	—	.2	.9	2.0	1.4	27.8	
First site .....	...	—	...	...	13.2	1.8	...	—	—	—	—	.3	.9	.8	16.2	
Moved from another site .....	...	—	...	...	3.5	1.7	...	.2	8.9	—	—	—	—	—	5.4	
Don't know .....	...	.2	...	...	2.7	1.1	...	.3	20.3	—	.2	.6	1.1	.6	6.2	
Not reported .....	...	—	...	...	—	—	...	—	—	—	—	—	—	—	—	

<sup>1</sup>Figures exclude manufactured/mobile homes.

<sup>2</sup>Figures 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 Census 2000. ... means not applicable or sample too small. – means zero or rounds to zero]

Characteristics	Total housing units	Seasonal	Year-round											New construction 4 years	Manufactured/mobile homes	
			Occupied			Vacant										
			Total	Owner	Renter	Total	For rent	Rental vacancy rate	For sale only	Rented or sold	Occasional use/URE	Other vacant				
<b>Total</b> .....	<b>561.0</b>	<b>4.0</b>	<b>557.1</b>	<b>498.2</b>	<b>323.3</b>	<b>174.9</b>	<b>58.9</b>	<b>29.8</b>	<b>14.4</b>	<b>5.1</b>	<b>4.4</b>	<b>5.6</b>	<b>14.0</b>	<b>15.1</b>	<b>27.8</b>	
<b>Rooms</b>																
1 room .....	1.1	–	1.1	.6	.2	.5	.4	.1	23.0	–	–	–	.3	–	–	
2 rooms .....	5.8	.6	5.2	3.7	–	3.7	1.5	.8	18.7	–	–	.3	.4	–	–	
3 rooms .....	49.4	.8	48.5	36.6	3.5	33.2	11.9	8.4	19.9	–	.4	.6	2.6	.5	1.2	
4 rooms .....	113.3	1.2	112.1	91.3	29.5	61.8	20.8	12.0	16.0	.7	1.4	2.6	4.1	1.3	9.9	
5 rooms .....	136.2	.5	135.7	124.2	80.5	43.6	11.6	6.0	12.0	1.6	.4	.6	3.0	4.5	10.6	
6 rooms .....	119.2	.3	119.0	113.2	88.8	24.5	5.7	1.5	5.8	.7	.7	.4	2.4	3.2	4.4	
7 rooms .....	74.2	.2	74.0	69.4	64.8	4.6	4.6	.6	11.7	1.2	.7	1.2	.9	2.5	1.1	
8 rooms .....	33.1	.3	32.8	32.1	30.2	1.9	.7	–	–	.3	.3	–	.1	1.6	.6	
9 rooms .....	15.0	–	15.0	14.3	14.1	.2	.7	.1	44.9	.2	.1	–	.3	.6	–	
10 rooms or more .....	13.8	.2	13.6	12.7	11.8	1.0	.9	.1	13.4	.4	.3	–	–	.8	–	
<b>Bedrooms</b>																
None .....	3.7	.4	3.2	1.8	.2	1.6	1.5	.8	32.0	–	–	–	.7	–	.2	
1 .....	65.0	.8	64.2	50.9	5.9	45.0	13.3	9.5	17.2	–	.3	1.0	2.5	.5	1.6	
2 .....	154.8	1.5	153.4	128.7	54.2	74.5	24.7	14.1	15.6	1.1	1.9	2.8	4.9	1.6	10.6	
3 .....	237.6	.9	236.7	222.2	177.3	44.9	14.5	4.7	9.4	2.7	1.2	.9	4.9	7.9	13.1	
4 or more .....	100.0	.5	99.6	94.7	85.7	8.9	4.9	.8	7.9	1.3	1.0	.9	1.0	5.0	2.3	
<b>Complete Bathrooms</b>																
None .....	12.5	.4	12.1	3.3	1.0	2.3	8.8	2.4	48.5	.7	.3	.8	4.5	–	1.6	
1 .....	208.5	1.8	206.7	176.5	64.5	112.0	30.1	19.9	15.0	.8	1.6	2.8	5.0	1.0	10.2	
1 1/2 .....	61.6	.3	61.3	57.4	34.4	23.0	3.9	3.1	11.8	.1	.3	.1	.3	.3	2.1	
2 or more .....	278.5	1.5	277.0	260.9	223.4	37.6	16.0	4.3	10.2	3.4	2.3	1.9	4.2	13.8	13.9	
<b>Square Footage of Unit</b>																
Single detached and manufactured/mobile homes .....	376.8	3.0	373.8	348.3	299.3	49.0	25.5	5.1	9.4	4.6	2.6	3.9	9.4	13.1	27.8	
Less than 500 .....	5.5	.1	5.3	4.0	3.0	1.0	1.3	–	–	–	–	.3	1.0	–	1.1	
500 to 749 .....	10.8	–	10.8	9.4	5.9	3.5	1.5	.9	20.1	–	–	.2	.4	.2	3.4	
750 to 999 .....	25.3	.6	24.7	21.0	15.6	5.4	3.8	.9	13.8	.4	.1	.4	1.9	.6	6.3	
1,000 to 1,499 .....	86.1	.6	85.5	80.4	66.7	13.7	5.1	1.0	6.7	.4	.4	1.0	2.2	1.9	8.7	
1,500 to 1,999 .....	82.9	.3	82.6	79.9	71.8	8.0	2.7	.6	6.5	.7	.3	.4	.7	2.3	2.1	
2,000 to 2,499 .....	54.2	.2	54.1	52.6	48.8	3.8	1.5	–	–	1.0	.1	.1	.3	2.6	1.2	
2,500 to 2,999 .....	24.6	–	24.6	23.3	22.5	.8	1.3	.2	19.7	.3	.4	–	.4	1.3	.3	
3,000 to 3,999 .....	22.6	–	22.6	21.2	20.5	.7	1.5	–	–	1.0	.3	.2	–	.9	–	
4,000 or more .....	16.6	.2	16.5	15.4	14.7	.7	1.0	–	–	.5	.3	.2	.1	1.4	.3	
Not reported (includes don't know) .....	48.1	1.0	47.1	41.2	29.8	11.4	5.9	1.6	12.2	.3	.5	1.1	2.4	2.0	4.3	
<b>Median</b> .....	<b>1 721</b>	<b>...</b>	<b>1 724</b>	<b>1 743</b>	<b>1 803</b>	<b>1 325</b>	<b>1 324</b>	<b>999</b>	<b>...</b>	<b>2 282</b>	<b>...</b>	<b>...</b>	<b>1 043</b>	<b>2 115</b>	<b>1 050</b>	
<b>Lot Size<sup>1</sup></b>																
1-unit structures .....	421.8	3.1	418.7	385.4	310.1	75.3	33.3	9.6	11.2	4.7	3.1	4.9	11.0	14.0	27.4	
Less than 1/8 acre .....	130.0	1.2	128.8	114.2	79.8	34.4	14.6	5.7	13.9	1.6	.6	1.7	5.1	4.4	8.9	
1/8 up to 1/4 acre .....	185.3	.3	185.0	175.9	150.2	25.7	9.0	2.0	7.2	2.0	1.7	.7	2.7	5.1	6.7	
1/4 up to 1/2 acre .....	47.7	.6	47.1	43.9	37.7	6.2	3.2	.1	2.3	.9	.3	.4	1.4	1.4	4.2	
1/2 up to 1 acre .....	21.5	.1	21.4	20.5	17.2	3.3	.9	–	–	–	.2	–	.8	1.3	1.6	
1 up to 5 acres .....	29.8	.8	29.0	25.2	20.3	4.9	3.9	1.2	19.4	.3	.1	1.5	.7	1.7	5.5	
5 up to 10 acres .....	3.5	.2	3.3	2.9	2.6	.3	.4	–	–	–	–	–	.1	–	.4	
10 acres or more .....	4.0	–	4.0	2.7	2.3	.5	1.3	.6	48.5	–	–	.3	.1	–	.2	
<b>Median</b> .....	<b>.18</b>	<b>...</b>	<b>.18</b>	<b>.18</b>	<b>.19</b>	<b>.15</b>	<b>.16</b>	<b>.13</b>	<b>...</b>	<b>.18</b>	<b>...</b>	<b>.29</b>	<b>.15</b>	<b>.19</b>	<b>.22</b>	

<sup>1</sup>Does not include cooperatives or condominiums.



**Table 1-5. Fuels—All Housing Units**

[Numbers in thousands. Consistent with Census 2000. ... means not applicable or sample too small. – means zero or rounds to zero]

Characteristics	Total housing units	Seasonal	Year-round											New construction 4 years	Manufactured/mobile homes	
			Occupied			Vacant										
			Total	Owner	Renter	Total	For rent	Rental vacancy rate	For sale only	Rented or sold	Occasional use/URE	Other vacant				
<b>Total</b> .....	<b>561.0</b>	<b>4.0</b>	<b>557.1</b>	<b>498.2</b>	<b>323.3</b>	<b>174.9</b>	<b>58.9</b>	<b>29.8</b>	<b>14.4</b>	<b>5.1</b>	<b>4.4</b>	<b>5.6</b>	<b>14.0</b>	<b>15.1</b>	<b>27.8</b>	
<b>Main House Heating Fuel</b>																
Housing units with heating fuel .....	556.3	3.7	552.6	497.4	323.1	174.2	55.2	29.2	14.2	4.9	4.1	5.5	11.6	15.1	27.6	
Electricity .....	304.7	2.6	302.1	273.7	161.4	112.3	28.4	17.0	13.1	2.9	2.0	2.9	3.7	11.6	23.0	
Piped gas .....	240.8	.9	239.9	214.3	154.9	59.4	25.6	12.1	16.6	1.8	2.1	2.3	7.3	3.5	2.5	
Bottled gas .....	5.7	.2	5.5	5.0	4.0	1.0	.5	–	–	–	.2	–	.2	–	1.3	
Fuel oil .....	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
Kerosene or other liquid fuel .....	4.3	–	4.3	3.5	2.0	1.5	.8	.1	8.2	–	–	.1	.5	–	.8	
Coal or coke .....	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
Wood .....	.3	–	.3	.3	.3	–	–	–	–	–	–	–	–	–	–	
Solar energy .....	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
Other .....	.5	–	.5	.5	.5	–	–	–	–	–	–	–	–	–	–	
<b>Other House Heating Fuels<sup>1</sup></b>																
With other heating fuel .....	82.7	.5	82.2	79.4	59.8	19.6	2.9	1.9	8.7	.4	–	.4	.1	3.2	4.5	
Electricity .....	39.3	.3	38.9	38.0	27.0	11.0	.9	.7	6.3	–	–	.2	–	.2	2.1	
Gas .....	22.1	–	22.1	21.3	15.4	5.9	.9	.7	11.0	–	–	.1	–	1.0	.4	
Fuel oil .....	1.7	–	1.7	1.7	1.1	.6	–	–	–	–	–	–	–	–	–	
Kerosene or other liquid fuel .....	.3	–	.3	.3	.2	.2	–	–	–	–	–	–	–	–	–	
Coal or coke .....	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
Wood .....	24.4	.2	24.3	23.0	19.3	3.7	1.2	.6	13.1	.4	–	.1	.1	1.7	1.8	
Solar energy .....	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
Other .....	1.8	–	1.8	1.8	1.6	.2	–	–	–	–	–	–	–	.3	.2	
<b>Cooking Fuel</b>																
With cooking fuel .....	537.9	3.6	534.4	497.1	322.6	174.4	37.3	20.9	10.7	3.7	3.0	4.4	5.3	15.1	26.5	
Electricity .....	276.4	2.3	274.1	250.0	153.2	96.8	24.1	14.2	12.7	2.0	1.6	2.9	3.3	10.2	20.6	
Gas .....	260.2	1.3	259.0	245.8	168.3	77.5	13.2	6.7	7.9	1.7	1.4	1.4	2.0	4.9	5.9	
Kerosene or other liquid fuel .....	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
Coal or coke .....	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
Wood .....	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
Other .....	1.3	–	1.3	1.3	1.1	.2	–	–	–	–	–	–	–	–	–	
<b>Water Heating Fuel</b>																
With hot piped water .....	553.9	3.7	550.2	497.0	322.5	174.6	53.2	28.2	13.8	4.6	4.3	5.0	11.1	15.1	27.1	
Electricity .....	255.2	2.6	252.6	227.6	131.6	96.0	25.0	14.5	13.0	1.9	1.9	2.2	4.6	10.6	23.5	
Gas .....	297.4	1.1	296.3	268.9	190.5	78.4	27.4	13.6	14.5	2.7	2.3	2.9	6.0	4.5	3.7	
Fuel oil .....	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
Kerosene or other liquid fuel .....	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
Coal or coke .....	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
Wood .....	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
Solar energy .....	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
Other .....	1.3	–	1.3	.5	.3	.2	.9	.1	48.0	–	.1	–	.6	–	–	
<b>Central Air Conditioning Fuel</b>																
With central air conditioning .....	423.5	2.2	421.3	390.2	274.4	115.7	31.1	16.3	12.3	4.3	3.0	3.0	4.6	14.9	16.8	
Electricity .....	412.8	2.1	410.7	380.7	266.6	114.1	30.0	15.9	12.2	4.1	3.0	2.6	4.5	14.7	16.8	
Gas .....	10.4	.2	10.3	9.1	7.5	1.6	1.1	.4	20.2	.1	–	.4	.1	.2	–	
Other .....	.3	–	.3	.3	.3	–	–	–	–	–	–	–	–	–	–	
<b>Clothes Dryer Fuel</b>																
With clothes dryer .....	423.9	1.2	422.7	413.8	311.4	102.4	8.9	2.9	2.8	1.6	.5	1.4	2.5	14.0	20.9	
Electricity .....	239.4	.9	238.5	233.5	168.5	65.0	5.0	2.4	3.5	.3	.3	.9	1.2	10.9	19.2	
Gas .....	184.0	.3	183.7	179.9	142.6	37.2	3.9	.6	1.5	1.3	.3	.5	1.2	2.9	1.7	
Other .....	.4	–	.4	.4	.3	.1	–	–	–	–	–	–	–	.1	–	
<b>Units Using Each Fuel<sup>1</sup></b>																
Electricity .....	560.9	4.0	556.9	498.0	323.3	174.7	58.9	29.8	14.4	5.1	4.4	5.6	14.0	15.1	27.8	
Gas .....	382.0	4.0	378.0	329.6	235.3	94.3	48.5	19.7	17.1	5.1	4.0	5.6	14.0	6.5	10.9	
Fuel oil .....	71.0	4.0	67.0	34.3	21.2	13.2	32.7	5.9	30.5	5.0	2.7	5.2	14.0	1.3	6.1	
Kerosene or other liquid fuel .....	4.6	–	4.6	3.8	2.2	1.7	.8	.1	7.5	–	–	.1	.5	–	.8	
Coal or coke .....	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
Wood .....	24.8	.2	24.6	23.3	19.7	3.7	1.2	.6	13.1	.4	–	.1	.1	1.7	1.8	
Solar energy .....	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
Other .....	5.5	–	5.5	4.6	4.0	.6	.9	.1	19.7	–	.1	–	.6	.4	.2	
All electric units .....	200.2	2.2	198.0	176.6	95.9	80.7	21.4	14.2	14.9	1.6	1.3	2.1	2.3	9.2	18.5	

<sup>1</sup>Figures 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—Con.**

[Numbers in thousands. Consistent with Census 2000. ... 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	Manu-fac-tured/mobile homes	
			Total	Occupied			Vacant								
				Total	Owner	Renter	Total	For rent	Rental vacan-cy rate	For sale only	Rent-ed or sold	Occa-sional use/ URE			Other vacant
<b>Trash, Litter, or Junk on Streets or Any Properties Within 300 Feet</b>															
None .....	450.3	3.3	446.9	408.7	279.6	129.2	38.2	17.7	11.9	4.1	3.5	4.5	8.4	13.2	20.0
Minor accumulation .....	61.8	.3	61.5	50.2	24.2	26.0	11.3	7.1	21.1	.3	.4	.6	2.9	1.0	4.3
Major accumulation .....	37.6	.3	37.3	29.4	13.9	15.5	7.9	4.4	21.6	.4	.4	.4	2.1	.5	3.1
Not reported .....	11.4	–	11.4	9.8	5.6	4.2	1.6	.6	12.2	.3	–	.1	.6	.3	.4

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

<sup>2</sup>Two or more units of any tenure in the structure.

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

[Numbers in thousands. Consistent with Census 2000. ... means not applicable or sample too small. — means zero or rounds to zero]

Characteristics	Total housing units	Seasonal	Year-round											New construction 4 years	Manufactured/mobile homes	
			Occupied			Vacant										
			Total	Owner	Renter	Total	For rent	Rental vacancy rate	For sale only	Rented or sold	Occasional use/URE	Other vacant				
<b>Total</b> .....	<b>561.0</b>	<b>4.0</b>	<b>557.1</b>	<b>498.2</b>	<b>323.3</b>	<b>174.9</b>	<b>58.9</b>	<b>29.8</b>	<b>14.4</b>	<b>5.1</b>	<b>4.4</b>	<b>5.6</b>	<b>14.0</b>	<b>15.1</b>	<b>27.8</b>	
<b>Monthly Housing Costs<sup>1</sup></b>																
Less than \$100 .....	...	...	...	8.9	7.4	1.4	...	.1	9.2	...	...	...	...	...	...	2.6
\$100 to \$199 .....	...	...	...	64.8	58.0	6.7	...	—	—	...	...	...	...	1.0	6.0	
\$200 to \$249 .....	...	...	...	35.8	33.7	2.1	...	.1	6.4	...	...	...	...	1.0	1.6	
\$250 to \$299 .....	...	...	...	26.3	22.7	3.5	...	.4	10.9	...	...	...	...	1.1	3.1	
\$300 to \$349 .....	...	...	...	20.1	14.9	5.2	...	2.0	28.1	...	...	...	...	.3	2.0	
\$350 to \$399 .....	...	...	...	18.2	11.6	6.6	...	3.5	34.8	...	...	...	...	.5	2.3	
\$400 to \$449 .....	...	...	...	17.6	8.2	9.7	...	3.0	23.6	...	...	...	...	—	.2	
\$450 to \$499 .....	...	...	...	19.4	6.8	12.5	...	3.4	21.3	...	...	...	...	.2	1.3	
\$500 to \$599 .....	...	...	...	49.4	17.3	32.1	...	6.6	17.1	...	...	...	...	.2	2.2	
\$600 to \$699 .....	...	...	...	51.1	21.9	29.2	...	3.3	10.1	...	...	...	...	.6	2.1	
\$700 to \$799 .....	...	...	...	41.7	22.6	19.2	...	1.7	8.1	...	...	...	...	1.3	.8	
\$800 to \$999 .....	...	...	...	50.0	31.6	18.4	...	1.6	7.8	...	...	...	...	2.4	.7	
\$1,000 to \$1,249 .....	...	...	...	32.6	25.5	7.1	...	.8	10.3	...	...	...	...	1.6	—	
\$1,250 to \$1,499 .....	...	...	...	18.4	15.9	2.6	...	.2	8.7	...	...	...	...	.8	—	
\$1,500 or more .....	...	...	...	29.3	25.0	4.3	...	.7	14.9	...	...	...	...	3.3	.3	
Depends on occupant's income .....	...	...	...	...	...	...	...	2.1	...	...	...	...	...	...	...	
No cash rent .....	...	...	...	14.4	...	14.4	...	—	—	...	...	...	...	.2	.8	
<b>Median (excludes no cash rent)</b> .....	...	...	...	<b>562</b>	<b>486</b>	<b>601</b>	...	<b>518</b>	...	...	...	...	...	<b>873</b>	<b>277</b>	
<b>Median Monthly Housing Costs for Owners</b>																
Monthly costs including all mortgages plus maintenance costs .....	...	...	...	551	551	...	...	...	...	...	...	...	...	946	281	
Monthly costs excluding second and subsequent mortgages and maintenance costs .....	...	...	...	481	481	...	...	...	...	...	...	...	...	916	254	
<b>Rent Reductions</b>																
No subsidy .....	...	...	...	...	...	141.2	...	22.1	13.4	...	1.5	...	...	1.1	4.9	
Rent control .....	...	...	...	...	...	—	...	—	—	...	—	...	...	—	—	
No rent control .....	...	...	...	...	...	140.9	...	21.8	13.2	...	1.5	...	...	1.1	4.9	
Reduced by owner .....	...	...	...	...	...	8.7	...	—	—	...	—	...	...	.2	1.6	
Not reduced by owner .....	...	...	...	...	...	130.6	...	—	—	...	—	...	...	.8	2.8	
Owner reduction not reported .....	...	...	...	...	...	1.7	...	21.8	86.7	...	1.5	...	...	.1	.5	
Rent control not reported .....	...	...	...	...	...	.3	...	.3	49.4	...	—	...	...	—	—	
Owned by public housing authority .....	...	...	...	...	...	7.4	...	1.4	15.9	...	.1	...	...	.2	—	
Government subsidy .....	...	...	...	...	...	7.2	...	1.8	20.3	...	—	...	...	.2	—	
Other, income verification .....	...	...	...	...	...	11.4	...	—	—	...	—	...	...	.3	—	
Subsidy not reported .....	...	...	...	...	...	7.6	...	4.4	36.0	...	.3	...	...	.2	.2	
<b>OWNER HOUSING UNITS</b>																
<b>Total</b> .....	...	...	...	...	<b>323.3</b>	...	...	...	...	<b>5.1</b>	<b>2.4</b>	...	...	<b>13.2</b>	<b>19.6</b>	
<b>Average Monthly Cost Paid for Real Estate Taxes</b>																
Less than \$25 .....	...	...	...	...	220.5	...	...	...	...	4.2	1.6	...	...	8.4	19.1	
\$25 to \$49 .....	...	...	...	...	29.7	...	...	...	...	.5	—	...	...	.9	.3	
\$50 to \$74 .....	...	...	...	...	20.9	...	...	...	...	.2	.2	...	...	1.4	—	
\$75 to \$99 .....	...	...	...	...	11.7	...	...	...	...	—	.3	...	...	.5	—	
\$100 to \$149 .....	...	...	...	...	20.2	...	...	...	...	—	—	...	...	.5	.2	
\$150 to \$199 .....	...	...	...	...	6.5	...	...	...	...	.3	.4	...	...	.4	—	
\$200 or more .....	...	...	...	...	13.8	...	...	...	...	—	—	...	...	1.1	—	
<b>Median</b> .....	...	...	...	...	<b>25-</b>	...	...	...	...	<b>25-</b>	...	...	...	<b>25-</b>	<b>25-</b>	
<b>Annual Taxes Paid per \$1,000 Value</b>																
Less than \$5 .....	...	...	...	...	262.6	...	...	...	...	4.7	1.7	...	...	10.1	18.2	
\$5 to \$9 .....	...	...	...	...	39.2	...	...	...	...	.4	.4	...	...	1.8	.2	
\$10 to \$14 .....	...	...	...	...	10.2	...	...	...	...	—	—	...	...	.6	.2	
\$15 to \$19 .....	...	...	...	...	5.4	...	...	...	...	—	.1	...	...	.2	.5	
\$20 to \$24 .....	...	...	...	...	2.9	...	...	...	...	—	—	...	...	.5	—	
\$25 or more .....	...	...	...	...	3.0	...	...	...	...	—	.1	...	...	—	.6	
<b>Median</b> .....	...	...	...	...	<b>5-</b>	...	...	...	...	<b>5-</b>	...	...	...	<b>5-</b>	<b>5-</b>	
<b>Condominium and Cooperative Fee</b>																
Fee paid by owners .....	...	...	...	...	7.0	...	...	...	...	.3	—	...	...	.2	...	
Less than \$25 per month .....	...	...	...	...	.2	...	...	...	...	—	—	...	...	—	...	
\$25 to \$49 .....	...	...	...	...	.2	...	...	...	...	—	—	...	...	—	...	
\$50 to \$74 .....	...	...	...	...	.2	...	...	...	...	—	—	...	...	—	...	
\$75 to \$99 .....	...	...	...	...	.3	...	...	...	...	—	—	...	...	—	...	
\$100 to \$149 .....	...	...	...	...	1.2	...	...	...	...	—	—	...	...	—	...	
\$150 to \$199 .....	...	...	...	...	1.3	...	...	...	...	—	—	...	...	—	...	
\$200 or more per month .....	...	...	...	...	1.6	...	...	...	...	—	—	...	...	—	...	
Not reported .....	...	...	...	...	2.1	...	...	...	...	.3	—	...	...	.2	...	
<b>Median</b> .....	...	...	...	...	<b>167</b>	...	...	...	...	...	...	...	...	...	...	
<b>Other Housing Costs per Month</b>																
Homeowner association fee paid .....	...	...	...	...	18.3	...	...	...	...	—	—	...	...	2.4	—	
<b>Median</b> .....	...	...	...	...	<b>18</b>	...	...	...	...	...	...	...	...	...	...	
Manufactured/mobile home park fee paid .....	...	...	...	...	.6	...	...	...	...	—	—	...	...	—	.6	
<b>Median</b> .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Land rent fee paid .....	...	...	...	...	.8	...	...	...	...	—	—	...	...	—	—	
<b>Median</b> .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	



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

[Numbers in thousands. Consistent with Census 2000. ... 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	Manu-fac-tured/mobile homes		
			Total	Occupied			Vacant									
				Total	Owner	Renter	Total	For rent	Rental vacan-cy rate	For sale only	Rent-ed or sold	Occa-sional use/ URE			Other vacant	
<b>OWNER HOUSING UNITS—Con.</b>																
<b>Value<sup>2</sup></b>																
Less than \$10,000 .....	...	...	...	...	9.6	...	...	...	...	...	—	—	...	...	.3	8.2
\$10,000 to \$19,999 .....	...	...	...	...	8.0	...	...	...	...	...	.1	.2	...	...	.2	5.9
\$20,000 to \$29,999 .....	...	...	...	...	2.8	...	...	...	...	...	—	—	...	...	.2	.8
\$30,000 to \$39,999 .....	...	...	...	...	3.9	...	...	...	...	...	—	—	...	...	.2	2.3
\$40,000 to \$49,999 .....	...	...	...	...	4.1	...	...	...	...	...	.1	—	...	...	.5	1.3
\$50,000 to \$59,999 .....	...	...	...	...	8.8	...	...	...	...	...	.4	.3	...	...	.2	—
\$60,000 to \$69,999 .....	...	...	...	...	12.6	...	...	...	...	...	.3	—	...	...	.2	.2
\$70,000 to \$79,999 .....	...	...	...	...	22.9	...	...	...	...	...	—	.1	...	...	.4	—
\$80,000 to \$99,999 .....	...	...	...	...	48.1	...	...	...	...	...	.3	—	...	...	1.0	.4
\$100,000 to \$119,999 .....	...	...	...	...	36.3	...	...	...	...	...	—	.3	...	...	1.3	—
\$120,000 to \$149,999 .....	...	...	...	...	48.7	...	...	...	...	...	.7	.3	...	...	1.3	.5
\$150,000 to \$199,999 .....	...	...	...	...	55.6	...	...	...	...	...	1.1	.5	...	...	2.5	—
\$200,000 to \$249,999 .....	...	...	...	...	22.8	...	...	...	...	...	.6	.2	...	...	1.3	—
\$250,000 to \$299,999 .....	...	...	...	...	14.3	...	...	...	...	...	.3	—	...	...	1.0	—
\$300,000 or more .....	...	...	...	...	24.7	...	...	...	...	...	1.1	.6	...	...	2.6	—
<b>Median</b> .....	...	...	...	...	<b>122 726</b>	...	...	...	...	...	<b>173 690</b>	...	...	...	<b>165 872</b>	<b>12 730</b>
<b>Other Activities on Property</b>																
Medical or commercial establishment .....	...	...	...	...	1.5	...	...	...	...	...	—	—	...	...	—	—
Neither .....	...	...	...	...	321.8	...	...	...	...	...	5.1	2.4	...	...	13.2	19.6

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

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

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

[Numbers in thousands. Consistent with Census 2000. ... 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 <sup>1</sup>		
		Owner	Renter	New construction 4 years	Manufactured/mobile homes	Physical problems		Black alone	Hispanic	Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three
						Severe	Moderate								
<b>Sample Size</b> .....	<b>3 058</b>	<b>1 992</b>	<b>1 066</b>	<b>88</b>	<b>98</b>	<b>70</b>	<b>204</b>	<b>1 065</b>	<b>184</b>	<b>614</b>	<b>462</b>	<b>550</b>	<b>1 085</b>	<b>1 111</b>	<b>425</b>
<b>Total</b> .....	<b>498.2</b>	<b>323.3</b>	<b>174.9</b>	<b>14.4</b>	<b>24.1</b>	<b>11.9</b>	<b>33.5</b>	<b>172.7</b>	<b>29.7</b>	<b>99.5</b>	<b>77.4</b>	<b>89.7</b>	<b>178.1</b>	<b>172.4</b>	<b>77.1</b>
<b>Tenure</b>															
Owner occupied .....	323.3	323.3	...	12.6	19.4	4.9	13.1	84.3	18.5	81.0	24.2	39.2	93.4	111.4	63.6
Percent of all occupied .....	64.9	100.0	...	87.7	80.7	41.3	38.9	48.8	62.3	81.4	31.3	43.8	52.4	64.6	82.5
Renter occupied .....	174.9	...	174.9	1.8	4.7	7.0	20.5	88.4	11.2	18.5	53.1	50.5	84.7	61.0	13.5
<b>Race and Origin</b>															
White alone .....	311.9	229.3	82.6	9.8	17.7	5.1	10.8	...	25.5	68.0	48.2	37.1	62.9	127.4	68.3
Non-Hispanic .....	286.4	212.7	73.8	8.8	16.2	4.4	10.2	...	...	63.0	43.9	34.8	58.7	112.0	66.5
Hispanic .....	25.5	16.6	8.8	1.0	1.5	.7	1.6	...	25.5	5.0	4.3	2.3	4.2	15.3	1.8
Black alone .....	172.7	84.3	88.4	3.7	4.1	6.5	21.9	172.7	3.0	30.3	26.0	50.7	111.3	38.3	6.9
Non-Hispanic .....	169.6	83.2	86.5	3.7	4.1	6.4	21.5	169.6	—	29.6	25.5	50.0	109.5	37.4	6.7
Hispanic .....	3.0	1.1	1.9	—	—	.1	.3	3.0	3.0	.6	.4	.8	1.8	.9	.2
American Indian or Alaska Native alone .....	1.5	1.5	—	—	.5	—	—	—	.1	.2	.2	—	.2	.7	.6
Asian alone .....	7.8	5.3	2.4	.9	1.3	—	.3	...	.4	.3	2.3	.8	2.0	4.9	.2
Pacific Islander alone <sup>2</sup> .....	.5	.4	.2	—	.2	—	—	...	.2	—	—	—	.2	—	.4
Two or more races .....	3.8	2.5	1.3	—	.3	.3	.5	...	.5	.8	.8	1.1	1.6	1.1	.7
Hispanic or Latino (of any race) <sup>3</sup> .....	29.7	18.5	11.2	1.0	1.5	.9	1.1	3.0	29.7	5.8	4.7	3.4	6.3	17.0	2.2
<b>Units in Structure</b>															
1, detached .....	324.2	279.9	44.3	11.2	...	4.5	14.7	93.9	18.8	75.7	28.7	45.1	96.6	116.5	58.7
1, attached .....	41.0	13.5	27.5	.8	...	2.2	5.4	24.5	1.5	6.7	9.3	12.6	31.7	7.1	1.3
2 to 4 .....	54.6	6.8	47.8	.5	...	1.8	7.0	26.0	3.5	4.6	14.5	15.0	26.2	20.4	2.2
5 to 9 .....	18.1	1.2	16.9	—	...	.8	2.4	9.0	.9	1.0	7.1	5.4	6.9	8.0	1.3
10 to 19 .....	13.0	.3	12.7	.3	...	.5	1.0	6.2	1.6	1.0	4.7	3.0	4.2	7.4	.9
20 to 49 .....	10.4	1.1	9.3	.2	...	.3	1.0	3.6	1.0	2.4	3.5	1.2	4.7	4.9	.8
50 or more .....	12.8	1.0	11.8	—	...	.5	.5	5.3	.8	3.5	3.9	3.6	7.5	4.7	.6
Manufactured/mobile home or trailer .....	24.1	19.4	4.7	1.4	24.1	1.4	1.5	4.1	1.5	4.6	5.7	3.8	.2	3.4	11.3
<b>Cooperatives and Condominiums</b>															
Cooperatives .....	.7	.5	.2	—	.3	.3	—	—	—	.5	.2	—	.2	.5	—
Condominiums .....	13.5	6.9	6.6	.2	—	.2	.5	2.4	1.0	3.0	2.9	2.4	5.9	5.7	1.7
<b>Year Structure Built<sup>4</sup></b>															
2000 to 2004 .....	18.7	16.2	2.4	14.4	1.7	.2	.5	5.1	1.2	1.0	6.7	1.8	3.5	5.0	6.4
1995 to 1999 .....	14.4	11.3	3.1	...	2.4	.1	—	4.2	1.1	1.7	2.0	2.3	3.6	2.4	6.2
1990 to 1994 .....	17.8	15.3	2.5	...	1.7	—	.3	3.8	.9	2.4	2.3	1.1	3.0	5.1	6.2
1985 to 1989 .....	31.5	25.0	6.5	...	5.1	.4	.8	9.2	1.5	4.2	4.3	4.4	6.0	8.1	9.2
1980 to 1984 .....	38.4	28.1	10.3	...	4.4	1.8	.6	11.3	1.7	7.0	4.7	6.4	6.5	11.3	12.7
1975 to 1979 .....	61.8	41.8	20.0	...	2.6	.8	2.9	18.4	3.0	7.8	8.3	8.5	11.4	28.7	13.0
1970 to 1974 .....	68.0	38.4	29.6	...	3.8	.6	3.3	24.3	8.0	13.3	12.2	12.4	16.1	35.4	7.8
1960 to 1969 .....	89.3	56.2	33.1	...	2.0	2.1	4.1	26.4	6.4	20.8	11.6	15.9	20.9	44.0	9.5
1950 to 1959 .....	54.5	36.7	17.7	...	.3	1.1	5.5	19.8	2.8	18.5	6.9	11.8	23.1	21.4	2.9
1940 to 1949 .....	41.2	23.1	18.1	...	—	1.1	6.6	22.3	.8	9.4	6.7	11.1	29.2	8.3	.9
1930 to 1939 .....	21.1	10.6	10.5	...	—	1.4	3.5	12.2	.5	4.7	3.4	6.5	18.2	1.1	.7
1920 to 1929 .....	14.0	4.9	9.1	...	—	1.0	2.8	5.9	.8	2.5	5.1	2.9	12.4	.6	.5
1919 or earlier .....	27.4	15.6	11.8	...	—	1.3	2.6	9.8	1.0	6.0	2.9	4.5	24.4	.9	1.3
<b>Median</b> .....	<b>1970</b>	<b>1972</b>	<b>1966</b>	<b>2000+</b>	<b>1984</b>	<b>1961</b>	<b>1952</b>	<b>1966</b>	<b>1972</b>	<b>1964</b>	<b>1971</b>	<b>1965</b>	<b>1952</b>	<b>1971</b>	<b>1981</b>
<b>Selected Geographic Areas</b>															
Jefferson Parish .....	172.4	111.4	61.0	4.1	3.4	2.9	5.1	38.3	17.0	33.2	26.0	28.0	—	172.4	—
Orleans Parish .....	178.1	93.4	84.7	2.2	.2	6.6	21.0	111.3	6.3	38.2	28.5	44.0	178.1	—	—
St. Bernard Parish .....	24.1	17.8	6.3	.4	1.9	.5	.7	1.5	2.2	5.0	3.5	3.3	—	—	—
St. Charles Parish .....	18.5	14.7	3.8	1.1	2.6	.5	1.6	4.5	.5	3.3	2.4	1.8	—	—	—
St. John the Baptist Parish .....	18.4	15.9	2.5	1.0	2.4	—	.4	8.8	.9	3.8	2.7	3.0	—	—	—
St. Tammany Parish .....	77.1	63.6	13.5	5.1	11.3	1.3	4.0	6.9	2.2	15.1	12.4	8.9	—	—	77.1

<sup>1</sup>See back cover for details.

<sup>2</sup>Native Hawaiian and other Pacific Islander.

<sup>3</sup>Because Hispanics may be of any race, data can overlap slightly with other groups. Most Hispanics report themselves as White, but some report themselves as Black or in other categories.

<sup>4</sup>For manufactured/mobile homes, oldest category is 1939 or earlier.







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

[Numbers in thousands. **Consistent with Census 2000.** ... 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 <sup>1</sup>		
		Owner	Renter	New construction 4 years	Manufactured/mobile homes	Physical problems		Black alone	Hispanic	Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three
						Severe	Moderate								
<b>Primary Source of Water</b>															
Public system or private company .....	476.2	304.6	171.6	12.0	16.5	11.2	31.6	171.0	29.0	95.0	73.6	86.7	177.8	172.4	55.6
Well serving 1 to 5 units .....	21.6	18.3	3.3	2.4	7.6	.8	2.0	1.7	.7	4.5	3.6	3.0	.3	–	21.1
Drilled .....	19.6	17.2	2.4	2.2	6.9	.6	1.6	1.7	.7	4.1	3.0	3.0	.3	–	19.3
Dug .....	.5	.2	.3	–	.2	–	.1	–	–	–	.2	–	–	–	.4
Not reported .....	1.5	.9	.6	.2	.4	.2	.2	–	–	.4	.4	–	–	–	1.5
Other .....	.4	.4	–	–	–	–	–	–	–	–	.2	–	–	–	.4
<b>Safety of Primary Source of Water</b>															
Selected primary water sources <sup>3</sup> .....	498.2	323.3	174.9	14.4	24.1	11.9	33.5	172.7	29.7	99.5	77.4	89.7	178.1	172.4	77.1
Safe to drink .....	413.7	268.1	145.6	11.5	20.0	8.6	26.2	139.8	23.4	88.2	63.7	74.8	149.4	143.1	70.3
Not safe to drink .....	73.7	51.0	22.8	2.4	3.6	3.3	6.7	29.8	6.2	10.1	11.1	13.0	25.8	23.3	5.5
Safety not reported .....	10.8	4.2	6.5	.5	.5	–	.6	3.1	.2	1.1	2.6	2.0	2.9	6.0	1.3
<b>Source of Drinking Water</b>															
Primary source not safe to drink .....	73.7	51.0	22.8	2.4	3.6	3.3	6.7	29.8	6.2	10.1	11.1	13.0	25.8	23.3	5.5
Drinking and primary water source the same .....	4.0	2.1	1.9	.2	.8	.3	1.0	2.4	.2	.6	.5	1.3	2.1	.4	.7
Public or private system .....	3.8	2.1	1.7	.2	.8	.3	.8	2.4	.2	.6	.5	1.3	2.1	.4	.7
Individual well .....	.1	–	.1	–	–	–	.1	–	–	–	–	–	–	–	–
Spring .....	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cistern .....	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Stream or lake .....	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Other .....	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Drinking and primary water source different .....	69.5	48.6	20.9	2.2	2.8	2.8	5.7	27.4	5.8	9.5	10.6	11.7	23.7	22.9	4.6
Public or private system .....	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Individual well .....	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Spring .....	3.4	2.6	.8	–	.6	.2	–	2.5	–	.8	.7	.5	2.0	1.0	–
Cistern .....	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Stream or lake .....	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Commercial bottled water .....	57.9	39.8	18.2	1.8	2.2	2.5	5.1	23.7	4.7	8.0	8.2	10.1	19.2	18.8	4.0
Other .....	8.2	6.3	2.0	.5	–	.2	.6	1.3	1.1	.8	1.7	1.1	2.6	3.0	.5
Source of drinking water not reported .....	.2	.2	–	–	–	.2	–	–	.2	–	–	–	–	–	.2
<b>Means of Sewage Disposal</b>															
Public sewer .....	462.9	292.5	170.4	11.4	14.5	11.2	30.7	170.3	29.1	93.2	72.5	86.0	177.8	171.5	44.3
Septic tank, cesspool, chemical toilet .....	35.1	30.6	4.5	2.9	9.5	.6	2.9	2.2	.7	6.1	4.9	3.5	.3	.8	32.6
Other .....	.2	.2	–	–	–	.2	–	.2	–	.2	–	.2	–	–	.2

<sup>1</sup>See back cover for details.

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

<sup>3</sup>Excludes units where primary source of water is commercial bottled water.













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

[Numbers in thousands. Consistent with Census 2000. ... 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 <sup>1</sup>		
		Owner	Renter	New construction 4 years	Manufactured/mobile homes	Physical problems		Black alone	Hispanic	Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three
						Severe	Moderate								
<b>Bars on Windows of Buildings Within 300 Feet</b>															
No bars on windows .....	350.9	241.6	109.4	12.7	21.4	7.9	14.9	94.6	24.1	69.6	52.2	55.4	84.5	139.7	69.5
1 building with bars .....	10.7	7.8	2.9	—	.9	.3	.9	3.4	.3	2.0	1.6	2.8	4.2	4.1	.2
2 or more buildings with bars .....	97.0	53.2	43.8	.6	.9	2.8	14.7	59.5	4.2	19.5	15.4	22.7	71.8	16.0	.7
No buildings .....	8.5	4.4	4.1	.2	.2	.3	.8	4.7	.2	1.7	1.9	2.8	4.6	1.3	2.6
Not reported .....	31.0	16.4	14.7	.9	.7	.5	2.2	10.5	1.0	6.7	6.4	6.0	13.1	11.2	4.1
<b>Condition of Streets Within 300 Feet</b>															
No repairs needed .....	224.3	161.4	62.9	9.2	11.4	3.1	10.9	62.5	11.9	49.4	33.6	35.1	49.3	100.2	47.5
Minor repairs needed .....	187.9	118.0	69.9	3.3	9.9	5.5	12.8	64.9	13.3	35.7	28.9	33.5	72.5	58.6	20.3
Major repairs needed .....	75.2	37.4	37.8	1.4	2.6	3.4	9.1	42.2	4.4	12.5	12.9	18.8	52.9	10.4	6.5
No streets .....	1.0	.8	.2	.2	—	—	—	.3	—	.3	.2	.1	—	.3	.5
Not reported .....	9.8	5.7	4.1	.3	.2	—	.7	2.8	.2	1.5	1.8	2.3	3.4	2.9	2.4
<b>Trash, Litter, or Junk on Streets or Any Properties Within 300 Feet</b>															
None .....	408.7	279.6	129.2	12.5	17.1	8.0	22.3	128.5	25.7	85.1	62.7	68.4	134.5	152.0	65.1
Minor accumulation .....	50.2	24.2	26.0	1.0	4.0	1.6	6.8	23.7	2.9	7.8	8.2	10.8	25.2	11.7	5.4
Major accumulation .....	29.4	13.9	15.5	.5	2.8	2.2	3.9	18.4	.9	5.1	4.6	8.6	15.2	5.5	4.4
Not reported .....	9.8	5.6	4.2	.3	.2	.2	.5	2.1	.3	1.5	1.9	1.9	3.2	3.1	2.2
<b>Parking Lots<sup>2</sup></b>															
With parking lots .....	89.0	29.6	59.4	1.1	2.9	3.4	7.7	32.3	6.3	11.4	23.2	19.1	28.2	42.1	8.7
Residents only .....	52.5	9.1	43.5	.6	2.2	2.2	3.9	20.4	5.0	5.8	17.8	11.2	13.0	30.3	5.1
Shoppers or workers only .....	33.7	14.9	18.8	.3	1.0	1.2	2.5	8.8	2.1	4.8	7.8	5.4	9.0	14.9	3.4
Anyone .....	24.1	9.4	14.7	.5	—	1.5	2.3	8.6	1.5	3.3	4.6	5.4	8.7	12.3	1.9
Kind not reported .....	1.8	1.3	.5	—	—	.1	.4	1.0	—	.6	.5	.5	1.4	.3	.2
No parking lots within 300 Feet .....	399.4	287.7	111.7	12.9	21.0	8.5	25.3	138.1	23.1	86.6	52.4	68.9	146.7	127.3	66.0
Parking lot not reported .....	9.8	6.0	3.8	.3	.2	—	.5	2.3	.3	1.5	1.7	1.7	3.2	2.9	2.4
<b>Manufactured/Mobile Homes in Group</b>															
Manufactured/mobile homes .....	24.1	19.4	4.7	1.4	24.1	1.4	1.5	4.1	1.5	4.6	5.7	3.8	.2	3.4	11.3
1 to 6 .....	17.1	13.5	3.7	.9	17.1	.4	1.5	3.1	.3	3.3	4.0	2.6	.2	1.2	10.1
7 to 20 .....	4.2	3.5	.7	—	4.2	.7	—	1.0	.6	.6	1.0	.7	—	.9	—
21 or more .....	2.8	2.5	.3	.5	2.8	.3	—	—	.5	.7	.7	.5	—	1.2	1.2

<sup>1</sup>See back cover for details.

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

<sup>3</sup>Limited to single attached and multiunits.





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

[Numbers in thousands. Consistent with Census 2000. ... 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 <sup>1</sup>		
		Owner	Renter	New construction 4 years	Manufactured/mobile homes	Physical problems		Black alone	Hispanic	Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three
						Severe	Moderate								
<b>Household Moves and Formation in Last Year</b>															
Total with a move in last year . . . . .	101.8	40.1	61.7	7.3	7.4	3.0	7.5	36.0	6.7	8.3	77.4	22.8	38.6	32.3	17.3
Household all moved here from one unit . . . . .	68.7	22.4	46.3	6.0	5.1	2.5	4.8	23.9	3.6	5.2	68.7	16.9	25.2	23.2	11.5
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 . . . . .	6.4	1.1	5.4	.2	.3	—	.1	1.4	.6	—	6.4	.3	2.4	2.2	.8
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 . . . . .	26.7	16.7	10.1	1.1	2.0	.5	2.6	10.7	2.5	3.1	2.3	5.5	11.0	6.9	5.1
No previous householder moved here . . . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1 or more previous householders moved here . . . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Previous householder(s) not reported . . . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Number of previous units not reported . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

<sup>1</sup>See back cover for details.

<sup>2</sup>Figures 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 Census 2000. ... 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 <sup>1</sup>		
		Owner	Renter	New construction 4 years	Manufactured/mobile homes	Physical problems		Black alone	Hispanic	Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three
						Severe	Moderate								
<b>HOUSEHOLDER MOVED DURING PAST YEAR FROM WITHIN THE UNITED STATES.</b>															
<b>Total</b> .....	<b>76.4</b>	<b>24.0</b>	<b>52.5</b>	<b>6.2</b>	<b>5.4</b>	<b>2.7</b>	<b>5.1</b>	<b>25.7</b>	<b>4.7</b>	<b>5.2</b>	<b>76.4</b>	<b>17.9</b>	<b>28.0</b>	<b>25.5</b>	<b>12.4</b>
<b>Structure Type of Previous Residence</b>															
Moved from within the United States ...	76.4	24.0	52.5	6.2	5.4	2.7	5.1	25.7	4.7	5.2	76.4	17.9	28.0	25.5	12.4
House .....	38.0	13.4	24.6	4.3	1.8	1.5	2.9	11.9	2.1	3.2	38.0	7.8	13.1	12.0	8.9
Apartment .....	27.5	6.0	21.5	1.3	1.1	.8	1.9	11.5	2.0	.5	27.5	7.2	12.2	10.0	2.0
Manufactured/mobile home .....	2.8	1.5	1.3	.4	1.8	—	.2	.3	.3	—	2.8	.3	.2	.5	.6
Other .....	2.4	.6	1.8	—	—	—	—	.5	.2	.2	2.4	.8	1.0	.5	.4
Not reported .....	5.7	2.4	3.3	.2	.7	.4	.1	1.5	.2	1.3	5.7	1.7	1.5	2.6	.6
<b>Tenure of Previous Residence</b>															
House, apartment, manufactured/mobile home in the United States .....	68.3	20.9	47.4	6.0	4.7	2.3	4.9	23.7	4.4	3.7	68.3	15.4	25.5	22.5	11.5
Owner occupied .....	21.1	10.1	11.0	3.4	1.8	.5	1.5	3.4	.9	2.0	21.1	2.7	4.9	7.1	5.6
Renter occupied .....	47.2	10.8	36.4	2.6	2.9	1.8	3.5	20.3	3.4	1.7	47.2	12.6	20.6	15.4	5.9
<b>Persons — Previous Residence</b>															
House, apartment, manufactured/mobile home in the United States .....	68.3	20.9	47.4	6.0	4.7	2.3	4.9	23.7	4.4	3.7	68.3	15.4	25.5	22.5	11.5
1 person .....	11.6	2.7	8.9	.5	1.2	.2	.8	4.0	1.1	1.3	11.6	2.6	5.7	3.9	1.1
2 persons .....	17.7	6.8	10.9	2.1	1.6	.6	.9	3.9	1.1	1.5	17.7	2.8	5.9	5.5	3.4
3 persons .....	12.8	4.1	8.7	1.7	.6	.6	1.3	4.8	1.0	.2	12.8	2.3	4.7	4.6	2.1
4 persons .....	10.4	3.5	6.8	.6	.4	.2	.8	4.1	.8	.2	10.4	3.1	3.5	3.7	2.1
5 persons .....	6.9	1.4	5.5	.6	—	.3	.6	3.4	.2	.2	6.9	2.8	2.4	2.1	1.5
6 persons .....	2.1	.5	1.6	—	.4	—	—	.6	.2	.1	2.1	.3	.3	.3	.4
7 persons or more .....	1.6	.3	1.3	.2	—	.2	.3	1.1	—	—	1.6	.5	1.1	.2	.3
Not reported .....	5.1	1.6	3.5	.3	.4	.2	.2	1.6	.2	.3	5.1	.9	1.9	2.2	.6
<b>Previous Home Owned or Rented by Someone Who Moved Here</b>															
House, apartment, manufactured/mobile home in the United States .....	68.3	20.9	47.4	6.0	4.7	2.3	4.9	23.7	4.4	3.7	68.3	15.4	25.5	22.5	11.5
Owned or rented by a mover .....	52.9	17.1	35.8	5.4	3.9	1.8	3.4	18.0	4.0	3.2	52.9	11.5	19.7	17.1	9.3
Owned or rented by other .....	12.1	3.0	9.1	.3	.8	.3	1.4	5.1	.2	.2	12.1	3.2	4.6	3.8	2.0
By a relative .....	8.6	2.0	6.6	.1	.2	—	1.1	3.6	.2	.2	8.6	2.2	2.8	3.0	1.7
By a nonrelative .....	3.5	1.0	2.5	.2	.6	.3	.3	1.4	—	—	3.5	1.0	1.9	.8	.3
Not reported .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Not reported .....	3.3	.8	2.5	.3	—	.2	.2	.6	.2	.3	3.3	.7	1.1	1.7	.2
<b>Change in Housing Costs</b>															
House, apartment, manufactured/mobile home in the United States .....	68.3	20.9	47.4	6.0	4.7	2.3	4.9	23.7	4.4	3.7	68.3	15.4	25.5	22.5	11.5
Increased with move .....	34.0	13.6	20.4	3.8	2.2	.8	2.2	11.4	1.7	1.5	34.0	6.6	13.5	10.3	5.4
Decreased .....	14.7	2.7	12.0	.4	1.6	.5	1.4	5.2	.7	.6	14.7	3.8	4.9	4.7	3.0
Stayed about the same .....	15.1	3.0	12.1	1.4	.8	.9	1.2	6.1	1.6	.9	15.1	3.9	5.8	4.8	2.8
Don't know .....	2.8	1.3	1.5	.2	—	—	—	.8	.3	.4	2.8	.3	.7	1.6	.4
Not reported .....	1.7	.3	1.4	.3	—	.2	.2	.2	—	.3	1.7	.7	.5	1.0	—

<sup>1</sup>See back cover for details.





Table 2-11. **Reasons for Move and Choice of Current Residence—Occupied Units—Con.**

[Numbers in thousands. Consistent with Census 2000. ... 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 <sup>1</sup>		
		Owner	Renter	New construction 4 years	Manufactured/mobile homes	Physical problems		Black alone	Hispanic	Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three
						Severe	Moderate								
<b>RESPONDENT MOVED DURING PAST YEAR—Con.</b>															
<b>Main Reason for Choice of Present Home</b>															
All reported reasons equal .....	3.0	1.5	1.5	.3	.3	.2	—	.5	.8	—	3.0	.2	1.1	.8	—
Financial reasons .....	19.7	4.0	15.7	.5	1.6	1.2	2.0	7.5	1.1	1.0	19.0	5.6	7.6	6.5	3.4
Room layout/design .....	12.2	5.1	7.0	2.1	.5	—	.2	3.8	.3	.8	12.2	2.2	5.5	2.7	2.7
Kitchen .....	.5	.2	.3	—	—	—	—	.2	—	.2	.5	.3	.3	.2	—
Size .....	13.5	2.4	11.1	.8	.5	.2	1.1	6.3	.8	.4	13.3	4.0	6.3	4.5	1.7
Exterior appearance .....	3.4	.8	2.6	—	—	.2	.5	1.3	.5	—	3.2	.5	1.8	1.2	—
Yard/trees/view .....	1.9	1.2	.7	.2	.2	.2	—	.2	.1	.1	1.9	—	.3	.3	1.1
Quality of construction .....	1.7	1.2	.5	.5	.4	.2	—	.6	.1	.2	1.5	.2	.8	.3	.2
Only one available .....	2.3	.4	2.0	.2	.2	—	.5	.9	.2	.2	2.3	.5	.5	1.2	.4
Other .....	14.1	5.5	8.6	1.2	1.2	.1	.7	4.2	1.1	1.4	12.8	2.9	4.1	4.4	2.6
Not reported .....	7.4	3.5	3.9	.5	1.0	.6	.1	1.5	—	1.7	7.2	2.1	1.7	3.9	.6
<b>Home Search</b>															
Now in house .....	39.5	19.7	19.8	5.0	...	1.5	2.5	14.6	2.5	2.5	37.8	8.7	16.0	11.2	7.2
Did not look at apartments .....	26.3	15.8	10.6	4.3	...	.3	1.2	8.5	2.1	1.6	24.9	4.6	9.4	6.7	6.5
Looked at apartments too .....	10.0	1.3	8.8	.2	...	1.0	1.1	5.0	.4	.4	9.9	3.2	5.7	2.8	.6
Search not reported .....	3.2	2.7	.5	.5	...	.2	.1	1.1	—	.5	3.0	1.0	.9	1.7	.2
Now in manufactured/mobile home .....	5.9	3.5	2.3	.7	5.9	.4	.5	.5	.5	1.2	5.7	1.0	.2	.9	2.8
Did not look at apartments .....	3.5	2.2	1.2	.5	3.5	—	—	.5	.2	.7	3.3	.5	.2	.3	1.6
Looked at apartments too .....	1.4	.5	.9	.2	1.4	.2	.5	—	.3	.2	1.4	.2	—	.3	.8
Search not reported .....	1.0	.8	.2	—	.2	—	—	—	—	.3	1.0	.2	—	.3	.4
Now in apartment .....	34.2	2.5	31.7	.5	...	.6	2.1	11.8	2.1	2.0	33.5	8.7	14.0	13.9	2.6
Did not look at houses .....	20.1	1.0	19.0	.3	...	.6	1.0	6.3	1.3	1.1	19.7	5.3	7.0	8.6	1.7
Looked at houses too .....	10.1	1.2	8.9	.2	...	—	1.1	5.0	.8	—	9.7	2.4	6.0	3.1	.5
Search not reported .....	4.0	.3	3.7	—	...	.2	—	.5	—	.9	4.0	1.0	1.0	2.2	.4
<b>Recent Mover Comparison to Previous Home</b>															
Better home .....	38.8	15.3	23.5	4.7	1.9	.5	2.1	14.5	3.8	2.1	37.2	7.4	15.5	12.7	5.6
Worse home .....	12.0	1.6	10.4	.4	1.1	1.0	1.2	4.4	.5	1.3	11.8	3.8	4.4	3.1	2.7
About the same .....	21.0	5.3	15.7	.6	1.8	.6	1.7	6.4	.8	.7	20.1	4.9	8.4	6.2	3.5
Not reported .....	7.9	3.6	4.2	.5	1.0	.6	.1	1.6	—	1.7	7.7	2.3	1.9	4.0	.8
<b>Recent Mover Comparison to Previous Neighborhood</b>															
Better neighborhood .....	30.2	10.4	19.9	2.5	1.6	1.0	1.9	11.0	2.4	2.0	29.0	6.8	12.2	9.3	5.2
Worse neighborhood .....	10.4	2.0	8.4	.6	1.0	.5	1.3	4.2	.9	.5	10.4	3.1	3.9	2.6	1.7
About the same .....	28.5	9.1	19.4	2.7	2.2	.6	1.4	8.7	1.6	1.5	27.2	5.8	10.6	9.4	4.8
Same neighborhood .....	2.3	.5	1.8	—	—	—	.3	1.3	.2	—	2.3	.5	1.7	.5	.2
Not reported .....	8.1	3.8	4.4	.5	1.0	.6	.1	1.6	—	1.8	8.0	2.3	1.9	4.1	.8

<sup>1</sup>See back cover for details.

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







**Table 2-13. Selected Housing Costs—Occupied Units—Con.**

[Numbers in thousands. Consistent with Census 2000. ... 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 <sup>1</sup>		
		Owner	Renter	New construction 4 years	Manufactured/mobile homes	Physical problems		Black alone	Hispanic	Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three
						Severe	Moderate								
<b>OWNER OCCUPIED UNITS—Con.</b>															
<b>Other Housing Costs per Month</b>															
Homeowner association fee paid.....	18.3	18.3	...	2.4	—	—	.2	2.8	.2	3.1	1.7	.8	4.4	3.3	9.1
<b>Median</b> .....	<b>18</b>	<b>18</b>	...	...	...	...	...	...	...	...	...	...	<b>10-</b>	...	<b>18</b>
Manufactured/mobile home park fee paid.....	.6	.6	...	—	.6	—	—	—	.3	.3	.3	—	—	.3	—
<b>Median</b> .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Land rent fee paid.....	.8	.8	...	—	—	—	—	—	—	—	—	.3	.5	—	.2
<b>Median</b> .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
<b>Government Subsidy for Repairs</b>															
Units with major repairs in the last 2 years.....	190.7	190.7	...	4.5	11.6	2.2	8.0	46.1	11.7	44.0	13.3	18.9	54.0	62.5	43.3
Received low-interest loan or grant.....	4.1	4.1	...	.2	.3	.2	.6	2.1	—	.3	.2	.2	2.2	1.0	.4
No low-interest loan or grant.....	185.2	185.2	...	4.1	11.3	2.1	7.4	43.3	11.6	43.6	12.8	18.4	51.4	60.9	42.8
Not reported.....	1.4	1.4	...	.2	—	—	—	.8	.1	.2	.3	.3	.3	.6	.2

<sup>1</sup>See back cover for details.

<sup>2</sup>Beginning with 1989, this item uses current income in its calculation, see Appendix A.

<sup>3</sup>May 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—**  
**Con.**

[Numbers in thousands. **Consistent with Census 2000.** ... 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
<b>OWNER OCCUPIED UNITS</b>										
<b>Total</b> .....	<b>323.3</b>	<b>.2</b>	<b>32.9</b>	<b>169.3</b>	<b>120.9</b>	<b>.2</b>	<b>5.9</b>	<b>54.2</b>	<b>177.3</b>	<b>85.7</b>
<b>Value</b>										
Less than \$10,000 .....	9.6	–	3.1	6.0	.5	–	.9	2.4	5.6	.8
\$10,000 to \$19,999 .....	8.0	–	2.8	4.9	.3	–	.2	3.2	4.3	.3
\$20,000 to \$29,999 .....	2.8	–	.5	2.0	.4	–	–	1.1	1.4	.4
\$30,000 to \$39,999 .....	3.9	–	.5	2.5	.9	–	–	.9	2.7	.3
\$40,000 to \$49,999 .....	4.1	–	.5	3.2	.5	–	–	1.2	2.8	.2
\$50,000 to \$59,999 .....	8.8	–	1.5	4.9	2.4	–	.1	2.5	4.0	2.1
\$60,000 to \$69,999 .....	12.6	–	2.8	8.7	1.1	–	.2	5.2	5.8	1.4
\$70,000 to \$79,999 .....	22.9	–	6.1	12.9	3.9	–	1.1	7.7	10.8	3.4
\$80,000 to \$99,999 .....	48.1	–	6.3	31.3	10.5	–	.8	9.7	31.0	6.6
\$100,000 to \$119,999 .....	36.3	–	1.2	25.3	9.9	–	.2	3.9	26.2	6.1
\$120,000 to \$149,999 .....	48.7	–	2.0	27.5	19.1	–	.2	4.4	31.8	12.3
\$150,000 to \$199,999 .....	55.6	.2	3.5	25.1	26.8	.2	1.3	5.9	28.5	19.6
\$200,000 to \$249,999 .....	22.8	–	.8	7.8	14.2	–	.2	3.3	9.9	9.5
\$250,000 to \$299,999 .....	14.3	–	.2	3.4	10.7	–	.2	.7	6.3	7.1
\$300,000 or more .....	24.7	–	1.1	3.8	19.8	–	.6	2.3	6.1	15.7
<b>Median</b> .....	<b>122 726</b>	<b>...</b>	<b>77 942</b>	<b>106 565</b>	<b>170 560</b>	<b>...</b>	<b>92 785</b>	<b>86 131</b>	<b>115 516</b>	<b>172 934</b>

<sup>1</sup>Does not include cooperatives or condominiums.



**Table 2-18. Square Footage by Household and Unit Size, Income, and Costs—Occupied Units**

[Numbers in thousands. Consistent with Census 2000. ... means not applicable or sample too small. – means zero or rounds to zero]

Characteristics	Size of occupied detached 1-family homes and 1-family manufactured/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
<b>Total</b> .....	<b>348.3</b>	<b>4.0</b>	<b>30.3</b>	<b>80.4</b>	<b>79.9</b>	<b>52.6</b>	<b>59.9</b>	<b>41.2</b>	<b>1 743</b>
<b>Persons</b>									
1 person .....	82.3	1.5	11.4	24.7	15.6	10.0	8.5	10.6	1 464
2 persons .....	114.5	1.0	9.0	24.0	28.8	18.1	22.4	11.2	1 806
3 persons .....	61.2	.5	5.0	12.9	15.2	10.4	9.0	8.2	1 766
4 persons .....	50.9	.4	2.7	10.7	11.6	8.0	12.0	5.4	1 884
5 persons .....	24.6	.3	1.6	4.8	5.2	3.7	5.7	3.3	1 877
6 persons .....	10.8	—	.6	2.5	2.3	1.6	1.5	2.3	1 744
7 persons or more .....	4.0	.2	—	.8	1.2	.8	.8	.3	1 897
<b>Rooms</b>									
1 room .....	—	—	—	—	—	—	—	—	...
2 rooms .....	.4	.3	—	.1	—	—	—	—	...
3 rooms .....	5.9	.7	2.6	1.0	—	—	—	1.6	787
4 rooms .....	32.4	—	10.4	8.9	3.1	2.1	2.1	5.2	1 142
5 rooms .....	89.0	.8	11.4	37.1	16.5	5.5	3.9	13.8	1 343
6 rooms .....	97.2	.3	4.8	24.5	32.6	13.2	9.4	12.3	1 695
7 rooms .....	66.3	.9	.8	7.1	20.5	17.6	14.8	4.6	2 046
8 rooms .....	31.0	.3	—	1.2	5.4	9.5	12.4	2.1	2 393
9 rooms .....	14.1	—	—	.2	.6	3.0	9.9	.5	2500+
10 rooms or more .....	12.1	.2	.3	.3	1.1	1.6	7.5	1.1	2500+
<b>Bedrooms</b>									
None .....	.1	—	—	.1	—	—	—	—	...
1 .....	8.6	1.1	3.9	1.5	—	—	—	2.1	777
2 .....	57.5	.7	13.4	18.9	7.8	4.1	3.6	9.0	1 269
3 .....	192.2	1.6	11.0	53.1	55.0	27.7	21.6	22.2	1 676
4 or more .....	89.8	.7	2.1	6.7	17.0	20.7	34.8	7.8	2 350
<b>Complete Bathrooms</b>									
None .....	.8	—	.4	.3	—	—	—	.1	...
1 .....	81.6	2.4	20.0	28.1	9.3	2.2	3.0	16.6	1 181
1 1/2 .....	34.6	.5	3.1	14.2	7.9	2.8	1.9	4.0	1 409
2 or more .....	231.3	1.1	6.9	37.8	62.6	47.5	55.0	20.4	1 976
<b>Lot Size<sup>1</sup></b>									
1-unit structures .....	347.5	4.0	30.3	80.4	79.7	52.4	59.8	40.9	1 742
Less than 1/8 acre .....	91.7	2.4	10.9	24.1	18.2	11.8	10.0	14.3	1 534
1/8 up to 1/4 acre .....	163.9	.9	13.0	37.8	42.0	26.7	26.8	16.8	1 760
1/4 up to 1/2 acre .....	42.7	.2	1.5	8.6	9.3	6.9	11.3	4.9	1 964
1/2 up to 1 acre .....	19.5	—	1.8	4.3	4.3	3.0	3.8	2.3	1 784
1 up to 5 acres .....	24.2	.3	2.9	5.0	4.4	3.1	6.0	2.5	1 799
5 up to 10 acres .....	2.9	—	—	.4	.9	.8	.9	—	...
10 acres or more .....	2.6	.2	.1	.2	.6	.1	1.1	.2	...
<b>Median</b> .....	<b>.19</b>	<b>...</b>	<b>.17</b>	<b>.18</b>	<b>.19</b>	<b>.19</b>	<b>.22</b>	<b>.17</b>	<b>...</b>
<b>Income of Families and Primary Individuals</b>									
Less than \$5,000 .....	23.9	.3	3.5	6.0	3.5	2.5	3.5	4.7	1 487
\$5,000 to \$9,999 .....	18.2	.6	3.2	4.8	3.3	1.7	1.0	3.6	1 357
\$10,000 to \$14,999 .....	22.7	.4	2.8	6.1	3.0	2.7	2.8	4.9	1 468
\$15,000 to \$19,999 .....	23.2	.5	2.5	5.6	5.7	2.9	2.8	3.1	1 619
\$20,000 to \$24,999 .....	22.7	.8	2.6	7.8	4.2	2.0	1.0	4.4	1 374
\$25,000 to \$29,999 .....	23.8	—	2.8	6.2	5.8	2.9	2.7	3.3	1 606
\$30,000 to \$34,999 .....	29.1	.2	2.9	8.1	7.4	3.7	3.5	3.4	1 615
\$35,000 to \$39,999 .....	19.3	.6	1.8	6.8	3.7	2.2	1.8	2.4	1 444
\$40,000 to \$49,999 .....	33.1	.2	2.5	7.9	9.4	4.9	4.2	4.0	1 708
\$50,000 to \$59,999 .....	23.8	.2	1.4	5.4	7.9	3.7	4.1	1.2	1 774
\$60,000 to \$79,999 .....	36.3	.1	2.1	7.9	12.8	6.6	5.2	1.7	1 783
\$80,000 to \$99,999 .....	24.3	—	1.3	5.0	4.5	5.6	5.6	2.2	2 020
\$100,000 to \$119,999 .....	14.3	—	.6	1.1	3.2	3.7	4.8	1.0	2 248
\$120,000 or more .....	33.7	.2	.3	1.6	5.6	7.6	17.0	1.4	2500+
<b>Median</b> .....	<b>37 750</b>	<b>...</b>	<b>26 059</b>	<b>32 268</b>	<b>43 566</b>	<b>52 573</b>	<b>70 165</b>	<b>24 871</b>	<b>...</b>
<b>Monthly Housing Costs</b>									
Less than \$100 .....	7.0	.2	2.1	1.8	.3	1.0	—	1.6	1 111
\$100 to \$199 .....	55.7	.5	6.0	17.8	13.2	5.2	5.2	7.9	1 489
\$200 to \$249 .....	32.2	.6	2.0	7.7	9.3	4.8	4.1	3.6	1 713
\$250 to \$299 .....	22.7	.6	2.1	4.7	5.0	3.5	3.9	3.0	1 748
\$300 to \$349 .....	15.6	.2	1.6	3.1	2.9	3.1	3.0	1.6	1 860
\$350 to \$399 .....	11.8	.3	2.3	2.4	.7	1.5	2.4	2.2	1 452
\$400 to \$449 .....	9.1	—	1.7	1.8	1.8	.9	1.3	1.6	1 571
\$450 to \$499 .....	8.1	.3	.6	1.6	2.2	1.3	1.3	.8	1 747
\$500 to \$599 .....	21.6	—	3.0	6.0	2.5	2.0	4.0	4.1	1 480
\$600 to \$699 .....	27.6	.2	3.0	9.1	7.2	2.1	2.9	3.1	1 495
\$700 to \$799 .....	24.3	.3	1.6	6.7	6.6	3.1	2.9	3.2	1 651
\$800 to \$999 .....	35.8	.5	1.0	7.5	11.2	7.2	4.7	3.8	1 815
\$1,000 to \$1,249 .....	27.4	—	.5	4.4	9.3	7.5	4.3	1.5	1 935
\$1,250 to \$1,499 .....	15.5	—	.5	1.7	3.5	4.1	4.9	.7	2 205
\$1,500 or more .....	24.4	—	.5	.6	2.9	4.5	14.6	1.3	2500+
No cash rent .....	9.5	.3	1.8	3.3	1.4	.8	.5	1.4	1 288
<b>Median (excludes no cash rent)</b> .....	<b>533</b>	<b>...</b>	<b>360</b>	<b>428</b>	<b>618</b>	<b>719</b>	<b>756</b>	<b>400</b>	<b>...</b>
<b>Median Monthly Housing Costs for Owners</b>									
Monthly costs including all mortgages plus maintenance costs .....	549	...	291	423	602	768	862	398	...
Monthly costs excluding second and subsequent mortgages and maintenance costs .....	473	...	267	334	546	693	751	329	...

Table 2-18. **Square Footage by Household and Unit Size, Income, and Costs—Occupied Units—**  
**Con.**

[Numbers in thousands. **Consistent with Census 2000.** ... means not applicable or sample too small. – means zero or rounds to zero]

Characteristics	Size of occupied detached 1-family homes and 1-family manufactured/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
<b>OWNER OCCUPIED UNITS</b>									
<b>Total</b> .....	<b>299.3</b>	<b>3.0</b>	<b>21.5</b>	<b>66.7</b>	<b>71.8</b>	<b>48.8</b>	<b>57.7</b>	<b>29.8</b>	<b>1 803</b>
<b>Value</b>									
Less than \$10,000 .....	9.1	.4	2.7	3.4	.3	—	.3	2.1	1 068
\$10,000 to \$19,999 .....	7.5	.2	4.1	1.5	.7	.5	.1	.5	909
\$20,000 to \$29,999 .....	2.5	—	.4	.7	.9	—	.3	.1	...
\$30,000 to \$39,999 .....	3.7	.3	.3	1.9	.5	.2	.5	—	...
\$40,000 to \$49,999 .....	3.5	—	.2	.7	.9	.4	.2	1.2	...
\$50,000 to \$59,999 .....	7.8	—	1.7	1.8	2.0	.5	.7	1.1	1 442
\$60,000 to \$69,999 .....	10.7	.3	1.1	2.6	2.5	.7	1.1	2.4	1 514
\$70,000 to \$79,999 .....	19.6	.8	2.7	7.2	3.3	1.1	2.6	1.9	1 372
\$80,000 to \$99,999 .....	44.8	.2	3.9	17.5	9.6	4.0	3.4	6.1	1 436
\$100,000 to \$119,999 .....	34.6	.6	.9	11.5	10.5	4.4	3.1	3.5	1 618
\$120,000 to \$149,999 .....	46.5	.2	1.0	8.7	17.6	10.4	5.1	3.5	1 831
\$150,000 to \$199,999 .....	52.6	—	1.6	5.7	17.2	13.5	10.5	4.2	1 993
\$200,000 to \$249,999 .....	20.6	—	.6	2.2	3.5	6.4	6.7	1.2	2 269
\$250,000 to \$299,999 .....	13.8	—	.2	.5	1.5	4.4	6.3	1.0	2 487
\$300,000 or more .....	22.0	—	.2	.7	1.0	2.2	16.8	1.1	2500+
<b>Median</b> .....	<b>123 762</b>	<b>...</b>	<b>70 930</b>	<b>95 355</b>	<b>128 225</b>	<b>157 818</b>	<b>207 068</b>	<b>98 698</b>	<b>...</b>

<sup>1</sup>Does not include cooperatives or condominiums.



**Table 2-19. Detailed Tenure by Financial Characteristics—Occupied Units—Con.**

[Numbers in thousands. Consistent with Census 2000. ... 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 <sup>1</sup>	
	Total	Specified <sup>2</sup>	Not specified		Total	Specified <sup>2</sup>	Not specified		Specified <sup>3</sup>	Other	Specified <sup>3</sup>	Other
			Condo or Co-op	Other			Condo or Co-op	Other				
<b>OWNER OCCUPIED UNITS—Con.</b>												
<b>Ratio of Value to Current Income</b>												
Less than 1.5	39.3	33.0	1.0	5.2	31.9	18.6	.5	12.9	...	...	...	...
1.5 to 1.9	27.2	25.4	.8	1.0	11.6	10.1	.7	.8	...	...	...	...
2.0 to 2.4	21.5	20.2	.4	1.0	13.5	12.4	.2	.9	...	...	...	...
2.5 to 2.9	16.0	14.6	.2	1.2	10.8	9.4	.1	1.1	...	...	...	...
3.0 to 3.9	27.0	24.8	1.1	1.1	18.1	17.6	.3	.2	...	...	...	...
4.0 to 4.9	12.2	11.9	—	.4	8.3	8.2	—	.1	...	...	...	...
5.0 or more	26.9	24.7	1.3	.8	48.9	47.9	.3	.7	...	...	...	...
Zero or negative income	3.8	3.8	—	—	6.3	5.4	.3	.6	...	...	...	...
<b>Median</b>	<b>2.4</b>	<b>2.5</b>	<b>3.0</b>	<b>1.6</b>	<b>3.2</b>	<b>3.7</b>	<b>...</b>	<b>1.5</b>	...	...	...	...
<b>Average Monthly Cost Paid for Real Estate Taxes</b>												
Less than \$25	107.6	95.1	3.4	9.1	112.9	96.0	1.6	15.3	...	...	...	...
\$25 to \$49	19.2	18.3	.4	.5	10.6	9.6	.2	.8	...	...	...	...
\$50 to \$74	13.1	12.8	—	.3	7.8	7.3	.3	.3	...	...	...	...
\$75 to \$99	7.9	7.8	.2	—	3.8	3.3	.1	.5	...	...	...	...
\$100 to \$149	12.7	11.6	.5	.5	7.5	7.0	.2	.3	...	...	...	...
\$150 to \$199	3.6	3.4	.2	—	2.8	2.5	.3	—	...	...	...	...
\$200 or more	9.7	9.3	.2	.2	4.1	4.0	.2	—	...	...	...	...
<b>Median</b>	<b>25-</b>	<b>25-</b>	<b>25-</b>	<b>25-</b>	<b>25-</b>	<b>25-</b>	<b>...</b>	<b>25-</b>	...	...	...	...
<b>OWNERS WITH ONE OR MORE REGULAR OR LUMP-SUM HOME-EQUITY MORTGAGES</b>												
<b>Total</b>	<b>166.8</b>	<b>152.3</b>	<b>4.6</b>	<b>9.9</b>	...	...	...	...	...	...	...	...
<b>Monthly Payment for Principal and Interest</b>												
One or more regular mortgages	166.8	152.3	4.6	9.9	...	...	...	...	...	...	...	...
Less than \$100	2.5	2.1	—	.4	...	...	...	...	...	...	...	...
\$100 to \$199	5.7	5.0	.1	.6	...	...	...	...	...	...	...	...
\$200 to \$249	5.1	3.9	—	1.2	...	...	...	...	...	...	...	...
\$250 to \$299	4.8	3.5	.2	1.1	...	...	...	...	...	...	...	...
\$300 to \$349	7.9	6.3	.2	1.4	...	...	...	...	...	...	...	...
\$350 to \$399	9.2	8.4	.6	.2	...	...	...	...	...	...	...	...
\$400 to \$449	9.8	8.2	.5	1.1	...	...	...	...	...	...	...	...
\$450 to \$499	13.5	12.6	.3	.5	...	...	...	...	...	...	...	...
\$500 to \$599	20.3	18.4	.8	1.2	...	...	...	...	...	...	...	...
\$600 to \$699	17.8	17.1	.5	.2	...	...	...	...	...	...	...	...
\$700 to \$799	14.3	13.5	.3	.5	...	...	...	...	...	...	...	...
\$800 to \$999	21.6	20.6	.3	.7	...	...	...	...	...	...	...	...
\$1,000 to \$1,249	14.8	14.3	.3	.2	...	...	...	...	...	...	...	...
\$1,250 to \$1,499	6.6	6.3	.2	.1	...	...	...	...	...	...	...	...
\$1,500 or more	12.9	12.2	.2	.5	...	...	...	...	...	...	...	...
<b>Median</b>	<b>626</b>	<b>646</b>	<b>550</b>	<b>398</b>	...	...	...	...	...	...	...	...
<b>Type of Primary Mortgage</b>												
FHA	29.9	28.2	.7	1.0	...	...	...	...	...	...	...	...
VA	7.2	7.1	.2	—	...	...	...	...	...	...	...	...
RHS/RD	1.5	1.3	—	.2	...	...	...	...	...	...	...	...
Other types	113.1	102.2	3.5	7.5	...	...	...	...	...	...	...	...
Don't know	1.1	1.1	—	—	...	...	...	...	...	...	...	...
Not reported	13.9	12.4	.4	1.2	...	...	...	...	...	...	...	...
<b>Mortgage Origination</b>												
Placed new mortgage(s)	165.1	150.5	4.6	9.9	...	...	...	...	...	...	...	...
Primary obtained when property acquired	114.1	102.8	3.5	7.7	...	...	...	...	...	...	...	...
Obtained later	51.0	47.7	1.1	2.1	...	...	...	...	...	...	...	...
Assumed	1.4	1.4	—	—	...	...	...	...	...	...	...	...
Wrap-around	.1	.1	—	—	...	...	...	...	...	...	...	...
Combination of the above	.1	.1	—	—	...	...	...	...	...	...	...	...
<b>Payment Plan of Primary Mortgage</b>												
Fixed payment, self-amortizing	141.1	128.9	4.1	8.1	...	...	...	...	...	...	...	...
Adjustable rate mortgage	3.3	3.1	—	.2	...	...	...	...	...	...	...	...
Adjustable term mortgage	.3	.3	—	—	...	...	...	...	...	...	...	...
Graduated payment mortgage	1.1	1.1	—	—	...	...	...	...	...	...	...	...
Balloon	1.3	1.1	.2	—	...	...	...	...	...	...	...	...
Other	—	—	—	—	...	...	...	...	...	...	...	...
Combination of the above	.9	.9	—	—	...	...	...	...	...	...	...	...
Not reported	18.7	16.8	.4	1.6	...	...	...	...	...	...	...	...
<b>Payment Plan of Secondary Mortgage</b>												
Units with two or more mortgages	13.5	13.2	.2	.1	...	...	...	...	...	...	...	...
Fixed payment, self-amortizing	11.6	11.2	.2	.1	...	...	...	...	...	...	...	...
Adjustable rate mortgage	.2	.2	—	—	...	...	...	...	...	...	...	...
Adjustable term mortgage	.2	.2	—	—	...	...	...	...	...	...	...	...
Graduated payment mortgage	—	—	—	—	...	...	...	...	...	...	...	...
Balloon	—	—	—	—	...	...	...	...	...	...	...	...
Other	—	—	—	—	...	...	...	...	...	...	...	...
Combination of the above	.1	.1	—	—	...	...	...	...	...	...	...	...
Not reported	1.5	1.5	—	—	...	...	...	...	...	...	...	...

**Table 2-19. Detailed Tenure by Financial Characteristics—Occupied Units—Con.**

[Numbers in thousands. Consistent with Census 2000. ... 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 <sup>1</sup>	
	Total	Specified <sup>2</sup>	Not specified		Total	Specified <sup>2</sup>	Not specified		Specified <sup>3</sup>	Other	Specified <sup>3</sup>	Other
			Condo or Co-op	Other			Condo or Co-op	Other				
<b>OWNERS WITH ONE OR MORE REGULAR OR LUMP-SUM HOME-EQUITY MORTGAGES—Con.</b>												
<b>Lenders of Primary and Secondary Mortgages</b>												
Only borrowed from firm(s) .....	149.0	136.5	3.9	8.7	...	...	...	...	...	...	...	...
Only borrowed from seller .....	.7	.5	.2	—	...	...	...	...	...	...	...	...
Only borrowed from other individual(s) .....	.7	.7	—	—	...	...	...	...	...	...	...	...
Borrowed from a firm and seller .....	—	—	—	—	...	...	...	...	...	...	...	...
Borrowed from a firm and other individual .....	.2	—	.2	—	...	...	...	...	...	...	...	...
Borrowed from seller and other individual .....	—	—	—	—	...	...	...	...	...	...	...	...
One or both sources not reported .....	16.2	14.6	.4	1.2	...	...	...	...	...	...	...	...

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









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

[Numbers in thousands. **Consistent with Census 2000.** ... 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
<b>OWNER OCCUPIED UNITS—Con.</b>														
<b>Purchase Price</b>														
Home purchased or built .....	293.0	8.5	8.1	11.3	18.1	18.0	38.1	39.4	49.1	32.7	22.1	13.7	33.9	42 032
Less than \$10,000 .....	10.7	.7	.9	1.6	1.7	.9	1.4	1.2	1.1	.5	.3	—	.3	17 184
\$10,000 to \$19,999 .....	22.2	.9	1.1	2.4	2.4	2.8	4.0	3.2	2.7	1.2	.7	.3	.3	23 418
\$20,000 to \$29,999 .....	20.7	.3	1.5	2.2	2.3	2.6	3.3	2.0	2.9	1.9	.8	.2	.6	24 351
\$30,000 to \$39,999 .....	16.5	.5	.2	.6	2.6	1.3	2.2	3.0	2.5	1.8	.9	.6	.4	33 057
\$40,000 to \$49,999 .....	19.9	.5	.1	.6	2.3	1.1	3.6	3.1	3.0	3.0	1.2	.3	1.1	35 511
\$50,000 to \$59,999 .....	21.4	.2	.8	1.0	.4	1.1	4.3	3.3	4.6	2.8	1.3	.8	.9	38 861
\$60,000 to \$69,999 .....	18.6	.2	.8	.3	1.0	1.5	2.2	2.7	4.0	2.9	1.3	.8	1.2	43 833
\$70,000 to \$79,999 .....	17.4	.3	.1	.2	.5	.6	3.1	2.9	2.8	3.6	1.9	1.1	.3	47 277
\$80,000 to \$99,999 .....	25.9	.2	.5	.2	.7	1.5	3.7	4.0	5.8	3.1	4.3	.9	1.3	48 145
\$100,000 to \$119,999 .....	16.7	.8	.2	.2	—	.3	1.7	1.0	4.1	2.9	1.6	.9	3.0	60 451
\$120,000 to \$149,999 .....	20.4	.2	—	—	.1	—	1.2	2.8	5.0	3.6	1.6	1.8	3.7	63 083
\$150,000 to \$199,999 .....	19.4	.4	.2	—	—	.5	.9	1.7	2.4	1.9	2.3	2.3	7.0	96 512
\$200,000 to \$249,999 .....	5.8	—	—	—	—	.3	.3	.8	.7	.3	.7	.7	1.9	92 433
\$250,000 to \$299,999 .....	5.2	.3	—	—	.2	—	.3	.3	.3	.3	.3	.9	2.7	120K+
\$300,000 or more .....	6.5	.1	—	.2	—	—	.4	.1	.5	—	.2	.5	4.6	120K+
Not reported .....	45.6	3.0	1.7	1.9	3.9	3.2	5.6	7.3	6.7	3.3	2.9	1.5	4.5	34 771
<b>Median</b> .....	<b>66 616</b>	<b>47 072</b>	<b>27 722</b>	<b>23 093</b>	<b>32 615</b>	<b>38 380</b>	<b>53 955</b>	<b>60 687</b>	<b>71 315</b>	<b>71 828</b>	<b>86 041</b>	<b>122 857</b>	<b>161 043</b>	....
Received as inheritance or gift .....	17.2	.3	1.4	2.0	1.1	1.4	2.3	2.5	2.7	1.1	1.1	.5	.9	30 172
Not reported .....	13.0	1.4	.4	.3	.7	.7	1.0	2.3	2.9	.9	.8	.8	.8	38 476
<b>RENTER OCCUPIED UNITS</b>														
<b>Total</b> .....	<b>174.9</b>	<b>13.8</b>	<b>11.4</b>	<b>18.5</b>	<b>19.9</b>	<b>19.8</b>	<b>33.1</b>	<b>25.9</b>	<b>17.6</b>	<b>6.8</b>	<b>3.4</b>	<b>2.1</b>	<b>2.6</b>	<b>21 230</b>
<b>Rent Reductions</b>														
No subsidy .....	141.2	10.4	7.6	11.3	15.1	16.1	29.2	21.5	16.2	6.6	2.9	1.9	2.5	23 453
Rent control .....	—	—	—	—	—	—	—	—	—	—	—	—	—	....
No rent control .....	140.9	10.4	7.6	11.3	15.1	16.0	29.2	21.3	16.2	6.6	2.9	1.9	2.5	23 453
Reduced by owner .....	8.7	.5	.8	1.4	1.2	1.3	.9	.6	1.0	.7	—	—	.3	16 946
Not reduced by owner .....	130.6	9.9	6.6	9.8	13.8	14.5	28.0	20.6	14.8	5.7	2.9	1.9	2.1	23 831
Owner reduction not reported .....	1.7	—	.2	.2	.1	.2	.3	.2	.3	.2	—	—	—	....
Rent control not reported .....	.3	—	—	—	—	.1	—	.1	—	—	—	—	—	....
Owned by public housing authority .....	7.4	.8	1.4	2.2	1.7	.3	.6	.3	—	—	—	—	.2	8 568
Government subsidy .....	7.2	.6	1.5	1.9	.9	1.2	.6	.4	—	—	—	—	—	8 831
Other, income verification .....	11.4	.7	.7	2.7	1.6	1.5	2.0	1.5	.6	.2	—	—	—	15 180
Subsidy not reported .....	7.6	1.3	.3	.4	.6	.7	.6	2.2	.8	—	.5	.2	—	28 658

<sup>1</sup>For manufactured/mobile homes, oldest category is 1939 or earlier.  
<sup>2</sup>Beginning with 1989, this item uses current income in its calculation, see Appendix A.  
<sup>3</sup>May reflect a temporary situation, living off savings, or response error.





















**Table 2-24. Units in Structure by Selected Characteristics—Occupied Units—Con.**

[Numbers in thousands. Consistent with Census 2000. ... means not applicable or sample too small. — means zero or rounds to zero]

Characteristics	Total	1, detached	1, attached	Multiunit						Manu- factured/ mobile homes
				Total	2 to 4	5 to 9	10 to 19	20 to 49	50 or more	
<b>Monthly Cost Paid for Piped Gas</b>										
Piped gas used .....	320.0	242.7	27.8	45.1	31.8	6.0	2.8	2.4	2.1	4.5
Less than \$25 .....	52.2	34.9	4.1	10.3	7.1	1.6	1.0	.2	.4	2.8
\$25 to \$49 .....	140.5	121.8	7.3	10.3	8.2	1.1	.5	.2	.3	1.1
\$50 to \$74 .....	34.4	28.7	2.8	2.6	2.3	.3	—	—	—	.3
\$75 to \$99 .....	8.4	7.9	.2	.3	.3	—	—	—	—	—
\$100 to \$149 .....	7.2	5.6	1.6	—	—	—	—	—	—	—
\$150 to \$199 .....	3.8	2.5	.9	.5	.5	—	—	—	—	—
\$200 or more .....	4.1	3.6	.2	.4	.4	—	—	—	—	—
<b>Median</b> .....	<b>38</b>	<b>39</b>	<b>40</b>	<b>30</b>	<b>32</b>	<b>24</b>	<b>13</b>	<b>2</b>	<b>1</b>	<b>19</b>
Included in rent, other fee, or obtained free .....	69.5	37.7	10.9	20.6	13.1	2.9	1.3	2.0	1.4	.3

<sup>1</sup>Native Hawaiian and other Pacific Islander.

<sup>2</sup>Because Hispanics may be of any race, data can overlap slightly with other groups. Most Hispanics report themselves as White, but some report themselves as Black or in other categories.

<sup>3</sup>For manufactured/mobile homes, oldest category is 1939 or earlier.

<sup>4</sup>Figures may not add to total because more than one category may apply to a unit.

<sup>5</sup>Beginning with 1989, this item uses current income in its calculation, see Appendix A.

<sup>6</sup>May reflect a temporary situation, living off savings, or response error.

**Table 3-1. Introductory Characteristics—Owner Occupied Units**

[Numbers in thousands. Consistent with Census 2000. ... means not applicable or sample too small. – means zero or rounds to zero]

Characteristics	Total occupied units	Housing unit characteristics				Household characteristics					Selected Subareas <sup>1</sup>		
		New construction 4 years	Manufactured/mobile homes	Physical problems		Black alone	Hispanic	Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three
				Severe	Moderate								
<b>Total</b> .....	<b>323.3</b>	<b>12.6</b>	<b>19.4</b>	<b>4.9</b>	<b>13.1</b>	<b>84.3</b>	<b>18.5</b>	<b>81.0</b>	<b>24.2</b>	<b>39.2</b>	<b>93.4</b>	<b>111.4</b>	<b>63.6</b>
<b>Tenure</b>													
Owner occupied .....	323.3	12.6	19.4	4.9	13.1	84.3	18.5	81.0	24.2	39.2	93.4	111.4	63.6
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 .....	...	...	...	...	...	...	...	...	...	...	...	...	...
<b>Race and Origin</b>													
White alone .....	229.3	8.8	14.6	2.7	5.7	...	16.6	57.9	18.0	20.9	39.1	90.3	58.0
Non-Hispanic .....	212.7	8.1	13.1	2.1	5.5	...	...	53.1	16.4	19.5	36.6	81.2	56.3
Hispanic .....	16.6	.7	1.5	.6	.2	...	16.6	4.8	1.6	1.5	2.6	9.1	1.7
Black alone .....	84.3	3.0	2.8	2.1	7.2	84.3	1.1	22.0	4.4	17.2	52.0	16.0	4.2
Non-Hispanic .....	83.2	3.0	2.8	2.1	7.2	83.2	–	21.5	4.4	17.1	51.3	15.9	4.0
Hispanic .....	1.1	–	–	–	–	1.1	1.1	.5	–	.2	.6	.1	.2
American Indian or Alaska Native alone .....	1.5	–	.5	–	–	–	.1	.2	.2	–	.2	.7	.6
Asian alone .....	5.3	.8	1.0	–	–	–	.3	1.3	.6	.6	1.3	3.5	–
Pacific Islander alone <sup>2</sup> .....	.4	–	.2	–	–	–	–	–	–	–	–	–	.4
Two or more races .....	2.5	–	.3	.1	.2	–	.3	.6	.3	.5	.8	.7	.5
Hispanic or Latino (of any race) <sup>3</sup> .....	18.5	.7	1.5	.6	.3	1.1	18.5	5.5	1.6	1.9	3.4	9.7	2.0
<b>Units in Structure</b>													
1, detached .....	279.9	10.5	...	3.0	10.4	74.3	15.7	69.7	16.9	33.9	79.0	102.4	52.3
1, attached .....	13.5	.5	...	.4	1.1	5.1	.5	4.9	1.5	2.5	9.3	2.8	1.1
2 to 4 .....	6.8	.2	...	.2	.5	1.7	.5	1.5	1.1	.6	3.5	2.0	.6
5 to 9 .....	1.2	–	...	.2	–	.3	–	–	.3	–	.3	.3	.6
10 to 19 .....	.3	–	...	–	–	–	–	–	.2	–	.2	.1	–
20 to 49 .....	1.1	–	...	–	–	–	.2	.5	.2	.2	.7	.5	–
50 or more .....	1.0	–	...	–	–	–	.2	.3	.7	–	.5	.5	–
Manufactured/mobile home or trailer .....	19.4	1.4	19.4	1.2	1.0	2.8	1.5	4.0	3.3	2.0	–	2.8	9.0
<b>Cooperatives and Condominiums</b>													
Cooperatives .....	.5	–	.3	.3	–	–	–	.5	–	–	.2	.3	–
Condominiums .....	6.9	.2	–	–	–	.3	.5	1.7	1.5	.7	2.5	2.9	1.3
<b>Year Structure Built<sup>4</sup></b>													
2000 to 2004 .....	16.2	12.6	1.7	.2	–	3.9	.9	.9	5.4	1.0	2.5	4.1	6.0
1995 to 1999 .....	11.3	...	2.2	.1	–	2.6	1.0	1.6	1.1	1.2	1.9	2.1	5.8
1990 to 1994 .....	15.3	...	1.4	–	.2	2.8	.9	2.1	1.2	.8	2.5	4.5	5.7
1985 to 1989 .....	25.0	...	4.3	.2	.7	6.1	1.1	3.4	2.3	2.4	3.7	6.8	7.2
1980 to 1984 .....	28.1	...	4.0	1.3	.5	6.8	1.1	5.3	1.5	3.4	2.7	6.9	11.5
1975 to 1979 .....	41.8	...	.9	.1	.6	8.1	1.6	7.0	1.8	3.0	5.9	19.7	10.1
1970 to 1974 .....	38.4	...	3.0	.1	.9	10.3	4.8	10.8	3.0	4.8	7.7	17.8	6.0
1960 to 1969 .....	56.2	...	1.8	1.2	2.0	11.3	3.6	17.1	3.3	7.2	10.7	26.6	6.8
1950 to 1959 .....	36.7	...	–	.2	1.9	10.2	2.2	15.9	1.9	6.4	13.9	16.0	2.2
1940 to 1949 .....	23.1	...	–	.5	3.0	10.0	.3	8.2	1.4	3.9	15.3	5.6	.5
1930 to 1939 .....	10.6	...	–	.5	.8	4.5	.1	3.0	.2	1.7	8.6	.7	.5
1920 to 1929 .....	4.9	...	–	.2	.8	2.6	–	1.6	.5	.7	4.0	.3	.3
1919 or earlier .....	15.6	...	–	.3	1.6	4.9	1.0	4.3	.8	2.9	14.0	.3	.9
<b>Median</b> .....	<b>1972</b>	<b>2000+</b>	<b>1985</b>	<b>1967</b>	<b>1951</b>	<b>1969</b>	<b>1972</b>	<b>1964</b>	<b>1978</b>	<b>1966</b>	<b>1953</b>	<b>1972</b>	<b>1982</b>

<sup>1</sup>See back cover for details.

<sup>2</sup>Native Hawaiian and other Pacific Islander.

<sup>3</sup>Because Hispanics may be of any race, data can overlap slightly with other groups. Most Hispanics report themselves as White, but some report themselves as Black or in other categories.

<sup>4</sup>For manufactured/mobile homes, oldest category is 1939 or earlier.







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

[Numbers in thousands. Consistent with Census 2000. ... means not applicable or sample too small. — means zero or rounds to zero]

Characteristics	Total occupied units	Housing unit characteristics				Household characteristics					Selected Subareas <sup>1</sup>		
		New construction 4 years	Manufactured/mobile homes	Physical problems		Black alone	Hispanic	Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three
				Severe	Moderate								
<b>Primary Source of Water</b>													
Public system or private company .....	304.6	10.3	13.7	4.4	11.6	83.0	17.8	77.2	21.6	37.6	93.1	111.4	45.2
Well serving 1 to 5 units .....	18.3	2.3	5.7	.6	1.5	1.3	.7	3.8	2.4	1.7	.3	—	18.0
Drilled .....	17.2	2.1	5.7	.6	1.3	1.3	.7	3.6	2.2	1.7	.3	—	16.9
Dug .....	.2	—	—	—	—	—	—	—	—	—	—	—	.2
Not reported .....	.9	.2	—	—	.2	—	—	.2	.2	—	—	—	.9
Other .....	.4	—	—	—	—	—	—	—	.2	—	—	—	.4
<b>Safety of Primary Source of Water</b>													
Selected primary water sources <sup>3</sup> .....	323.3	12.6	19.4	4.9	13.1	84.3	18.5	81.0	24.2	39.2	93.4	111.4	63.6
Safe to drink .....	268.1	10.1	16.6	3.3	10.3	66.0	14.8	71.9	20.1	32.1	77.4	93.0	58.2
Not safe to drink .....	51.0	2.1	2.3	1.6	2.6	17.4	3.6	8.9	3.6	6.6	15.4	16.2	4.3
Safety not reported .....	4.2	.5	.5	—	.2	.8	.2	.1	.6	.5	.7	2.2	1.1
<b>Source of Drinking Water</b>													
Primary source not safe to drink .....	51.0	2.1	2.3	1.6	2.6	17.4	3.6	8.9	3.6	6.6	15.4	16.2	4.3
Drinking and primary water source the same .....	2.1	.2	.5	.2	.3	1.4	.2	.5	.2	.6	1.2	.1	.5
Public or private system .....	2.1	.2	.5	.2	.3	1.4	.2	.5	.2	.6	1.2	.1	.5
Individual well .....	—	—	—	—	—	—	—	—	—	—	—	—	—
Spring .....	—	—	—	—	—	—	—	—	—	—	—	—	—
Cistern .....	—	—	—	—	—	—	—	—	—	—	—	—	—
Stream or lake .....	—	—	—	—	—	—	—	—	—	—	—	—	—
Other .....	—	—	—	—	—	—	—	—	—	—	—	—	—
Drinking and primary water source different .....	48.6	1.9	1.8	1.2	2.3	16.0	3.2	8.4	3.3	6.0	14.2	16.1	3.6
Public or private system .....	—	—	—	—	—	—	—	—	—	—	—	—	—
Individual well .....	—	—	—	—	—	—	—	—	—	—	—	—	—
Spring .....	2.6	—	.4	.2	—	1.9	—	.5	.6	.1	1.5	.7	—
Cistern .....	—	—	—	—	—	—	—	—	—	—	—	—	—
Stream or lake .....	—	—	—	—	—	—	—	—	—	—	—	—	—
Commercial bottled water .....	39.8	1.6	1.4	.9	2.0	13.4	2.6	7.2	1.7	5.6	11.0	13.0	3.2
Other .....	6.3	.3	—	.2	.3	.6	.6	.8	1.1	.3	1.8	2.4	.4
Source of drinking water not reported .....	.2	—	—	.2	—	—	.2	—	—	—	—	—	.2
<b>Means of Sewage Disposal</b>													
Public sewer .....	292.5	10.0	11.9	4.4	10.6	82.5	17.8	75.8	20.7	36.9	93.1	110.5	35.0
Septic tank, cesspool, chemical toilet .....	30.6	2.6	7.5	.4	2.4	1.6	.7	5.0	3.5	2.2	.3	.8	28.4
Other .....	.2	—	—	.2	—	.2	—	.2	—	.2	—	—	.2

<sup>1</sup>See back cover for details.

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

<sup>3</sup>Excludes units where primary source of water is commercial bottled water.













**Table 3-8. Neighborhood—Owner Occupied Units—Con.**

[Numbers in thousands. Consistent with Census 2000. ... means not applicable or sample too small. – means zero or rounds to zero]

Characteristics	Total occupied units	Housing unit characteristics				Household characteristics					Selected Subareas <sup>1</sup>		
		New construction 4 years	Manufactured/mobile homes	Physical problems		Black alone	Hispanic	Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three
				Severe	Moderate								
<b>Bars on Windows of Buildings Within 300 Feet</b>													
No bars on windows .....	241.6	11.1	17.5	3.3	6.1	46.3	16.1	58.1	18.7	25.9	44.0	93.7	58.1
1 building with bars .....	7.8	—	.5	—	.5	1.9	—	1.7	.6	1.4	2.9	3.3	.2
2 or more buildings with bars .....	53.2	.6	.9	1.5	5.7	29.6	1.9	15.4	2.2	9.1	38.2	8.6	.3
No buildings .....	4.4	—	.2	—	.3	2.2	—	1.1	.4	.8	1.9	.4	2.1
Not reported .....	16.4	.9	.3	.2	.5	4.3	.5	4.7	2.4	2.1	6.4	5.3	3.0
<b>Condition of Streets Within 300 Feet</b>													
No repairs needed .....	161.4	8.0	9.2	1.3	5.4	35.0	7.9	40.9	14.0	17.0	28.7	70.9	39.4
Minor repairs needed .....	118.0	3.0	8.1	2.7	4.3	32.0	7.9	28.7	6.9	15.4	38.3	34.2	17.4
Major repairs needed .....	37.4	1.1	2.1	.9	3.2	15.8	2.5	10.1	2.4	5.8	25.0	4.0	5.0
No streets .....	.8	.2	—	—	—	.3	—	.3	.2	.1	—	.3	.4
Not reported .....	5.7	.3	—	—	.2	1.1	.2	1.0	.8	.9	1.5	2.0	1.5
<b>Trash, Litter, or Junk on Streets or Any Properties Within 300 Feet</b>													
None .....	279.6	11.0	14.3	3.2	8.5	67.6	16.9	70.3	21.2	32.6	74.8	103.8	54.6
Minor accumulation .....	24.2	.9	2.8	.5	2.8	8.2	.9	6.3	1.7	3.2	10.7	4.1	4.3
Major accumulation .....	13.9	.4	2.3	1.1	1.8	7.5	.4	3.4	.7	2.6	6.5	1.5	3.2
Not reported .....	5.6	.3	—	.2	—	.9	.3	1.0	.8	.8	1.4	1.9	1.5
<b>Parking Lots<sup>2</sup></b>													
With parking lots .....	29.6	.5	2.1	.6	1.3	5.2	1.3	5.7	3.0	3.1	7.9	11.8	4.9
Residents only .....	9.1	.2	1.8	.2	.2	1.1	.5	1.5	2.2	.5	2.1	3.6	2.5
Shoppers or workers only .....	14.9	.2	.6	.2	.8	2.5	.5	2.9	.8	1.4	3.3	6.3	1.7
Anyone .....	9.4	.2	—	.2	.1	1.3	.3	2.0	.7	1.1	2.8	5.0	.9
Kind not reported .....	1.3	—	—	.1	.2	.8	—	.6	—	.2	.9	.3	.2
No parking lots within 300 Feet .....	287.7	11.8	17.3	4.3	11.7	78.2	16.9	74.3	20.5	35.6	84.1	97.4	57.1
Parking lot not reported .....	6.0	.3	—	—	—	.9	.3	1.0	.8	.6	1.4	2.1	1.7
<b>Manufactured/Mobile Homes in Group</b>													
Manufactured/mobile homes .....	19.4	1.4	19.4	1.2	1.0	2.8	1.5	4.0	3.3	2.0	—	2.8	9.0
1 to 6 .....	13.5	.9	13.5	.2	1.0	2.2	.3	2.7	1.9	1.2	—	.9	7.8
7 to 20 .....	3.5	—	3.5	.7	—	.6	.6	.6	.7	.3	—	.9	—
21 or more .....	2.5	.5	2.5	.3	—	—	.5	.7	.7	.5	—	1.0	1.2

<sup>1</sup>See back cover for details.

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

<sup>3</sup>Limited to single attached and multiunits.







**Table 3-10. Previous Unit of Recent Movers—Owner Occupied Units**

[Numbers in thousands. Consistent with Census 2000. ... means not applicable or sample too small. – means zero or rounds to zero]

Characteristics	Total occupied units	Housing unit characteristics				Household characteristics					Selected Subareas <sup>1</sup>		
		New construction 4 years	Manufactured/mobile homes	Physical problems		Black alone	Hispanic	Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three
				Severe	Moderate								
<b>HOUSEHOLDER MOVED DURING PAST YEAR FROM WITHIN THE UNITED STATES.</b>													
<b>Total</b> .....	<b>24.0</b>	<b>5.4</b>	<b>3.0</b>	<b>.7</b>	<b>.1</b>	<b>4.4</b>	<b>1.6</b>	<b>2.5</b>	<b>24.0</b>	<b>1.4</b>	<b>5.9</b>	<b>7.2</b>	<b>6.6</b>
<b>Structure Type of Previous Residence</b>													
Moved from within the United States ....	24.0	5.4	3.0	.7	.1	4.4	1.6	2.5	24.0	1.4	5.9	7.2	6.6
House .....	13.4	3.9	1.1	.3	–	2.1	1.0	1.5	13.4	.5	3.3	3.6	4.9
Apartment .....	6.0	.8	.2	–	–	1.6	.3	.2	6.0	–	2.1	1.9	.9
Manufactured/mobile home .....	1.5	.4	1.2	–	–	–	.3	–	1.5	–	–	.3	.4
Other .....	.6	–	–	–	–	.3	–	–	.6	.2	–	.3	.2
Not reported .....	2.4	.2	.5	.4	.1	.5	–	.8	2.4	.7	.5	1.1	.2
<b>Tenure of Previous Residence</b>													
House, apartment, manufactured/mobile home in the United States .....	20.9	5.2	2.5	.3	–	3.7	1.6	1.7	20.9	.5	5.4	5.8	6.2
Owner occupied .....	10.1	3.1	1.6	–	–	1.0	.3	1.4	10.1	.5	2.3	2.1	3.6
Renter occupied .....	10.8	2.1	.9	.3	–	2.7	1.3	.3	10.8	–	3.1	3.7	2.6
<b>Persons – Previous Residence</b>													
House, apartment, manufactured/mobile home in the United States .....	20.9	5.2	2.5	.3	–	3.7	1.6	1.7	20.9	.5	5.4	5.8	6.2
1 person .....	2.7	.4	.7	–	–	.3	.5	.3	2.7	.2	1.1	.8	.4
2 persons .....	6.8	1.8	.8	.2	–	1.3	.3	1.0	6.8	.3	1.8	1.5	2.3
3 persons .....	4.1	1.5	.3	.2	–	.6	.7	.2	4.1	–	.8	1.5	1.1
4 persons .....	3.5	.6	.2	–	–	.5	.2	–	3.5	–	.9	.9	1.3
5 persons .....	1.4	.6	–	–	–	.7	–	–	1.4	–	.1	.5	.6
6 persons .....	.5	–	.4	–	–	–	–	–	.5	–	–	–	–
7 persons or more .....	.3	–	–	–	–	.1	–	–	.3	–	.1	–	.2
Not reported .....	1.6	.3	.2	–	–	.2	–	.2	1.6	–	.5	.6	.4
<b>Previous Home Owned or Rented by Someone Who Moved Here</b>													
House, apartment, manufactured/mobile home in the United States .....	20.9	5.2	2.5	.3	–	3.7	1.6	1.7	20.9	.5	5.4	5.8	6.2
Owned or rented by a mover .....	17.1	4.8	1.9	.3	–	3.2	1.6	1.5	17.1	.5	4.6	4.4	5.3
Owned or rented by other .....	3.0	.1	.6	–	–	.5	–	–	3.0	–	.6	1.1	.7
By a relative .....	2.0	.1	.2	–	–	.2	–	–	2.0	–	.5	.7	.7
By a nonrelative .....	1.0	–	.4	–	–	.3	–	–	1.0	–	.1	.5	–
Not reported .....	–	–	–	–	–	–	–	–	–	–	–	–	–
Not reported .....	.8	.3	–	–	–	–	–	.2	.8	–	.2	.3	.2
<b>Change in Housing Costs</b>													
House, apartment, manufactured/mobile home in the United States .....	20.9	5.2	2.5	.3	–	3.7	1.6	1.7	20.9	.5	5.4	5.8	6.2
Increased with move .....	13.6	3.5	1.3	.3	–	2.9	.7	.7	13.6	.2	4.0	3.9	3.5
Decreased .....	2.7	.2	.9	–	–	.1	.4	.3	2.7	.3	.3	.5	1.1
Stayed about the same .....	3.0	1.0	.4	–	–	.6	.3	.2	3.0	–	.9	.5	1.3
Don't know .....	1.3	.2	–	–	–	–	.2	.4	1.3	–	.2	.7	.4
Not reported .....	.3	.3	–	–	–	–	–	.2	.3	–	–	.2	–

<sup>1</sup>See back cover for details.



**Table 3-11. Reasons for Move and Choice of Current Residence—Owner Occupied Units—Con.**

[Numbers in thousands. Consistent with Census 2000. ... means not applicable or sample too small. — means zero or rounds to zero]

Characteristics	Total occupied units	Housing unit characteristics				Household characteristics					Selected Subareas <sup>1</sup>		
		New construction 4 years	Manufactured/mobile homes	Physical problems		Black alone	Hispanic	Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three
				Severe	Moderate								
<b>RESPONDENT MOVED DURING PAST YEAR—Con.</b>													
<b>Main Reason for Choice of Present Home</b>													
All reported reasons equal	1.5	.3	.3	—	—	.2	.3	—	1.5	—	.5	.3	—
Financial reasons	4.0	.2	.6	—	—	.7	.3	.5	3.7	—	1.0	1.2	1.1
Room layout/design	5.1	2.1	.5	—	—	.9	.3	.2	5.1	.2	1.6	1.2	2.0
Kitchen	.2	—	—	—	—	—	—	—	.2	—	—	.2	—
Size	2.4	.6	—	—	—	.6	.2	.2	2.4	.2	.3	1.2	.7
Exterior appearance	.8	—	—	—	—	.1	.3	—	.6	—	.5	.1	—
Yard/trees/view	1.2	.2	—	.2	—	.2	—	—	1.2	—	.3	—	.9
Quality of construction	1.2	.3	.4	.2	—	.3	—	.2	1.2	.2	.5	.3	—
Only one available	.4	.2	.2	—	—	.2	—	—	.4	—	.2	—	—
Other	5.5	1.0	.8	—	—	1.0	.5	1.0	4.5	.4	1.4	1.4	1.5
Not reported	3.5	.5	.8	.4	.1	.8	—	1.0	3.4	.9	.7	1.7	.4
<b>Home Search</b>													
Now in house	19.7	4.7	...	.5	.1	4.3	1.5	1.8	18.3	1.5	5.3	6.3	5.0
Did not look at apartments	15.8	4.0	...	.3	—	3.0	1.3	1.2	14.5	.5	4.6	4.2	4.9
Looked at apartments too	1.3	.2	...	—	—	.5	.1	.2	1.3	—	—	.8	—
Search not reported	2.7	.5	...	.2	.1	.8	—	.5	2.5	.9	.7	1.4	.2
Now in manufactured/mobile home	3.5	.7	3.5	.2	—	.3	.5	1.1	3.3	.2	—	.6	1.6
Did not look at apartments	2.2	.5	2.2	—	—	.3	.2	.7	2.0	.2	—	.3	1.2
Looked at apartments too	.5	.2	.5	—	—	—	.3	—	.5	—	—	—	.2
Search not reported	.8	—	.8	.2	—	—	—	.3	.8	—	—	.3	.2
Now in apartment	2.5	—	—	—	—	.3	—	.2	2.5	—	1.7	.7	.2
Did not look at houses	1.0	—	—	—	—	.1	—	—	1.0	—	.9	.2	—
Looked at houses too	1.2	—	—	—	—	.1	—	—	1.2	—	.8	.2	.2
Search not reported	.3	—	—	—	—	—	—	.2	.3	—	—	.3	—
<b>Recent Mover Comparison to Previous Home</b>													
Better home	15.3	4.4	1.4	.2	—	3.4	1.6	1.0	14.1	.5	4.3	4.5	3.9
Worse home	1.6	.2	.8	—	—	.3	—	.5	1.6	.2	.3	.2	.6
About the same	5.3	.3	.6	.2	—	.4	.4	.6	4.9	.2	1.6	1.1	2.0
Not reported	3.6	.5	.8	.4	.1	.8	—	1.0	3.5	.9	.7	1.8	.4
<b>Recent Mover Comparison to Previous Neighborhood</b>													
Better neighborhood	10.4	2.0	.8	.2	—	2.9	.7	.8	9.5	.5	2.9	2.7	3.0
Worse neighborhood	2.0	.6	.8	—	—	.5	.3	.3	2.0	—	.7	.2	.4
About the same	9.1	2.3	1.1	.2	—	.4	1.0	.9	8.4	.4	2.4	2.6	3.1
Same neighborhood	.5	—	—	—	—	.3	—	—	.5	—	.3	.2	—
Not reported	3.8	.5	.8	.4	.1	.8	—	1.0	3.6	.9	.7	2.0	.4

<sup>1</sup>See back cover for details.

<sup>2</sup>Figures 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 Census 2000. ... means not applicable or sample too small. – means zero or rounds to zero]

Characteristics	Total occupied units	Housing unit characteristics				Household characteristics					Selected Subareas <sup>1</sup>		
		New construction 4 years	Manufactured/mobile homes	Physical problems		Black alone	Hispanic	Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three
				Severe	Moderate								
<b>Other Housing Costs per Month</b>													
Homeowner association fee paid.....	18.3	2.4	–	–	.2	2.8	.2	3.1	1.7	.8	4.4	3.3	9.1
<b>Median</b> .....	<b>18</b>	...	...	...	...	...	...	...	...	...	<b>10-</b>	...	<b>18</b>
Manufactured/mobile home park fee paid.....	.6	–	.6	–	–	–	.3	.3	.3	–	–	.3	–
<b>Median</b> .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Land rent fee paid.....	.8	–	–	–	–	–	–	–	–	.3	.5	–	.2
<b>Median</b> .....	...	...	...	...	...	...	...	...	...	...	...	...	...
<b>Government Subsidy for Repairs</b>													
Units with major repairs in the last 2 years.....	190.7	4.5	11.6	2.2	8.0	46.1	11.7	44.0	13.3	18.9	54.0	62.5	43.3
Received low-interest loan or grant.....	4.1	.2	.3	.2	.6	2.1	–	.3	.2	.2	2.2	1.0	.4
No low-interest loan or grant.....	185.2	4.1	11.3	2.1	7.4	43.3	11.6	43.6	12.8	18.4	51.4	60.9	42.8
Not reported.....	1.4	.2	–	–	–	.8	.1	.2	.3	.3	.3	.6	.2

<sup>1</sup>See back cover for details.

<sup>2</sup>Beginning with 1989, this item uses current income in its calculation, see Appendix A.

<sup>3</sup>May 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 Census 2000.** ... 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
<b>Value</b>										
Less than \$10,000 .....	9.6	—	3.1	6.0	.5	—	.9	2.4	5.6	.8
\$10,000 to \$19,999 .....	8.0	—	2.8	4.9	.3	—	.2	3.2	4.3	.3
\$20,000 to \$29,999 .....	2.8	—	.5	2.0	.4	—	—	1.1	1.4	.4
\$30,000 to \$39,999 .....	3.9	—	.5	2.5	.9	—	—	.9	2.7	.3
\$40,000 to \$49,999 .....	4.1	—	.5	3.2	.5	—	—	1.2	2.8	.2
\$50,000 to \$59,999 .....	8.8	—	1.5	4.9	2.4	—	.1	2.5	4.0	2.1
\$60,000 to \$69,999 .....	12.6	—	2.8	8.7	1.1	—	.2	5.2	5.8	1.4
\$70,000 to \$79,999 .....	22.9	—	6.1	12.9	3.9	—	1.1	7.7	10.8	3.4
\$80,000 to \$99,999 .....	48.1	—	6.3	31.3	10.5	—	.8	9.7	31.0	6.6
\$100,000 to \$119,999 .....	36.3	—	1.2	25.3	9.9	—	.2	3.9	26.2	6.1
\$120,000 to \$149,999 .....	48.7	—	2.0	27.5	19.1	—	.2	4.4	31.8	12.3
\$150,000 to \$199,999 .....	55.6	.2	3.5	25.1	26.8	.2	1.5	5.9	28.5	19.6
\$200,000 to \$249,999 .....	22.8	—	.8	7.8	14.2	—	.2	3.3	9.9	9.5
\$250,000 to \$299,999 .....	14.3	—	.2	3.4	10.7	—	.2	.7	6.3	7.1
\$300,000 or more .....	24.7	—	1.1	3.8	19.8	—	.6	2.3	6.1	15.7
<b>Median</b> .....	<b>122 726</b>	<b>...</b>	<b>77 942</b>	<b>106 565</b>	<b>170 560</b>	<b>...</b>	<b>92 785</b>	<b>86 131</b>	<b>115 516</b>	<b>172 934</b>

<sup>1</sup>Does not include 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 Census 2000.** ... means not applicable or sample too small. – means zero or rounds to zero]

Characteristics	Size of occupied detached 1-family homes and 1-family manufactured/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
<b>Value</b>									
Less than \$10,000 .....	9.1	.4	2.7	3.4	.3	–	.3	2.1	1 068
\$10,000 to \$19,999 .....	7.5	.2	4.1	1.5	.7	.5	.1	.5	909
\$20,000 to \$29,999 .....	2.5	–	.4	.7	.9	–	.3	.1	...
\$30,000 to \$39,999 .....	3.7	.3	.3	1.9	.5	.2	.5	–	...
\$40,000 to \$49,999 .....	3.5	–	.2	.7	.9	.4	.2	1.2	...
\$50,000 to \$59,999 .....	7.8	–	1.7	1.8	2.0	.5	.7	1.1	1 442
\$60,000 to \$69,999 .....	10.7	.3	1.1	2.6	2.5	.7	1.1	2.4	1 514
\$70,000 to \$79,999 .....	19.6	.8	2.7	7.2	3.3	1.1	2.6	1.9	1 372
\$80,000 to \$99,999 .....	44.8	.2	3.9	17.5	9.6	4.0	3.4	6.1	1 436
\$100,000 to \$119,999 .....	34.6	.6	.9	11.5	10.5	4.4	3.1	3.5	1 618
\$120,000 to \$149,999 .....	46.5	.2	1.0	8.7	17.6	10.4	5.1	3.5	1 831
\$150,000 to \$199,999 .....	52.6	–	1.6	5.7	17.2	13.5	10.5	4.2	1 993
\$200,000 to \$249,999 .....	20.6	–	.6	2.2	3.5	6.4	6.7	1.2	2 269
\$250,000 to \$299,999 .....	13.8	–	.2	.5	1.5	4.4	6.3	1.0	2 487
\$300,000 or more .....	22.0	–	.2	.7	1.0	2.2	16.8	1.1	2500+
<b>Median</b> .....	<b>123 762</b>	<b>...</b>	<b>70 930</b>	<b>95 355</b>	<b>128 225</b>	<b>157 818</b>	<b>207 068</b>	<b>98 698</b>	<b>...</b>

<sup>1</sup>Does not include cooperatives or condominiums.













Table 3-20. **Income of Families and Primary Individuals by Selected Characteristics—Owner Occupied Units—Con.**

[Numbers in thousands. **Consistent with Census 2000.** ... 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
<b>Purchase Price</b>														
Home purchased or built .....	293.0	8.5	8.1	11.3	18.1	18.0	38.1	39.4	49.1	32.7	22.1	13.7	33.9	42 032
Less than \$10,000 .....	10.7	.7	.9	1.6	1.7	.9	1.4	1.2	1.1	.5	.3	—	.3	17 184
\$10,000 to \$19,999 .....	22.2	.9	1.1	2.4	2.4	2.8	4.0	3.2	2.7	1.2	.7	.3	.3	23 418
\$20,000 to \$29,999 .....	20.7	.3	1.5	2.2	2.3	2.6	3.3	2.0	2.9	1.9	.8	.2	.6	24 351
\$30,000 to \$39,999 .....	16.5	.5	.2	.6	2.6	1.3	2.2	3.0	2.5	1.8	.9	.6	.4	33 057
\$40,000 to \$49,999 .....	19.9	.5	.1	.6	2.3	1.1	3.6	3.1	3.0	3.0	1.2	.3	1.1	35 511
\$50,000 to \$59,999 .....	21.4	.2	.8	1.0	.4	1.1	4.3	3.3	4.6	2.8	1.3	.8	.9	38 861
\$60,000 to \$69,999 .....	18.6	.2	.8	.3	1.0	1.5	2.2	2.7	4.0	2.9	1.3	.8	1.2	43 833
\$70,000 to \$79,999 .....	17.4	.3	.1	.2	.5	.6	3.1	2.9	2.8	3.6	1.9	1.1	.3	47 277
\$80,000 to \$99,999 .....	25.9	.2	.5	.2	.7	1.5	3.7	4.0	5.8	3.1	4.3	.9	1.3	48 145
\$100,000 to \$119,999 .....	16.7	.8	.2	.2	—	.3	1.7	1.0	4.1	2.9	1.6	.9	3.0	60 451
\$120,000 to \$149,999 .....	20.4	.2	—	—	.1	.3	1.2	2.8	5.0	3.6	1.6	1.8	3.7	63 083
\$150,000 to \$199,999 .....	19.4	.4	.2	—	—	.5	.9	1.7	2.4	1.9	2.3	2.3	7.0	96 512
\$200,000 to \$249,999 .....	5.8	—	—	—	—	.3	.3	.8	.7	.3	.7	.7	1.9	92 433
\$250,000 to \$299,999 .....	5.2	.3	—	—	.2	—	.2	.3	.3	—	.3	.9	2.7	120K+
\$300,000 or more .....	6.5	.1	—	.2	—	—	.4	.1	.5	—	.2	.5	4.6	120K+
Not reported .....	45.6	3.0	1.7	1.9	3.9	3.2	5.6	7.3	6.7	3.3	2.9	1.5	4.5	34 771
<b>Median</b> .....	<b>66 616</b>	<b>47 072</b>	<b>27 722</b>	<b>23 093</b>	<b>32 615</b>	<b>38 380</b>	<b>53 955</b>	<b>60 687</b>	<b>71 315</b>	<b>71 828</b>	<b>86 041</b>	<b>122 857</b>	<b>161 043</b>	...
Received as inheritance or gift .....	17.2	.3	1.4	2.0	1.1	1.4	2.3	2.5	2.7	1.1	1.1	.5	.9	30 172
Not reported .....	13.0	1.4	.4	.3	.7	.7	1.0	2.3	2.9	.9	.8	.8	.8	38 476

<sup>1</sup>For manufactured/mobile homes, oldest category is 1939 or earlier.  
<sup>2</sup>Beginning with 1989, this item uses current income in its calculation, see Appendix A.  
<sup>3</sup>May 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 Census 2000. ... 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
<b>Ratio of Value to Current Income</b>														
Less than 1.5	71.2	3.7	12.7	11.6	6.5	2.6	3.9	4.5	5.6	6.6	9.9	3.6	...	443
1.5 to 1.9	38.8	—	3.4	5.9	2.9	.7	1.4	3.9	2.8	5.4	6.7	5.7	...	742
2.0 to 2.4	35.0	.7	4.4	5.6	3.2	1.1	1.2	2.6	2.3	5.1	5.6	3.2	...	653
2.5 to 2.9	26.8	—	3.1	4.5	2.6	1.8	2.0	1.6	2.3	3.0	4.0	2.0	...	571
3.0 to 3.9	45.0	.2	8.6	7.2	3.1	2.3	2.2	2.9	3.3	5.4	5.5	4.2	...	550
4.0 to 4.9	20.6	—	3.7	3.5	1.0	1.3	1.3	1.3	1.6	1.2	4.0	1.9	...	572
5.0 or more	75.8	2.0	20.1	15.7	6.2	4.5	4.7	4.9	4.0	4.8	4.8	4.1	...	301
Zero or negative income	10.1	.9	2.1	2.5	1.1	.7	.6	.2	.5	.2	.9	.4	...	...
<b>Median</b>	<b>2.7</b>	<b>1.5-</b>	<b>3.5</b>	<b>2.9</b>	<b>2.5</b>	<b>3.4</b>	<b>2.9</b>	<b>2.5</b>	<b>2.6</b>	<b>2.4</b>	<b>2.3</b>	<b>2.5</b>	...	...
<b>Monthly Payment for Principal and Interest</b>														
One or more regular mortgages	166.8	—	1.0	3.1	5.9	8.0	12.5	19.3	20.8	30.6	41.1	24.5	...	884
Less than \$100	2.5	—	1.0	1.0	.2	.2	—	—	.2	—	—	—	...	...
\$100 to \$199	5.7	—	—	1.7	2.8	1.0	.2	—	.1	—	—	—	...	342
\$200 to \$249	5.1	—	—	.3	2.0	1.9	.3	.1	.2	.1	—	—	...	408
\$250 to \$299	4.8	—	—	—	2.7	2.1	1.0	.5	.4	—	—	—	...	480
\$300 to \$349	7.9	—	—	—	.2	2.6	1.7	.5	.2	.2	—	—	...	545
\$350 to \$399	9.2	—	—	—	—	.3	4.6	2.8	.8	.7	—	—	...	593
\$400 to \$449	9.8	—	—	—	—	—	2.9	4.4	1.4	.8	.3	—	...	646
\$450 to \$499	13.5	—	—	—	—	—	.8	5.4	5.4	1.6	.3	—	...	711
\$500 to \$599	20.3	—	—	—	—	—	.2	4.3	8.9	6.3	.5	.2	...	764
\$600 to \$699	17.8	—	—	—	—	—	—	.2	2.8	11.2	3.4	.2	...	905
\$700 to \$799	14.3	—	—	—	—	—	—	—	—	8.5	5.7	.1	...	969
\$800 to \$999	21.6	—	—	—	—	—	—	—	—	1.2	19.2	1.1	...	1 249
\$1,000 to \$1,249	14.8	—	—	—	—	—	—	—	—	—	11.1	3.7	...	1 333
\$1,250 to \$1,499	6.6	—	—	—	—	—	—	—	—	—	.3	6.3	...	1500+
\$1,500 or more	12.9	—	—	—	—	—	—	—	—	—	—	12.9	...	1500+
<b>Median</b>	<b>626</b>	...	...	...	<b>199</b>	<b>273</b>	<b>374</b>	<b>452</b>	<b>515</b>	<b>650</b>	<b>905</b>	<b>1500+</b>	...	...
<b>Average Monthly Cost Paid for Real Estate Taxes</b>														
Less than \$25	220.5	7.4	53.3	43.7	16.3	8.4	12.2	17.0	14.3	22.6	19.2	6.0	...	335
\$25 to \$49	29.7	—	3.2	6.4	3.3	.1	.6	1.6	3.5	2.7	6.3	1.9	...	677
\$50 to \$74	20.9	—	1.2	3.5	2.2	.8	.8	.5	1.3	2.2	5.9	2.5	...	816
\$75 to \$99	11.7	—	.2	1.4	1.8	.7	.3	.8	.6	1.7	2.6	1.5	...	801
\$100 to \$149	20.2	—	.2	1.4	2.4	2.9	1.7	.6	1.7	1.4	4.5	3.5	...	756
\$150 to \$199	6.5	—	—	—	.5	1.5	.3	.3	.5	.3	1.0	2.0	...	844
\$200 or more	13.8	—	—	—	.2	.5	1.3	1.1	.6	.7	1.9	7.5	...	1500+
<b>Median</b>	<b>25-</b>	<b>25-</b>	<b>25-</b>	<b>25-</b>	<b>25-</b>	<b>25-</b>	<b>25-</b>	<b>25-</b>	<b>25-</b>	<b>25-</b>	<b>31</b>	<b>107</b>	...	...
<b>Purchase Price</b>														
Home purchased or built	293.0	6.2	48.1	49.9	24.0	14.1	15.7	20.2	21.3	30.8	39.4	23.5	...	527
Less than \$10,000	10.7	1.8	3.2	3.7	1.3	.3	—	—	.3	—	.2	—	...	210
\$10,000 to \$19,999	22.2	.8	9.3	5.6	2.5	.9	1.2	.5	.5	.3	.4	.2	...	218
\$20,000 to \$29,999	20.7	1.4	5.9	5.3	2.6	1.6	.9	.8	1.0	.3	.8	.1	...	258
\$30,000 to \$39,999	16.5	.2	3.0	5.6	2.0	1.3	.8	1.1	1.0	1.1	.5	—	...	291
\$40,000 to \$49,999	19.9	—	3.3	2.8	2.0	1.4	1.7	2.5	1.8	2.2	1.6	.5	...	525
\$50,000 to \$59,999	21.4	—	2.0	4.3	2.7	1.2	1.9	3.4	3.3	1.2	1.1	.3	...	523
\$60,000 to \$69,999	18.6	.2	3.4	2.6	1.1	.5	1.8	2.6	2.0	2.7	1.5	.4	...	589
\$70,000 to \$79,999	17.4	—	1.6	3.2	.8	.3	1.1	2.5	2.3	3.5	1.9	.1	...	668
\$80,000 to \$99,999	25.9	—	1.8	2.9	2.0	.9	.9	2.4	2.8	6.0	4.9	1.3	...	773
\$100,000 to \$119,999	16.7	.3	.3	2.2	.7	.4	.3	.6	1.5	3.8	5.9	.7	...	909
\$120,000 to \$149,999	20.4	.2	.3	1.8	.8	.2	1.2	.5	1.2	4.0	8.7	1.6	...	1 006
\$150,000 to \$199,999	19.4	—	.5	.8	1.1	1.4	.3	.3	1.3	1.3	6.5	5.9	...	1 203
\$200,000 to \$249,999	5.8	—	—	.3	—	.4	.7	.3	.2	.2	.9	2.8	...	1 423
\$250,000 to \$299,999	5.2	—	—	—	.2	.5	.3	.2	.2	.3	1.1	2.5	...	1 457
\$300,000 or more	6.5	—	—	.2	.3	—	.2	.5	.1	—	.2	5.1	...	1500+
Not reported	45.6	1.5	13.4	8.6	4.1	2.9	2.3	2.0	1.7	3.8	3.2	2.1	...	292
<b>Median</b>	<b>66 616</b>	<b>17 838</b>	<b>28 166</b>	<b>41 622</b>	<b>48 139</b>	<b>50 937</b>	<b>61 267</b>	<b>63 070</b>	<b>69 624</b>	<b>87 060</b>	<b>117 496</b>	<b>197 291</b>	...	...
Received as inheritance or gift	17.2	.8	5.8	3.8	1.8	.8	.3	.8	.8	.7	1.2	.5	...	253
Not reported	13.0	.5	4.2	2.8	.8	.1	1.3	1.0	.5	.2	.8	1.0	...	268

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





**Table 3-22. Value by Selected Characteristics—Owner Occupied Units—Con.**

[Numbers in thousands. **Consistent with Census 2000.** ... 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
<b>Monthly Housing Costs as Percent of Current Income<sup>2</sup></b>													
Less than 5 percent .....	35.7	5.0	.4	.4	1.4	1.9	4.1	8.6	8.8	1.6	1.5	2.0	126 760
5 to 9 percent .....	66.4	4.0	.5	1.0	2.0	8.9	9.9	16.6	10.5	4.2	3.1	5.7	120 821
10 to 14 percent .....	54.2	2.6	.5	.4	1.0	5.9	9.2	14.5	8.2	4.8	2.2	4.8	125 459
15 to 19 percent .....	44.8	2.5	.6	—	1.3	3.4	8.1	12.4	7.0	3.0	2.7	3.7	125 703
20 to 24 percent .....	27.2	1.3	.7	.7	1.0	2.9	3.0	7.9	4.9	1.9	.9	2.0	125 281
25 to 29 percent .....	20.2	1.8	.2	.3	.3	2.0	3.5	5.2	2.9	1.3	.8	1.8	117 813
30 to 34 percent .....	13.9	.8	.4	.2	.3	1.4	2.3	3.1	2.2	1.7	.7	.9	126 136
35 to 39 percent .....	11.2	.3	.2	.4	—	2.1	1.2	2.6	1.7	1.1	1.0	.5	126 504
40 to 49 percent .....	12.9	.6	.2	.2	.5	1.6	1.6	3.3	2.5	1.3	.5	.6	125 621
50 to 59 percent .....	7.1	—	—	.2	.1	.9	1.1	2.4	1.3	.8	—	.2	124 590
60 to 69 percent .....	3.0	.3	—	—	—	—	.9	.8	.2	—	—	.1	...
70 to 99 percent .....	4.9	.2	—	.1	—	.6	.9	1.5	1.1	—	—	.3	121 714
100 percent or more <sup>3</sup> .....	11.8	.2	.2	.3	.5	2.2	1.6	3.4	1.5	.6	.3	1.0	113 913
Zero or negative income .....	10.1	.8	—	—	.3	1.5	.5	2.7	2.8	.5	.3	.6	135 964
No cash rent .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Median (excludes 2 previous lines) .....	15	12	...	22	14	15	15	16	14	16	16	15	...
Median (excludes 3 lines before medians) .....	14	11	...	21	13	14	15	15	14	15	15	14	...
<b>Monthly Payment for Principal and Interest</b>													
One or more regular mortgages .....	166.8	4.5	1.2	2.5	3.0	14.8	23.4	47.8	30.0	14.9	8.8	15.8	135 480
Less than \$100 .....	2.5	.7	—	—	—	.6	.4	.3	—	—	.2	—	—
\$100 to \$199 .....	5.7	.5	—	—	.3	1.7	1.2	1.5	.2	—	.1	—	86 914
\$200 to \$249 .....	5.1	.6	.3	.5	.7	1.2	.8	.3	.2	—	—	—	79 751
\$250 to \$299 .....	4.8	.4	.4	.6	.2	.6	1.1	.6	.4	.3	—	.1	83 780
\$300 to \$349 .....	7.9	.7	.2	.2	.2	2.2	1.1	2.0	.6	.3	—	.2	84 958
\$350 to \$399 .....	9.2	.1	—	.1	—	1.5	2.3	3.3	1.1	.7	—	—	107 073
\$400 to \$449 .....	9.8	.5	—	.4	.5	.9	3.0	2.8	.9	.3	.5	—	97 488
\$450 to \$499 .....	13.5	.2	.2	.5	.2	2.5	3.6	3.8	1.5	.5	.2	.4	98 099
\$500 to \$599 .....	20.3	.4	—	.5	.8	2.1	4.2	8.3	2.8	.9	.3	.5	116 139
\$600 to \$699 .....	17.8	.2	—	—	—	1.1	2.3	8.3	4.1	1.1	.6	.2	132 203
\$700 to \$799 .....	14.3	.1	—	—	—	.5	1.7	5.7	4.5	1.3	.1	.4	141 714
\$800 to \$999 .....	21.6	.2	.2	.2	.1	.2	1.1	6.5	6.7	3.4	1.5	1.6	167 970
\$1,000 to \$1,249 .....	14.8	—	—	—	—	.2	.1	2.9	4.8	3.1	1.9	1.8	193 479
\$1,250 to \$1,499 .....	6.6	—	—	—	—	—	—	.5	7	1.6	1.7	2.1	264 921
\$1,500 or more .....	12.9	—	—	—	—	.1	—	.5	.9	1.1	1.8	8.4	300K+
Median .....	626	311	...	...	...	412	468	605	760	904	1 122	1500+	...
<b>Average Monthly Cost Paid for Real Estate Taxes</b>													
Less than \$25 .....	220.5	20.2	3.4	3.6	7.8	29.6	42.5	66.2	31.7	7.2	4.4	3.9	102 327
\$25 to \$49 .....	29.7	.1	.3	.4	—	1.9	2.3	8.7	9.6	2.8	2.3	1.5	156 720
\$50 to \$74 .....	20.9	.1	—	.2	.3	1.3	1.0	5.5	4.4	3.9	2.1	2.1	173 333
\$75 to \$99 .....	11.7	—	—	—	.1	.8	.8	1.6	3.4	2.3	1.1	1.5	186 599
\$100 to \$149 .....	20.2	—	.2	—	.3	2.0	1.1	2.0	4.2	3.9	2.6	3.8	202 468
\$150 to \$199 .....	6.5	—	—	—	.2	—	—	.6	.7	1.4	1.1	2.3	257 301
\$200 or more .....	13.8	—	—	—	—	—	—	.4	1.6	1.3	.7	9.6	300K+
Median .....	25-	25-	...	25-	25-	25-	25-	25-	25-	59	55	144	...
<b>Purchase Price</b>													
Home purchased or built .....	293.0	18.1	3.2	3.7	7.8	31.4	42.3	78.9	50.3	21.4	13.2	22.7	125 337
Less than \$10,000 .....	10.7	4.3	—	.1	1.1	1.8	1.1	1.7	.2	.3	—	.1	59 048
\$10,000 to \$19,999 .....	22.2	4.1	.7	.4	.7	3.8	3.8	5.9	2.1	.5	.2	.1	87 608
\$20,000 to \$29,999 .....	20.7	3.6	1.1	.5	2.0	3.3	2.6	3.4	2.9	.8	.5	.2	79 470
\$30,000 to \$39,999 .....	16.5	.8	.8	.5	1.0	3.0	3.3	3.5	2.9	.4	.2	.2	93 523
\$40,000 to \$49,999 .....	19.9	.2	—	.8	.3	5.7	5.4	4.0	1.6	.8	.8	.4	91 029
\$50,000 to \$59,999 .....	21.4	.6	.2	.5	.3	3.7	6.2	6.7	1.8	.6	.6	.2	97 191
\$60,000 to \$69,999 .....	18.6	.3	—	—	.1	2.8	5.0	7.2	1.3	.8	.7	.5	107 412
\$70,000 to \$79,999 .....	17.4	.5	—	.2	.1	1.3	4.3	8.1	1.9	.8	.2	—	114 220
\$80,000 to \$99,999 .....	25.9	—	—	—	.3	.2	3.2	13.4	5.9	1.6	.8	.5	134 419
\$100,000 to \$119,999 .....	16.7	.5	—	—	—	.2	—	8.2	4.7	1.7	.5	1.0	146 483
\$120,000 to \$149,999 .....	20.4	—	—	—	—	.2	.2	4.2	9.6	3.7	1.9	.6	179 213
\$150,000 to \$199,999 .....	19.4	—	.2	—	—	.2	.5	.2	6.6	5.7	3.0	3.1	218 223
\$200,000 to \$249,999 .....	5.8	—	—	—	—	.2	—	.2	.2	1.6	1.5	2.2	277 272
\$250,000 to \$299,999 .....	5.2	—	—	—	—	.1	.2	—	—	.5	1.2	3.3	300K+
\$300,000 or more .....	6.5	—	—	—	—	—	.2	—	.2	—	.2	6.1	300K+
Not reported .....	45.6	3.2	.3	.6	1.9	5.0	6.4	12.4	8.6	1.6	1.2	4.3	121 431
Median .....	66 616	17 740	...	...	26 307	42 426	52 880	71 192	101 431	133 372	145 485	251 931	...
Received as inheritance or gift .....	17.2	1.4	.7	.5	.3	2.2	3.1	3.4	.8	.8	.6	.9	106 325
Not reported .....	13.0	1.0	—	—	.6	1.9	2.7	2.7	1.9	.7	.5	1.1	106 378

<sup>1</sup>For manufactured/mobile homes, oldest category is 1939 or earlier.  
<sup>2</sup>Beginning with 1989, this item uses current income in its calculation, see Appendix A.  
<sup>3</sup>May reflect a temporary situation, living off savings, or response error.



**Table 3-23. Journey to Work—Owner Occupied Units—Con.**

[Numbers in thousands. Consistent with Census 2000. ... means not applicable or sample too small. — means zero or rounds to zero]

Characteristics	Total occupied units	Housing unit characteristics				Household characteristics					Selected Subareas <sup>1</sup>		
		New construction 4 years	Manufactured/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								
<b>Travel Time From Home to Work for Householder</b>													
Less than 15 minutes .....	47.9	2.8	3.5	1.0	.8	10.9	2.7	4.2	6.2	1.9	15.1	14.8	9.2
15 to 29 minutes .....	62.4	1.9	1.9	.3	3.3	20.0	3.9	4.2	4.1	2.5	22.8	23.3	7.4
30 to 44 minutes .....	28.5	2.0	2.1	.3	1.2	7.0	1.8	1.3	2.4	.5	5.8	10.7	5.9
45 to 59 minutes .....	10.3	.4	.5	—	.3	1.7	.5	.5	1.1	—	1.0	2.0	4.6
1 hour to 1 hour and 29 minutes .....	5.4	.2	.2	.1	—	.8	.5	.9	.5	.3	.5	1.3	3.2
1 hour 30 minutes or more .....	1.9	.5	.2	—	.3	.5	—	.2	.4	—	.3	.6	.9
Works at home .....	6.4	.2	.2	—	.2	.8	.5	1.3	.3	.5	1.7	2.1	1.8
No fixed place of work .....	17.7	.8	1.1	.2	.3	1.6	1.1	.5	1.6	.3	3.1	6.7	6.1
<b>Median .....</b>	<b>22</b>	<b>24</b>	<b>21</b>	<b>...</b>	<b>25</b>	<b>22</b>	<b>23</b>	<b>20</b>	<b>19</b>	<b>19</b>	<b>20</b>	<b>22</b>	<b>28</b>
<b>Distance From Home to Work for Householder</b>													
Less than 1 mile .....	4.3	—	.6	—	—	.7	.6	.8	.7	.5	1.3	1.5	.7
1 to 4 miles .....	35.0	.9	1.4	.6	.8	9.4	1.7	3.6	3.3	1.6	11.8	12.0	5.7
5 to 9 miles .....	37.6	2.4	1.7	.7	1.6	8.6	2.2	2.8	4.1	1.1	14.6	13.3	5.1
10 to 19 miles .....	43.7	1.9	1.9	.2	2.1	15.4	2.9	1.9	2.4	1.4	13.1	17.4	4.4
20 to 29 miles .....	18.3	1.1	1.4	.1	.8	4.3	1.1	1.0	1.7	.5	3.6	5.6	4.6
30 to 49 miles .....	14.1	1.0	1.4	—	.5	1.9	.6	1.1	2.0	.2	.9	1.6	8.7
50 miles or more .....	3.4	.5	—	.1	—	.5	.2	.1	.5	—	.2	1.1	2.0
Works at home .....	6.4	.2	.2	—	.2	.8	.5	1.3	.3	.5	1.7	2.1	1.8
No fixed place of work .....	17.7	.8	1.1	.2	.3	1.6	1.1	.5	1.6	.3	3.1	6.7	6.1
<b>Median .....</b>	<b>10</b>	<b>13</b>	<b>13</b>	<b>...</b>	<b>13</b>	<b>11</b>	<b>11</b>	<b>7</b>	<b>9</b>	<b>7</b>	<b>8</b>	<b>10</b>	<b>19</b>
<b>Departure Time to Work for Householder<sup>2</sup></b>													
12 Midnight to 2:59 a.m. ....	1.9	—	—	—	.3	.7	.1	.1	—	—	.7	.7	.4
3:00 a.m. to 5:59 a.m. ....	22.5	1.3	1.9	.3	.5	4.4	1.3	1.2	1.3	.6	2.3	7.4	7.5
6:00 a.m. to 6:59 a.m. ....	36.5	2.4	2.5	—	1.3	9.6	2.0	1.9	3.3	1.2	7.5	14.1	7.5
7:00 a.m. to 7:29 a.m. ....	27.2	1.3	2.3	.7	1.2	8.2	.8	.9	2.7	.6	8.0	9.0	5.4
7:30 a.m. to 7:59 a.m. ....	20.5	.6	.4	—	1.1	3.9	1.6	1.1	1.8	1	7.7	6.3	2.9
8:00 a.m. to 8:29 a.m. ....	22.4	.5	.4	.3	.7	4.7	2.0	1.6	1.9	.6	8.5	6.9	4.7
8:30 a.m. to 8:59 a.m. ....	10.1	.5	—	—	.1	2.4	.4	.9	1.6	.7	4.3	2.7	2.5
9:00 a.m. to 9:59 a.m. ....	9.4	1.2	.6	—	.3	1.9	1.1	1.6	1.2	.4	2.5	4.1	2.2
10:00 a.m. to 3:59 p.m. ....	7.5	.5	.3	.3	.3	2.0	.7	1.3	1.0	.5	2.5	2.0	1.6
4:00 p.m. to midnight 12 .....	6.7	—	1.1	.2	.3	2.2	.1	.3	.5	.7	2.1	1.8	1.1
Not reported .....	9.4	.2	—	.1	—	2.2	.3	.7	1.0	—	2.5	4.3	1.7
<b>Worked at Home Last Week</b>													
Worked at home <sup>3</sup> .....	42.5	2.0	.9	.6	.8	7.0	2.6	4.6	3.2	1.3	14.3	12.4	11.3
Hours worked at home:													
1-9 hours .....	15.0	.8	.2	.2	.7	2.5	1.0	1.4	1.2	—	5.5	4.8	3.5
10-19 hours .....	7.4	.3	—	—	—	1.7	.8	.8	.5	.2	2.9	3.1	1.0
20-29 hours .....	5.8	.7	—	—	—	.5	.3	.7	.5	.2	1.3	1.8	2.1
30-39 hours .....	2.4	—	—	—	—	.3	—	.2	.2	.2	1.0	.6	.5
40 hours or more .....	9.4	—	.4	.3	—	1.6	.5	1.2	.7	.5	3.1	1.4	3.5
Not reported .....	2.5	.2	.3	.1	.2	.5	—	.3	.2	.4	.5	.8	.6
Did not work at home .....	136.2	6.6	8.8	1.3	5.5	35.8	8.3	8.5	13.3	4.7	35.7	48.3	27.1
Worked at home not reported .....	1.8	.2	—	—	—	.3	—	—	—	—	.3	.6	.7
Worked at home/wage and salary job .....	25.6	1.5	.5	.5	.5	3.9	1.8	2.3	2.2	.7	9.8	7.2	6.4
Days worked at home:													
0 days .....	12.0	.6	.3	.1	.2	1.8	1.0	.8	.8	.2	4.4	4.3	2.4
1-2 days .....	6.5	.5	—	.3	.2	1.1	.2	.3	.9	—	2.8	1.5	1.4
3-4 days .....	2.3	.4	—	—	—	—	.5	.5	.4	—	.8	.5	.7
5 days or more .....	4.0	—	.2	—	.2	.9	.1	.5	.2	.4	1.8	.8	1.3
Not reported .....	.8	—	—	—	—	.1	—	.2	—	.2	—	.2	.5

<sup>1</sup>See back cover for details.

<sup>2</sup>Does not add to total because those that worked at home were not included.

<sup>3</sup>Includes regular scheduled work done for employer at home, i.e. wages, salary and commission jobs and as a self-employed person, contract worker or business owner.

**Table 3-24. Units in Structure by Selected Characteristics—Owner Occupied Units**

[Numbers in thousands. Consistent with Census 2000. ... means not applicable or sample too small. – means zero or rounds to zero]

Characteristics	Total	1, detached	1, attached	Multiunit						Manu- factured/ mobile homes
				Total	2 to 4	5 to 9	10 to 19	20 to 49	50 or more	
<b>Total</b>	<b>323.3</b>	<b>279.9</b>	<b>13.5</b>	<b>10.5</b>	<b>6.8</b>	<b>1.2</b>	<b>.3</b>	<b>1.1</b>	<b>1.0</b>	<b>19.4</b>
<b>Race and Origin</b>										
White alone	229.3	198.5	8.2	7.9	4.7	.9	.3	1.1	.9	14.6
Non-Hispanic	212.7	184.5	7.9	7.1	4.2	.9	.3	1.0	.7	13.1
Hispanic	16.6	14.0	.3	.8	.5	–	–	.2	.2	1.5
Black alone	84.3	74.3	5.1	2.0	1.7	.3	–	–	–	2.8
Non-Hispanic	83.2	73.3	5.0	2.0	1.7	.3	–	–	–	2.8
Hispanic	1.1	.9	.2	–	–	–	–	–	–	–
American Indian or Alaska Native alone	1.5	.8	–	.2	.2	–	–	–	–	.5
Asian alone	5.3	4.2	.2	–	–	–	–	–	–	1.0
Pacific Islander alone <sup>1</sup>	.4	.2	–	–	–	–	–	–	–	.2
Two or more races	2.5	1.9	–	.3	.2	–	–	–	.2	.3
Hispanic or Latino (of any race) <sup>2</sup>	18.5	15.7	.5	.8	.5	–	–	.2	.2	1.5
<b>Cooperatives and Condominiums</b>										
Cooperatives	.5	–	.2	–	–	–	–	–	–	.3
Condominiums	6.9	.2	2.1	4.7	1.5	.9	.3	1.1	.9	–
<b>Year Structure Built<sup>3</sup></b>										
2000 to 2004	16.2	13.5	.5	.5	.5	–	–	–	–	1.7
1995 to 1999	11.3	9.2	–	–	–	–	–	–	–	2.2
1990 to 1994	15.3	13.1	.5	.3	.3	–	–	–	–	1.4
1985 to 1989	25.0	19.2	.9	.6	.3	–	–	.2	.2	4.3
1980 to 1984	28.1	21.2	1.7	1.1	.2	.4	.1	.4	.4	4.0
1975 to 1979	41.8	38.0	1.0	1.9	1.0	.3	–	.6	–	.9
1970 to 1974	38.4	33.5	1.1	.8	.4	.2	–	–	.2	3.0
1960 to 1969	56.2	51.4	1.2	1.9	1.3	–	–	–	.5	1.8
1950 to 1959	36.7	35.0	1.3	.4	.4	–	–	–	–	–
1940 to 1949	23.1	20.6	1.9	.6	.3	.2	.2	–	–	–
1930 to 1939	10.6	9.4	.5	.7	.7	–	–	–	–	–
1920 to 1929	4.9	3.3	.9	.7	.5	–	–	–	.2	–
1919 or earlier	15.6	12.6	2.1	.9	.8	.1	–	–	–	–
<b>Median</b>	<b>1972</b>	<b>1971</b>	<b>1960</b>	<b>1970</b>	<b>1965</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>1985</b>
<b>Rooms</b>										
1 room	.2	–	–	.2	–	.2	–	–	–	–
2 rooms	–	–	–	–	–	–	–	–	–	–
3 rooms	3.5	1.9	.2	1.0	.3	.1	–	.2	.4	4
4 rooms	29.5	16.4	3.7	3.7	1.7	.7	.3	.5	.5	5.7
5 rooms	80.5	64.5	3.5	3.7	3.0	–	–	.5	.2	8.8
6 rooms	88.8	80.6	3.4	1.6	1.6	–	–	–	–	3.1
7 rooms	64.8	61.8	1.5	.4	.2	.2	–	–	–	1.1
8 rooms	30.2	29.4	.5	–	–	–	–	–	–	.4
9 rooms	14.1	14.0	.2	–	–	–	–	–	–	–
10 rooms or more	11.8	11.3	.5	–	–	–	–	–	–	–
<b>Bedrooms</b>										
None	.2	–	–	.2	–	.2	–	–	–	–
1	5.9	3.4	.5	1.3	.3	.1	–	.2	.7	7
2	54.2	36.2	5.9	6.2	3.9	.7	.3	1.0	.3	5.9
3	177.3	158.4	5.4	2.8	2.6	.2	–	–	–	10.8
4 or more	85.7	81.9	1.8	–	–	–	–	–	–	2.0
<b>Complete Bathrooms</b>										
None	1.0	.5	.2	.2	–	.2	–	–	–	.2
1	64.5	49.9	4.4	4.5	3.4	.1	.1	.3	.5	5.6
1 1/2	34.4	28.0	2.6	2.3	1.1	.5	–	.3	.3	1.5
2 or more	223.4	201.5	6.3	3.5	2.3	.4	–	.5	.2	12.0
<b>Square Footage of Unit</b>										
Single detached and manufactured/ mobile homes	299.3	279.9	...	...	...	...	...	...	...	19.4
Less than 500	3.0	2.5	...	...	...	...	...	...	...	.5
500 to 749	5.9	2.9	...	...	...	...	...	...	...	3.0
750 to 999	15.6	11.5	...	...	...	...	...	...	...	4.1
1,000 to 1,499	66.7	60.8	...	...	...	...	...	...	...	5.9
1,500 to 1,999	71.8	70.0	...	...	...	...	...	...	...	1.9
2,000 to 2,499	48.8	47.6	...	...	...	...	...	...	...	1.2
2,500 to 2,999	22.5	22.2	...	...	...	...	...	...	...	.3
3,000 to 3,999	20.5	20.5	...	...	...	...	...	...	...	–
4,000 or more	14.7	14.4	...	...	...	...	...	...	...	.3
Not reported	29.8	27.4	...	...	...	...	...	...	...	2.4
<b>Median</b>	<b>1 803</b>	<b>1 847</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>1 085</b>
<b>Persons per Room</b>										
0.50 or less	241.1	209.2	11.3	9.1	5.6	1.0	.3	1.1	1.0	11.4
0.51 to 1.00	76.9	66.5	2.0	1.4	1.2	.2	–	–	–	6.9
1.01 to 1.50	5.2	4.0	.2	–	–	–	–	–	–	1.0
1.51 or more	.2	.2	–	–	–	–	–	–	–	–
<b>Square Feet per Person</b>										
Single detached and manufactured/ mobile homes	299.3	279.9	...	...	...	...	...	...	...	19.4
Less than 200	6.3	5.2	...	...	...	...	...	...	...	1.2
200 to 299	13.6	10.3	...	...	...	...	...	...	...	3.3
300 to 399	21.0	18.3	...	...	...	...	...	...	...	2.7
400 to 499	25.5	24.1	...	...	...	...	...	...	...	1.4
500 to 599	25.5	23.9	...	...	...	...	...	...	...	1.6
600 to 699	25.3	23.3	...	...	...	...	...	...	...	2.1
700 to 799	18.8	18.3	...	...	...	...	...	...	...	.5
800 to 899	19.3	18.5	...	...	...	...	...	...	...	.8
900 to 999	14.9	14.3	...	...	...	...	...	...	...	.6
1,000 to 1,499	51.6	49.5	...	...	...	...	...	...	...	2.1
1,500 or more	47.7	46.9	...	...	...	...	...	...	...	.8
Not reported	29.8	27.4	...	...	...	...	...	...	...	2.4
<b>Median</b>	<b>793</b>	<b>816</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>496</b>

**Table 3-24. Units in Structure by Selected Characteristics—Owner Occupied Units—Con.**

[Numbers in thousands. Consistent with Census 2000. ... means not applicable or sample too small. — means zero or rounds to zero]

Characteristics	Total	1, detached	1, attached	Multiunit						Manu- factured/ mobile homes
				Total	2 to 4	5 to 9	10 to 19	20 to 49	50 or more	
<b>Equipment<sup>4</sup></b>										
Lacking complete kitchen facilities	1.6	.7	.5	.5	.3	.2	—	—	—	—
With complete kitchen (sink, refrigerator, and oven or burners)	321.7	279.2	13.0	10.0	6.5	1.0	.3	1.1	1.0	19.4
Kitchen sink	322.8	279.7	13.3	10.3	6.8	1.0	.3	1.1	1.0	19.4
Refrigerator	321.8	279.2	13.0	10.2	6.6	1.0	.3	1.1	1.0	19.4
Cooking stove or range	321.7	278.9	13.2	10.2	6.6	1.0	.3	1.1	1.0	19.4
Burners, no stove or range	.7	.7	—	—	—	—	—	—	—	—
Microwave oven only	.3	.3	—	—	—	—	—	—	—	—
Dishwasher	231.2	208.2	8.6	7.8	4.4	1.0	.3	1.0	1.0	6.7
Washing machine	314.3	274.2	12.5	9.3	6.5	1.0	.3	1.0	.5	18.2
Clothes dryer	311.4	272.5	12.1	9.0	6.2	1.0	.3	1.0	.5	17.8
Disposal in kitchen sink	149.2	134.7	7.9	5.3	2.9	.9	.3	.6	.6	1.3
Trash compactor	24.5	22.7	1.2	.6	.6	—	—	—	—	—
<b>Air conditioning:</b>										
Central	274.4	242.8	9.4	8.7	5.2	1.0	.3	1.1	1.0	13.5
Additional central	37.9	34.9	1.5	.5	.3	.1	—	—	—	1.0
1 room unit	7.4	5.8	1.0	.3	.3	—	—	—	—	.4
2 room units	16.2	12.1	.9	.3	.3	—	—	—	—	2.9
3 room units or more	21.6	17.1	1.4	.5	.5	—	—	—	—	2.6
<b>Main Heating Equipment</b>										
Warm-air furnace	262.9	233.2	8.8	7.7	4.5	1.0	.3	1.0	.9	13.2
Steam or hot water system	.7	.5	.2	—	—	—	—	—	—	—
Electric heat pump	21.4	17.1	1.2	1.6	1.1	.2	—	.2	.2	1.6
Built-in electric units	2.3	1.6	.5	—	—	—	—	—	—	.2
Floor, wall, or other built-in hot-air units without ducts	11.2	9.6	.8	.6	.6	—	—	—	—	.2
Room heaters with flue	6.5	4.8	.8	.3	.3	—	—	—	—	.5
Room heaters without flue	7.4	6.1	.8	—	—	—	—	—	—	.5
Portable electric heaters	7.4	4.5	.3	—	—	—	—	—	—	2.6
Stoves	.2	.2	—	—	—	—	—	—	—	—
Fireplaces with inserts	—	—	—	—	—	—	—	—	—	—
Fireplaces without inserts	.2	.2	—	—	—	—	—	—	—	—
Other	3.0	2.1	.1	.1	.1	—	—	—	—	.6
Cooking stove	—	—	—	—	—	—	—	—	—	—
None	.2	.2	—	—	—	—	—	—	—	—
<b>Plumbing</b>										
With all plumbing facilities	320.9	278.5	13.1	10.3	6.8	1.0	.3	1.1	1.0	18.9
Lacking some or all plumbing facilities <sup>4</sup>	2.4	1.4	.4	.2	—	.2	—	—	—	.5
No hot piped water	.8	.3	.2	.2	—	—	—	—	—	.2
No bathtub and no shower	.2	.2	—	—	—	—	—	—	—	—
No flush toilet	.2	.2	—	—	—	—	—	—	—	—
No exclusive use	1.6	1.1	.2	—	—	—	—	—	—	.3
<b>Primary Source of Water</b>										
Public system or private company	304.6	266.9	13.5	10.5	6.8	1.2	.3	1.1	1.0	13.7
Well serving 1 to 5 units	18.3	12.6	—	—	—	—	—	—	—	5.7
Drilled	17.2	11.5	—	—	—	—	—	—	—	5.7
Dug	.2	.2	—	—	—	—	—	—	—	—
Not reported	.9	.9	—	—	—	—	—	—	—	—
Other	.4	.4	—	—	—	—	—	—	—	—
<b>Units Using Each Fuel<sup>4</sup></b>										
Electricity	323.3	279.9	13.5	10.5	6.8	1.2	.3	1.1	1.0	19.4
Piped gas	227.3	210.4	8.3	4.7	4.3	—	—	—	.3	3.9
Bottled gas	8.0	5.3	—	—	—	—	—	—	—	2.7
Fuel oil	21.2	17.5	1.2	.4	—	.2	—	.2	—	2.1
Kerosene or other liquid fuel	2.2	1.5	.2	—	—	—	—	—	—	.5
Coal or coke	—	—	—	—	—	—	—	—	—	—
Wood	19.7	17.5	.5	.5	.3	.2	—	—	—	1.2
Solar energy	—	—	—	—	—	—	—	—	—	—
Other	4.0	3.6	.2	—	—	—	—	—	—	.2
All electric units	95.9	71.4	5.3	5.8	2.4	1.2	.3	1.1	.7	13.4
<b>Selected Amenities<sup>4</sup></b>										
Porch, deck, balcony, or patio	264.6	232.7	11.0	7.9	5.3	1.2	.3	.8	.3	12.9
Telephone available	304.5	264.4	12.7	9.8	6.5	1.1	.3	1.0	1.0	17.6
Usable fireplace	106.6	97.9	4.0	1.6	.9	.4	.1	.2	—	3.2
Separate dining room	179.7	164.9	6.8	4.3	3.2	.2	—	.5	.3	3.8
With 2 or more living rooms or recreation rooms, etc.	112.0	107.5	2.7	.5	.3	—	—	—	—	1.3
Garage or carport included with home	208.2	196.9	5.2	3.2	2.2	.3	—	.1	.5	2.9
Not included	114.9	82.9	8.3	7.2	4.6	.9	.3	1.0	.5	16.5
Off-street parking included	96.9	70.0	5.6	5.6	3.1	.7	.3	1.0	.5	15.6
Off-street parking not reported	.1	.1	—	—	—	—	—	—	—	—
Garage or carport not reported	.1	.1	—	—	—	—	—	—	—	—
<b>Selected Deficiencies<sup>4</sup></b>										
Signs of rats in last 3 months	4.1	3.4	.1	—	—	—	—	—	—	.6
Signs of mice in last 3 months	13.5	10.4	1.3	.3	.3	—	—	—	—	1.4
Signs of rodents, not sure which kind in last 3 months	1.5	1.5	—	—	—	—	—	—	—	—
Holes in floors	4.5	2.7	.2	.3	.2	.2	—	—	—	1.3
Open cracks or holes (interior)	22.5	18.9	1.0	.3	.3	—	—	—	—	2.4
Broken plaster or peeling paint (interior)	8.1	7.1	.3	.2	.2	—	—	—	—	.5
No electrical wiring	.2	—	—	.2	—	—	—	—	—	—
Exposed wiring	1.8	1.5	—	—	—	—	—	—	—	.3
Rooms without electric outlets	5.4	4.5	—	—	—	—	—	—	—	.8



**Table 3-24. Units in Structure by Selected Characteristics—Owner Occupied Units—Con.**

[Numbers in thousands. Consistent with Census 2000. ... means not applicable or sample too small. — means zero or rounds to zero]

Characteristics	Total	1, detached	1, attached	Multiunit						Manu- factured/ mobile homes
				Total	2 to 4	5 to 9	10 to 19	20 to 49	50 or more	
<b>Selected Physical Problems</b>										
Severe physical problems <sup>4</sup>	4.9	3.0	.4	.3	.2	.2	—	—	—	1.2
Plumbing	2.4	1.4	.4	.2	—	.2	—	—	—	.5
Heating	2.0	1.2	—	.2	.2	—	—	—	—	.7
Electric	.2	.2	—	—	—	—	—	—	—	—
Upkeep	.5	.5	—	—	—	—	—	—	—	—
Hallways	—	—	—	—	—	—	—	—	—	—
Moderate physical problems <sup>4</sup>	13.1	10.4	1.1	.5	.5	—	—	—	—	1.0
Plumbing	.4	.4	—	—	—	—	—	—	—	—
Heating	7.2	5.9	.8	—	—	—	—	—	—	.5
Upkeep	4.3	3.6	—	.2	.2	—	—	—	—	.5
Hallways	—	—	—	—	—	—	—	—	—	—
Kitchen	1.3	.7	.3	.3	.3	—	—	—	—	—
<b>Persons</b>										
1 person	79.3	63.3	5.2	6.7	3.7	1.0	.1	1.0	.9	4.2
2 persons	108.9	95.2	4.9	2.3	1.6	.2	.2	.2	.2	6.5
3 persons	54.3	48.4	1.3	.6	.6	—	—	—	—	4.0
4 persons	47.7	43.4	1.5	.5	.5	—	—	—	—	2.4
5 persons	20.8	19.1	.5	.3	.3	—	—	—	—	.9
6 persons	8.9	7.7	.2	—	—	—	—	—	—	1.0
7 persons or more	3.2	2.7	—	—	—	—	—	—	—	.5
<b>Persons 65 Years Old and Over</b>										
None	231.3	200.9	7.7	7.8	4.9	1.2	.3	.6	.7	14.9
1 person	64.2	53.3	4.8	2.5	1.7	—	—	.5	.3	3.5
2 persons or more	27.8	25.6	1.0	.2	.2	—	—	—	—	1.1
<b>Age of Householder</b>										
Under 25 years	7.0	5.1	.2	.9	.5	.2	—	.2	—	.9
25 to 29	11.4	8.4	.5	.4	.3	.1	—	—	—	2.0
30 to 34	19.2	15.0	1.0	1.5	1.0	.4	—	.2	—	1.7
35 to 44	63.9	56.8	1.5	2.0	1.1	.1	.2	—	.5	3.6
45 to 54	77.3	67.9	2.9	1.1	.8	.2	—	—	.2	5.3
55 to 64	63.7	57.1	2.5	2.2	1.6	.2	.1	.3	—	1.9
65 to 74	41.0	35.5	2.1	.9	.6	—	—	.3	—	2.6
75 years and over	39.9	34.2	2.8	1.5	1.0	—	—	.2	.3	1.4
Median	53	53	58	49	51	...	...	...	...	48
<b>Household Composition by Age of Householder</b>										
2-or-more-person households	244.0	216.6	8.3	3.7	3.1	.2	.2	.2	.2	15.3
Married-couple families, no nonrelatives	178.3	163.4	4.6	2.2	2.1	.2	—	—	—	8.0
Under 25 years	2.3	1.9	.2	—	—	—	—	—	—	.2
25 to 29 years	6.3	4.4	.5	—	—	—	—	—	—	1.4
30 to 34 years	11.0	9.4	.5	.3	.3	—	—	—	—	.8
35 to 44 years	41.5	39.4	.7	.6	.6	—	—	—	—	.8
45 to 64 years	82.6	76.0	1.6	1.1	1.0	.2	—	—	—	3.8
65 years and over	34.6	32.3	1.1	.2	.2	—	—	—	—	1.0
Other male householder	19.7	16.0	.9	.2	.2	—	—	—	—	2.7
Under 45 years	8.1	5.9	.3	.2	.2	—	—	—	—	1.6
45 to 64 years	7.3	6.5	.3	—	—	—	—	—	—	.5
65 years and over	4.3	3.6	.2	—	—	—	—	—	—	.6
Other female householder	46.0	37.2	2.9	1.3	.8	—	.2	.2	.2	4.6
Under 45 years	15.2	12.1	.3	.3	—	—	.2	.2	—	2.5
45 to 64 years	20.4	16.6	1.6	.5	.3	—	—	—	.2	1.7
65 years and over	10.3	8.5	.9	.5	.5	—	—	—	—	.4
1-person households	79.3	63.3	5.2	6.7	3.7	1.0	.1	1.0	.9	4.2
Male householder	29.4	22.8	1.8	2.4	1.0	.5	.3	.3	.7	2.4
Under 45 years	9.5	6.9	.3	1.5	.5	.3	—	.2	.5	.7
45 to 64 years	13.0	10.6	1.1	.5	.3	.2	—	—	—	.8
65 years and over	7.0	5.3	.3	.5	.1	—	—	.1	.2	.9
Female householder	49.9	40.5	3.4	4.3	2.8	.5	.1	.7	.2	1.7
Under 45 years	7.6	5.2	.3	1.9	1.3	.5	—	—	—	.2
45 to 64 years	17.5	15.2	.7	1.2	.7	—	.1	.3	—	.4
65 years and over	24.8	20.0	2.4	1.2	.7	—	—	.4	.2	1.2
<b>Adults and Single Children Under 18 Years Old</b>										
Total households with children	106.1	93.9	3.3	1.4	1.4	—	—	—	—	7.5
Married couples	78.6	72.2	1.6	.9	.9	—	—	—	—	3.8
One child under 6 only	8.9	8.0	.5	.2	.2	—	—	—	—	.2
One under 6, one or more 6 to 17	12.5	11.8	.2	.2	.2	—	—	—	—	.4
Two or more under 6 only	5.7	4.5	.5	—	—	—	—	—	—	.6
Two or more under 6, one or more 6 to 17	3.9	3.4	.2	—	—	—	—	—	—	.3
One or more 6 to 17 only	47.6	44.4	.3	.6	.6	—	—	—	—	2.3
Other households with two or more adults	14.1	10.7	.8	.2	.2	—	—	—	—	2.4
One child under 6 only	2.2	1.9	—	—	—	—	—	—	—	.3
One under 6, one or more 6 to 17	1.5	1.5	—	—	—	—	—	—	—	—
Two or more under 6 only	.3	.3	—	—	—	—	—	—	—	—
Two or more under 6, one or more 6 to 17	.8	.4	—	—	—	—	—	—	—	.4
One or more 6 to 17 only	9.3	6.6	.8	.2	.2	—	—	—	—	1.7
Households with one adult or none	13.5	11.0	.8	.3	.3	—	—	—	—	1.3
One child under 6 only	1.4	1.0	.2	—	—	—	—	—	—	.2
One under 6, one or more 6 to 17	.7	.7	—	—	—	—	—	—	—	—
Two or more under 6 only	.2	.2	—	—	—	—	—	—	—	—
Two or more under 6, one or more 6 to 17	—	—	—	—	—	—	—	—	—	—
One or more 6 to 17 only	11.2	9.1	.6	.3	.3	—	—	—	—	1.1
Total households with no children	217.2	186.0	10.2	9.1	5.4	1.2	.3	1.1	1.0	11.9
Married couples	101.3	92.8	3.0	1.3	1.1	.2	—	—	—	4.2
Other households with two or more adults	37.0	30.4	2.0	1.0	.5	—	.2	.2	.2	3.6
Households with one adult	78.8	62.8	5.2	6.7	3.7	1.0	.1	1.0	.9	4.2

**Table 3-24. Units in Structure by Selected Characteristics—Owner Occupied Units—Con.**

[Numbers in thousands. Consistent with Census 2000. ... means not applicable or sample too small. — means zero or rounds to zero]

Characteristics	Total	1, detached	1, attached	Multiunit						Manu- factured/ mobile homes
				Total	2 to 4	5 to 9	10 to 19	20 to 49	50 or more	
<b>Household Income</b>										
Less than \$5,000	19.3	16.3	1.7	.7	.5	—	—	.2	—	.6
\$5,000 to \$9,999	12.9	10.9	.5	.2	.2	—	—	—	—	1.4
\$10,000 to \$14,999	19.7	14.8	1.6	.8	.6	—	—	—	—	2.5
\$15,000 to \$19,999	19.6	16.4	.8	.3	.3	—	—	—	—	2.0
\$20,000 to \$24,999	19.5	14.9	1.6	.7	.4	.2	—	—	—	2.2
\$25,000 to \$29,999	21.5	18.5	.8	.9	.5	—	.1	.1	.2	1.2
\$30,000 to \$34,999	26.0	22.6	.2	.9	.9	.2	.2	.2	—	2.4
\$35,000 to \$39,999	18.5	14.8	.8	1.7	.9	—	.2	—	—	1.3
\$40,000 to \$49,999	31.1	26.6	1.0	1.2	1.0	.5	—	.2	—	2.3
\$50,000 to \$59,999	23.6	20.2	.6	.7	.3	—	—	—	—	2.1
\$60,000 to \$79,999	35.6	33.8	.8	.3	1.1	.2	—	—	—	.6
\$80,000 to \$99,999	24.5	22.7	.6	.7	.5	—	—	.2	—	.5
\$100,000 to \$119,999	15.6	14.0	1.0	.6	.5	—	—	—	.2	—
\$120,000 or more	36.0	33.4	1.5	1.0	.6	—	—	.1	.2	.2
<b>Median</b>	<b>41 508</b>	<b>44 038</b>	<b>28 349</b>	<b>37 262</b>	<b>38 287</b>	...	...	...	...	<b>29 039</b>
As percent of poverty level:										
Less than 50 percent	21.2	17.8	1.7	.7	.5	—	—	.2	—	1.0
50 to 99	18.0	16.1	.8	.2	.2	—	—	—	—	1.0
100 to 149	33.4	23.4	2.3	1.2	1.1	—	—	—	.2	6.5
150 to 199	27.4	23.8	1.0	.3	.3	—	—	—	—	2.3
200 percent or more	223.2	198.7	7.8	8.1	4.7	1.2	.3	.9	.9	8.6
<b>Income of Families and Primary Individuals</b>										
Less than \$5,000	20.2	16.7	1.7	.7	.5	—	—	.2	—	1.2
\$5,000 to \$9,999	13.6	11.4	.5	.2	.2	—	—	—	—	1.6
\$10,000 to \$14,999	19.9	15.0	1.6	.8	.6	—	—	—	—	2.5
\$15,000 to \$19,999	20.2	17.0	1.0	.3	.3	—	—	—	—	1.8
\$20,000 to \$24,999	20.3	15.5	1.5	.7	.4	.2	—	—	—	2.6
\$25,000 to \$29,999	21.1	18.3	.8	.9	.5	—	.1	.1	.2	1.0
\$30,000 to \$34,999	26.0	23.0	.2	.9	.3	.2	.2	.2	—	1.9
\$35,000 to \$39,999	18.3	14.8	.8	1.7	.9	.5	—	—	—	1.1
\$40,000 to \$49,999	31.3	26.1	1.0	1.3	1.0	—	—	.3	—	2.9
\$50,000 to \$59,999	23.4	20.5	.6	.7	.3	.1	—	.2	—	1.6
\$60,000 to \$79,999	34.8	33.1	.8	.3	.1	.2	—	—	—	.6
\$80,000 to \$99,999	23.9	22.3	.6	.5	.5	—	—	—	—	.5
\$100,000 to \$119,999	15.0	13.4	1.0	.6	.5	—	—	—	.2	—
\$120,000 or more	35.5	32.9	1.5	1.0	.6	—	—	.1	.2	.2
<b>Median</b>	<b>40 709</b>	<b>43 170</b>	<b>28 349</b>	<b>37 262</b>	<b>38 287</b>	...	...	...	...	<b>25 281</b>
<b>Monthly Housing Costs</b>										
Less than \$100	7.4	4.2	.2	.5	.3	—	—	—	.2	2.6
\$100 to \$199	58.0	49.4	1.8	1.4	1.1	—	.1	.2	—	5.4
\$200 to \$249	33.7	29.7	1.6	1.0	.8	—	—	.1	—	1.4
\$250 to \$299	22.7	18.4	.9	.3	.3	—	—	—	—	3.1
\$300 to \$349	14.9	12.6	.8	.3	.3	—	—	—	—	1.2
\$350 to \$399	11.6	8.5	.3	.8	.5	.2	—	—	.2	2.0
\$400 to \$449	8.2	7.4	.6	—	—	—	—	—	—	.2
\$450 to \$499	6.8	5.7	.5	.1	.1	—	—	—	—	.5
\$500 to \$599	17.3	14.3	1.1	.6	.4	—	—	.2	—	1.3
\$600 to \$699	21.9	19.7	.6	.9	.1	.4	—	.2	.2	.7
\$700 to \$799	22.6	19.4	1.3	1.3	.8	.3	—	.2	.2	.6
\$800 to \$999	31.6	28.9	.9	1.3	.8	—	—	.1	.4	.5
\$1,000 to \$1,249	25.5	24.4	.2	1.0	.5	—	.2	.2	.2	—
\$1,250 to \$1,499	15.9	14.3	1.2	.4	.3	.1	—	—	—	—
\$1,500 or more	25.0	23.0	1.5	.5	.3	.2	—	—	—	—
No cash rent	...	...	...	...	...	...	...	...	...	...
<b>Median (excludes no cash rent)</b>	<b>486</b>	<b>528</b>	<b>499</b>	<b>631</b>	<b>480</b>	...	...	...	...	<b>254</b>
<b>Monthly Housing Costs as Percent of Current Income<sup>5</sup></b>										
Less than 5 percent	35.7	29.8	.5	1.0	.6	—	—	—	.3	4.5
5 to 9 percent	66.4	58.5	2.4	2.6	2.2	.2	—	.2	—	3.0
10 to 14 percent	54.2	49.1	2.2	.6	.2	—	.1	.1	.2	2.3
15 to 19 percent	44.8	39.4	1.8	.8	.5	—	—	.3	—	2.9
20 to 24 percent	27.2	23.3	.8	.8	.5	.3	—	—	—	2.2
25 to 29 percent	20.2	16.4	.7	1.3	.9	.2	—	—	—	1.8
30 to 34 percent	13.9	11.8	.5	1.2	.4	.3	—	.3	—	.4
35 to 39 percent	11.2	9.6	.5	.4	.4	—	—	—	—	.7
40 to 49 percent	12.9	10.7	1.0	.5	.2	.2	—	—	—	.7
50 to 59 percent	7.1	6.4	.3	.3	.1	—	—	—	.2	—
60 to 69 percent	3.0	2.1	.5	.2	.2	—	—	—	—	.2
70 to 99 percent	4.9	4.5	.3	—	—	—	—	—	—	—
100 percent or more <sup>6</sup>	11.8	10.0	1.0	.7	.5	—	—	.2	—	.2
Zero or negative income	10.1	8.3	1.2	.2	.2	—	—	—	—	.4
No cash rent	...	...	...	...	...	...	...	...	...	...
<b>Median (excludes 2 previous lines)</b>	<b>15</b>	<b>15</b>	<b>18</b>	<b>21</b>	<b>18</b>	...	...	...	...	<b>14</b>
<b>Median (excludes 3 lines before medians)</b>	<b>14</b>	<b>14</b>	<b>17</b>	<b>19</b>	<b>16</b>	...	...	...	...	<b>14</b>
<b>Monthly Cost Paid for Electricity</b>										
Electricity used	323.3	279.9	13.5	10.5	6.8	1.2	.3	1.1	1.0	19.4
Less than \$25	2.3	2.2	.2	—	—	—	—	—	—	—
\$25 to \$49	37.9	32.6	1.0	2.2	.6	.5	.8	.4	.3	2.2
\$50 to \$74	88.7	74.1	4.7	3.6	2.3	.5	.3	.5	.5	6.4
\$75 to \$99	71.4	61.4	3.2	1.8	1.6	.2	—	—	—	5.0
\$100 to \$149	74.2	66.3	2.4	1.1	1.0	—	—	.2	—	4.3
\$150 to \$199	23.2	21.0	.3	.5	.5	—	—	—	—	1.4
\$200 or more	13.0	12.0	.6	.1	.1	—	—	—	—	.2
<b>Median</b>	<b>84</b>	<b>86</b>	<b>78</b>	<b>67</b>	<b>78</b>	...	...	...	...	<b>81</b>
Included in rent, other fee, or obtained free	12.6	10.4	1.1	1.1	.6	—	—	.3	.2	—

**Table 3-24. Units in Structure by Selected Characteristics—Owner Occupied Units—Con.**

[Numbers in thousands. Consistent with Census 2000. ... means not applicable or sample too small. — means zero or rounds to zero]

Characteristics	Total	1, detached	1, attached	Multiunit						Manu- factured/ mobile homes	
				Total	2 to 4	5 to 9	10 to 19	20 to 49	50 or more		
<b>Monthly Cost Paid for Piped Gas</b>											
Piped gas used .....	227.3	210.4	8.3	4.7	4.3	—	—	—	—	.3	3.9
Less than \$25 .....	32.2	29.1	.5	.5	.5	—	—	—	—	—	2.1
\$25 to \$49 .....	114.7	108.8	2.6	2.2	2.1	—	—	—	—	.2	1.1
\$50 to \$74 .....	26.8	25.0	1.1	.3	.3	—	—	—	—	—	.3
\$75 to \$99 .....	7.1	7.0	.2	—	—	—	—	—	—	—	—
\$100 to \$149 .....	5.3	4.6	.6	—	—	—	—	—	—	—	—
\$150 to \$199 .....	2.5	2.2	.3	—	—	—	—	—	—	—	—
\$200 or more .....	3.6	3.3	.2	.2	.2	—	—	—	—	—	—
<b>Median</b> .....	<b>39</b>	<b>39</b>	<b>47</b>	<b>37</b>	<b>37</b>	—	—	—	—	—	—
Included in rent, other fee, or obtained free .....	35.1	30.5	2.9	1.5	1.3	—	—	—	—	.2	.3

<sup>1</sup>Native Hawaiian and other Pacific Islander.

<sup>2</sup>Because Hispanics may be of any race, data can overlap slightly with other groups. Most Hispanics report themselves as White, but some report themselves as Black or in other categories.

<sup>3</sup>For manufactured/mobile homes, oldest category is 1939 or earlier.

<sup>4</sup>Figures may not add to total because more than one category may apply to a unit.

<sup>5</sup>Beginning with 1989, this item uses current income in its calculation, see Appendix A.

<sup>6</sup>May reflect a temporary situation, living off savings, or response error.

**Table 4-1. Introductory Characteristics—Renter Occupied Units**

[Numbers in thousands. Consistent with Census 2000. ... means not applicable or sample too small. – means zero or rounds to zero]

Characteristics	Total occupied units	Housing unit characteristics				Household characteristics					Selected Subareas <sup>1</sup>		
		New construction 4 years	Manufactured/mobile homes	Physical problems		Black alone	Hispanic	Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three
				Severe	Moderate								
<b>Total</b>	<b>174.9</b>	<b>1.8</b>	<b>4.7</b>	<b>7.0</b>	<b>20.5</b>	<b>88.4</b>	<b>11.2</b>	<b>18.5</b>	<b>53.1</b>	<b>50.5</b>	<b>84.7</b>	<b>61.0</b>	<b>13.5</b>
<b>Tenure</b>													
Owner occupied	...	...	...	...	...	...	...	...	...	...	...	...	...
Percent of all occupied	...	...	...	...	...	...	...	...	...	...	...	...	...
Renter occupied	174.9	1.8	4.7	7.0	20.5	88.4	11.2	18.5	53.1	50.5	84.7	61.0	13.5
<b>Race and Origin</b>													
White alone	82.6	1.0	3.0	2.5	5.2	...	8.8	10.1	30.2	16.2	23.8	37.0	10.4
Non-Hispanic	73.8	.7	3.0	2.3	4.7	...	...	9.9	27.5	15.4	22.1	30.8	10.2
Hispanic	8.8	.3	—	.2	.5	...	8.8	.2	2.7	.8	1.7	6.2	.2
Black alone	88.4	.6	1.3	4.4	14.7	88.4	1.9	8.3	21.5	33.5	59.3	22.2	2.7
Non-Hispanic	86.5	.6	1.3	4.2	14.3	86.5	...	8.1	21.1	32.9	58.2	21.4	2.7
Hispanic	1.9	—	—	.1	.3	1.9	1.9	.2	.4	.6	1.1	.8	—
American Indian or Alaska Native alone	—	—	—	—	—	—	—	—	—	—	—	—	—
Asian alone	2.4	.2	.3	—	.3	...	.1	—	1.0	.2	.6	1.4	.2
Pacific Islander alone <sup>2</sup>	.2	—	—	—	—	...	.2	—	—	—	.2	—	—
Two or more races	1.3	—	—	.2	.4	...	.2	.2	.5	.6	.8	.3	.2
Hispanic or Latino (of any race) <sup>3</sup>	11.2	.3	—	.3	.8	1.9	11.2	.3	3.1	1.5	3.0	7.3	.2
<b>Units in Structure</b>													
1, detached	44.3	.7	...	1.5	4.2	19.6	3.1	6.1	11.8	11.2	17.6	14.1	6.4
1, attached	27.5	.3	...	1.8	4.3	19.4	1.0	1.7	7.8	10.1	22.4	4.3	.2
2 to 4	47.8	.3	...	1.6	6.5	24.3	3.1	3.0	13.3	14.3	22.8	18.4	1.6
5 to 9	16.9	—	...	.6	2.4	8.7	.9	1.0	6.7	5.4	6.6	7.7	.8
10 to 19	12.7	.3	...	.5	1.0	6.2	1.6	1.0	4.5	3.0	4.1	7.3	.9
20 to 49	9.3	.2	...	.3	1.0	3.6	.9	1.9	3.4	1.0	4.1	4.4	.8
50 or more	11.8	—	...	.5	.5	5.3	.6	3.2	3.2	3.6	7.0	4.2	.6
Manufactured/mobile home or trailer	4.7	—	4.7	.2	.5	1.3	—	.6	2.3	1.8	.2	.6	2.2
<b>Cooperatives and Condominiums</b>													
Cooperatives	.2	—	—	—	—	—	—	—	.2	—	—	.2	—
Condominiums	6.6	—	—	.2	.5	2.1	.5	1.3	1.4	1.7	3.3	2.9	.4
<b>Year Structure Built<sup>4</sup></b>													
2000 to 2004	2.4	1.8	—	—	.5	1.1	.3	.2	1.3	.8	1.0	1.0	.4
1995 to 1999	3.1	...	.2	—	—	1.6	.1	.1	.9	1.1	1.7	.3	.4
1990 to 1994	2.5	...	.3	—	.2	1.0	—	.4	1.2	.3	.5	.7	.5
1985 to 1989	6.5	...	.8	.2	.2	3.1	.3	.8	2.1	2.1	2.3	1.3	2.0
1980 to 1984	10.3	...	.4	.5	.2	4.5	.6	1.7	3.2	3.0	3.8	4.4	1.2
1975 to 1979	20.0	...	1.6	.7	2.3	10.3	1.5	.8	6.5	5.5	5.5	9.0	2.8
1970 to 1974	29.6	...	.8	.5	2.4	14.1	3.3	2.5	9.2	7.6	8.4	17.5	1.7
1960 to 1969	33.1	...	.2	.9	2.1	15.0	2.9	3.7	8.3	8.6	10.2	17.3	2.7
1950 to 1959	17.7	...	.3	.9	3.6	9.6	.6	2.6	5.1	5.5	9.1	5.5	.7
1940 to 1949	18.1	...	—	.6	3.6	12.3	.5	1.2	5.3	7.2	13.9	2.7	.4
1930 to 1939	10.5	...	—	.9	2.7	7.7	.3	1.7	3.3	4.9	9.7	.4	.2
1920 to 1929	9.1	...	—	.8	2.0	3.3	.8	1.0	4.6	2.2	8.4	.3	.2
1919 or earlier	11.8	...	—	1.0	1.0	4.9	—	1.8	2.1	1.6	10.4	.6	.4
<b>Median</b>	<b>1966</b>	<b>...</b>	<b>1978</b>	<b>1952</b>	<b>1953</b>	<b>1964</b>	<b>1971</b>	<b>1963</b>	<b>1967</b>	<b>1964</b>	<b>1950</b>	<b>1971</b>	<b>1976</b>

<sup>1</sup>See back cover for details.

<sup>2</sup>Native Hawaiian and other Pacific Islander.

<sup>3</sup>Because Hispanics may be of any race, data can overlap slightly with other groups. Most Hispanics report themselves as White, but some report themselves as Black or in other categories.

<sup>4</sup>For manufactured/mobile homes, oldest category is 1939 or earlier.

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

[Numbers in thousands. Consistent with Census 2000. ... means not applicable or sample too small. – means zero or rounds to zero]

Characteristics	Total occupied units	Housing unit characteristics				Household characteristics					Selected Subareas <sup>1</sup>		
		New construction 4 years	Manufactured/mobile homes	Physical problems		Black alone	Hispanic	Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three
				Severe	Moderate								
<b>Total</b> .....	<b>174.9</b>	<b>1.8</b>	<b>4.7</b>	<b>7.0</b>	<b>20.5</b>	<b>88.4</b>	<b>11.2</b>	<b>18.5</b>	<b>53.1</b>	<b>50.5</b>	<b>84.7</b>	<b>61.0</b>	<b>13.5</b>
<b>Stories in Structure<sup>2</sup></b>													
1 .....	79.6	1.0	...	3.8	10.8	42.1	4.4	9.4	19.9	24.3	42.5	21.7	6.0
2 .....	67.0	.5	...	1.4	7.3	33.8	4.7	5.3	22.0	18.3	30.7	26.9	4.8
3 .....	18.0	.3	...	.8	1.8	8.6	2.0	.7	7.4	3.5	7.3	10.3	.4
4 to 6 .....	2.4	–	...	.5	.2	1.4	.1	.6	1.1	.8	2.1	.3	–
7 or more .....	3.2	–	...	.3	–	1.2	–	1.9	.5	1.8	2.0	1.2	–
<b>Stories Between Main and Apartment Entrances</b>													
Multiunits, 2 or more floors .....	75.7	.5	...	2.6	8.0	36.9	6.2	7.8	25.8	19.9	31.7	35.6	3.8
None (on same floor) .....	33.8	.3	...	.6	4.4	13.5	3.0	3.4	12.4	8.2	9.4	19.6	2.1
1 (up or down) .....	20.8	.2	...	.8	2.0	11.6	1.7	1.5	6.4	6.1	10.5	7.5	1.5
2 or more (up or down) .....	21.0	–	...	1.2	1.7	11.8	1.5	2.9	7.0	5.5	11.9	8.5	.2
<b>Common Stairways</b>													
Multiunits, 2 or more floors .....	75.7	.5	...	2.6	8.0	36.9	6.2	7.8	25.8	19.9	31.7	35.6	3.8
No common stairways .....	15.2	.1	...	–	1.7	7.0	1.3	1.4	3.4	4.6	4.6	8.3	.4
With common stairways .....	57.2	.3	...	2.6	6.1	28.9	4.9	5.4	21.5	14.8	26.6	25.0	3.2
No loose steps .....	46.5	.2	...	1.6	4.3	22.9	4.4	4.1	18.1	11.8	20.4	21.2	2.8
Railings not loose .....	34.4	.2	...	1.3	2.3	15.8	3.7	3.3	14.1	8.7	14.3	16.5	1.8
Railings loose .....	9.4	–	...	.2	1.2	5.6	.5	.5	2.8	2.8	4.0	4.3	.6
No railings .....	2.7	–	...	.2	.8	1.6	.2	.3	1.0	.3	2.0	.3	.4
Status of railings not reported .....	.2	–	...	–	–	–	–	–	.2	–	.2	–	–
Loose steps .....	10.7	.2	...	1.0	1.9	5.9	.5	1.3	3.4	3.0	6.2	3.8	.4
Railings not loose .....	8.5	.2	...	.5	.8	4.3	.3	1.3	3.1	2.3	4.9	3.1	.2
Railings loose .....	1.7	–	...	.3	.7	1.2	.2	–	.4	.5	.9	.7	.2
No railings .....	.5	–	...	.2	.3	.5	–	–	–	.2	.5	–	–
Status of railings not reported .....	–	–	...	–	–	–	–	–	–	–	–	–	–
Status of stairways not reported .....	3.2	–	...	–	.2	1.0	–	1.0	.8	.5	.5	2.4	.2
<b>Light Fixtures in Public Halls</b>													
2 or more units in structure .....	98.4	.8	...	3.5	11.4	48.1	7.2	10.1	31.1	27.4	44.6	41.9	4.6
No public halls .....	29.8	.5	...	.6	4.6	15.2	2.2	2.8	6.7	8.0	12.9	12.0	1.6
No light fixtures in public halls .....	4.2	–	...	.3	.7	1.8	.5	.1	1.4	1.5	2.1	1.5	.2
All in working order .....	46.6	.3	...	2.0	3.0	22.2	3.4	5.5	18.1	12.7	21.5	20.9	2.1
Some in working order .....	3.2	–	...	–	.6	1.8	–	.2	1.0	.8	1.7	1.0	–
None in working order .....	8.3	–	...	.6	1.8	4.9	.9	.8	1.9	3.1	3.9	3.4	.4
Not reported .....	6.3	–	...	–	.8	2.3	.2	.7	2.0	1.3	2.5	3.2	.4
<b>Elevator on Floor</b>													
Multiunits, 2 or more floors .....	75.7	.5	...	2.6	8.0	36.9	6.2	7.8	25.8	19.9	31.7	35.6	3.8
With 1 or more elevators working .....	5.2	–	...	.2	.2	1.5	.1	2.6	1.4	2.3	3.6	1.6	–
With elevator, none in working condition .....	–	–	...	–	–	–	–	–	–	–	–	–	–
No elevator .....	70.5	.5	...	2.4	7.9	35.4	6.1	5.2	24.4	17.6	28.1	34.1	3.8
Units 3 or more floors from main entrance .....	4.5	–	...	.5	.3	2.5	.5	.2	1.8	.8	1.9	2.6	–
<b>Foundation</b>													
1-unit building, excluding manufactured/mobile homes .....	71.8	1.0	...	3.3	8.5	39.0	4.1	7.8	19.7	21.3	40.0	18.5	6.6
With basement under all of building .....	1.0	–	...	–	.2	1.0	–	–	.1	.2	1.0	–	–
With basement under part of building .....	–	–	...	–	–	–	–	–	–	–	–	–	–
With crawl space .....	25.0	.3	...	1.3	5.4	16.4	1.1	3.1	7.5	8.0	18.7	2.6	1.0
On concrete slab .....	39.5	.6	...	1.5	1.9	18.8	2.8	3.3	11.2	12.0	16.4	14.8	4.7
Other .....	6.4	–	...	.5	1.1	2.9	.2	1.4	.8	1.1	3.9	1.0	.9
<b>External Building Conditions<sup>3</sup></b>													
Sagging roof .....	7.9	–	...	.4	1.5	5.5	.6	.5	1.5	3.1	3.6	3.1	.4
Missing roofing material .....	12.1	–	...	.4	1.0	3.5	7.2	1.0	1.7	5.0	5.5	5.0	.5
Hole in roof .....	11.1	–	...	.4	1.5	3.0	7.0	.8	1.2	4.7	4.8	4.4	.7
Missing bricks, siding, other outside wall material .....	13.2	–	...	.6	1.5	3.4	8.3	.5	1.1	2.2	3.8	6.4	.6
Sloping outside walls .....	9.4	–	...	.7	1.5	2.5	5.9	.5	.2	1.4	2.8	4.6	.5
Boarded up windows .....	5.3	–	...	.2	.4	1.5	3.9	.5	.3	1.2	2.6	3.4	.4
Broken windows .....	13.3	.3	...	.9	1.2	3.6	6.9	.7	1.0	3.5	4.5	7.6	1.6
Bars on windows .....	31.6	–	...	–	1.5	6.2	22.1	1.3	2.8	7.5	12.1	26.3	3.5
Foundation crumbling or has open crack or hole .....	9.2	.2	...	–	1.5	3.0	5.8	.2	.8	2.3	3.3	5.2	.5
None of the above .....	104.5	1.4	...	2.9	3.0	8.0	47.9	7.7	11.7	34.5	27.2	44.1	9.1
Not reported .....	4.5	–	...	.2	–	.5	1.2	–	.4	1.5	1.3	1.6	.8
<b>Site Placement</b>													
Manufactured/mobile homes .....	4.7	–	...	4.7	.2	.5	1.3	–	.6	2.3	1.8	.2	6
First site .....	1.8	–	...	1.8	–	.5	.8	–	.2	.7	1.0	–	.3
Moved from another site .....	1.7	–	...	1.7	–	–	.5	–	1.2	.5	.2	–	.6
Don't know .....	1.1	–	...	1.1	–	–	–	–	.4	.2	–	.3	.8
Not reported .....	–	–	...	–	–	–	–	–	–	–	–	–	–
<b>Previous Occupancy</b>													
Unit built 1990 or later .....	8.0	1.8	...	.5	–	.6	3.7	.5	.6	3.4	2.3	3.1	1.9
Not previously occupied .....	.6	.5	...	–	–	.1	.3	–	.1	–	–	.2	.2
Not reported .....	.7	–	...	–	–	–	.2	–	.2	–	.2	–	.3

<sup>1</sup>See back cover for details.

<sup>2</sup>Figures exclude manufactured/mobile homes.

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





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

[Numbers in thousands. Consistent with Census 2000. ... means not applicable or sample too small. – means zero or rounds to zero]

Characteristics	Total occupied units	Housing unit characteristics				Household characteristics					Selected Subareas <sup>1</sup>		
		New construction 4 years	Manufactured/mobile homes	Physical problems		Black alone	Hispanic	Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three
				Severe	Moderate								
<b>Primary Source of Water</b>													
Public system or private company .....	171.6	1.6	2.8	6.8	20.0	88.0	11.2	17.7	52.0	49.1	84.7	61.0	10.3
Well serving 1 to 5 units .....	3.3	.2	1.8	.2	.5	.4	–	.8	1.2	1.3	–	–	3.1
Drilled .....	2.4	.2	1.2	–	.4	.4	–	.6	.8	1.3	–	–	2.4
Dug .....	.3	–	.2	–	.1	–	–	–	.2	–	–	–	.2
Not reported .....	.6	–	.4	.2	–	–	–	.2	.2	–	–	–	.6
Other .....	–	–	–	–	–	–	–	–	–	–	–	–	–
<b>Safety of Primary Source of Water</b>													
Selected primary water sources <sup>3</sup> .....	174.9	1.8	4.7	7.0	20.5	88.4	11.2	18.5	53.1	50.5	84.7	61.0	13.5
Safe to drink .....	145.6	1.5	3.4	5.3	15.9	73.8	8.6	16.3	43.5	42.6	72.0	50.1	12.2
Not safe to drink .....	22.8	.3	1.3	1.7	4.1	12.3	2.6	1.2	7.6	6.3	10.5	7.1	1.2
Safety not reported .....	6.5	–	–	–	.5	2.3	–	1.0	2.0	1.5	2.3	3.8	.1
<b>Source of Drinking Water</b>													
Primary source not safe to drink .....	22.8	.3	1.3	1.7	4.1	12.3	2.6	1.2	7.6	6.3	10.5	7.1	1.2
Drinking and primary water source the same .....	1.9	–	.3	.2	.6	.9	–	.1	.3	.7	.9	.3	.2
Public or private system .....	1.7	–	.3	.2	.5	.9	–	.1	.3	.7	.9	.3	.2
Individual well .....	.1	–	–	–	.1	–	–	–	–	–	–	–	–
Spring .....	–	–	–	–	–	–	–	–	–	–	–	–	–
Cistern .....	–	–	–	–	–	–	–	–	–	–	–	–	–
Stream or lake .....	–	–	–	–	–	–	–	–	–	–	–	–	–
Other .....	–	–	–	–	–	–	–	–	–	–	–	–	–
Drinking and primary water source different .....	20.9	.3	1.0	1.6	3.5	11.4	2.6	1.1	7.3	5.7	9.5	6.8	1.0
Public or private system .....	–	–	–	–	–	–	–	–	–	–	–	–	–
Individual well .....	–	–	–	–	–	–	–	–	–	–	–	–	–
Spring .....	.8	–	.2	–	–	.5	–	.3	.2	.3	.5	.3	–
Cistern .....	–	–	–	–	–	–	–	–	–	–	–	–	–
Stream or lake .....	–	–	–	–	–	–	–	–	–	–	–	–	–
Commercial bottled water .....	18.2	.2	.8	1.6	3.1	10.2	2.1	.8	6.4	4.6	8.2	5.9	.8
Other .....	2.0	.2	–	–	.3	.6	.5	–	.6	.8	.8	.7	.2
Source of drinking water not reported .....	–	–	–	–	–	–	–	–	–	–	–	–	–
<b>Means of Sewage Disposal</b>													
Public sewer .....	170.4	1.5	2.6	6.8	20.0	87.8	11.2	17.4	51.8	49.1	84.7	61.0	9.3
Septic tank, cesspool, chemical toilet .....	4.5	.3	2.1	.2	.5	.6	–	1.1	1.4	1.3	–	–	4.2
Other .....	–	–	–	–	–	–	–	–	–	–	–	–	–

<sup>1</sup>See back cover for details.

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

<sup>3</sup>Excludes units where primary source of water is commercial bottled water.



**Table 4-5. Fuels—Renter Occupied Units**

[Numbers in thousands. Consistent with Census 2000. ... means not applicable or sample too small. – means zero or rounds to zero]

Characteristics	Total occupied units	Housing unit characteristics				Household characteristics					Selected Subareas <sup>1</sup>		
		New construction 4 years	Manufactured/mobile homes	Physical problems		Black alone	Hispanic	Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three
				Severe	Moderate								
<b>Total</b>	<b>174.9</b>	<b>1.8</b>	<b>4.7</b>	<b>7.0</b>	<b>20.5</b>	<b>88.4</b>	<b>11.2</b>	<b>18.5</b>	<b>53.1</b>	<b>50.5</b>	<b>84.7</b>	<b>61.0</b>	<b>13.5</b>
<b>Main House Heating Fuel</b>													
Housing units with heating fuel	174.2	1.8	4.5	6.8	20.3	88.1	11.2	18.5	52.8	50.0	84.4	61.0	13.3
Electricity	112.3	1.7	4.5	3.9	6.9	54.6	7.9	11.1	36.4	29.7	43.6	48.1	10.2
Piped gas	59.4	.1	–	2.7	12.9	32.3	2.9	7.0	15.6	19.8	39.3	12.2	2.9
Bottled gas	1.0	–	–	–	.2	.5	–	–	.4	.2	.5	.3	.2
Fuel oil	–	–	–	–	–	–	–	–	–	–	–	–	–
Kerosene or other liquid fuel	1.5	–	–	.2	.3	.7	.5	.3	.5	.3	1.0	.3	–
Coal or coke	–	–	–	–	–	–	–	–	–	–	–	–	–
Wood	–	–	–	–	–	–	–	–	–	–	–	–	–
Solar energy	–	–	–	–	–	–	–	–	–	–	–	–	–
Other	–	–	–	–	–	–	–	–	–	–	–	–	–
<b>Other House Heating Fuels<sup>2</sup></b>													
With other heating fuel	19.6	.4	.6	.8	3.4	9.9	.9	1.6	4.8	6.6	11.2	4.2	3.6
Electricity	11.0	–	–	.3	1.9	4.3	.4	.6	3.0	3.7	5.6	3.0	2.2
Piped gas	5.9	–	–	.6	1.6	4.3	.3	.6	.7	2.3	5.2	.5	.2
Bottled gas	–	–	–	–	–	–	–	–	–	–	–	–	–
Fuel oil	.6	–	–	–	–	.2	.2	.2	–	–	.2	.5	–
Kerosene or other liquid fuel	.2	–	–	–	–	–	–	–	.2	–	.2	–	–
Coal or coke	–	–	–	–	–	–	–	–	–	–	–	–	–
Wood	3.7	.3	.6	–	–	1.9	.2	.2	1.3	1.1	.9	.8	1.6
Solar energy	–	–	–	–	–	–	–	–	–	–	–	–	–
Other	.2	–	–	–	–	–	.2	–	–	–	–	.2	–
<b>Cooking Fuel</b>													
With cooking fuel	174.4	1.8	4.7	6.8	20.2	88.3	11.2	18.5	53.1	50.3	84.4	61.0	13.5
Electricity	96.8	1.7	3.8	3.0	6.6	45.8	7.8	10.1	31.9	24.8	32.3	45.9	10.4
Piped gas	76.5	.1	.7	3.7	13.6	42.1	3.3	8.4	20.7	25.5	51.6	15.0	2.7
Bottled gas	.9	–	.2	–	–	.4	–	–	.6	–	.4	.2	.4
Kerosene or other liquid fuel	–	–	–	–	–	–	–	–	–	–	–	–	–
Coal or coke	–	–	–	–	–	–	–	–	–	–	–	–	–
Wood	–	–	–	–	–	–	–	–	–	–	–	–	–
Solar energy	–	–	–	–	–	–	–	–	–	–	–	–	–
Other	.2	–	–	.2	–	–	.2	–	–	–	.2	–	–
<b>Water Heating Fuel</b>													
With hot piped water	174.6	1.8	4.7	6.7	20.5	88.4	11.1	18.5	53.0	50.5	84.4	61.0	13.5
Electricity	96.0	1.7	4.7	3.1	6.0	45.2	7.2	9.4	31.4	23.8	30.6	45.8	10.6
Piped gas	77.7	.1	–	3.5	14.4	42.5	3.8	9.1	21.2	26.3	53.1	15.0	2.9
Bottled gas	.7	–	–	–	–	.5	–	–	.4	.2	.5	.2	–
Fuel oil	–	–	–	–	–	–	–	–	–	–	–	–	–
Kerosene or other liquid fuel	–	–	–	–	–	–	–	–	–	–	–	–	–
Coal or coke	–	–	–	–	–	–	–	–	–	–	–	–	–
Wood	–	–	–	–	–	–	–	–	–	–	–	–	–
Solar energy	–	–	–	–	–	–	–	–	–	–	–	–	–
Other	.2	–	–	–	–	.2	–	–	–	.2	.2	–	–
<b>Central Air Conditioning Fuel</b>													
With central air conditioning	115.7	1.8	2.2	2.6	7.3	50.8	9.0	11.4	38.1	28.9	42.3	51.5	10.2
Electricity	114.1	1.8	2.2	2.6	7.2	50.4	8.5	11.4	37.3	28.3	41.7	50.8	10.0
Piped gas	1.6	–	–	–	.2	.3	.4	–	.8	.7	.7	.8	.2
Other	–	–	–	–	–	–	–	–	–	–	–	–	–
<b>Other Central Air Fuel</b>													
With other central air	5.3	–	–	.2	.8	3.0	.3	.7	1.7	1.7	2.8	1.6	.5
Electricity	5.3	–	–	.2	.8	3.0	.3	.7	1.7	1.7	2.8	1.6	.5
Gas	–	–	–	–	–	–	–	–	–	–	–	–	–
Other	–	–	–	–	–	–	–	–	–	–	–	–	–
<b>Clothes Dryer Fuel</b>													
With clothes dryer	102.4	1.3	2.6	3.9	11.8	48.5	6.4	9.4	29.8	27.8	48.0	33.3	9.3
Electricity	65.0	1.2	2.6	2.1	6.0	28.1	4.4	6.6	21.1	15.2	23.8	25.5	8.0
Piped gas	36.7	–	–	1.8	5.7	20.2	1.9	2.8	8.6	12.5	24.0	7.6	1.1
Other	.6	.1	–	–	.1	.2	–	–	.2	–	.2	.2	.2
<b>Units Using Each Fuel<sup>2</sup></b>													
Electricity	174.7	1.8	4.7	6.8	20.5	88.4	11.1	18.5	53.1	50.5	84.6	61.0	13.5
Piped gas	92.8	.3	.7	4.5	15.6	50.1	4.3	10.4	25.2	29.7	60.0	20.6	3.4
Bottled gas	1.5	–	.2	–	.2	.7	–	–	.6	.3	.7	.3	.5
Fuel oil	13.2	–	.4	1.4	1.8	7.1	.8	1.4	2.8	4.8	7.6	3.5	.8
Kerosene or other liquid fuel	1.7	–	–	.2	.3	.7	.5	.3	.6	.3	1.2	.3	–
Coal or coke	–	–	–	–	–	–	–	–	–	–	–	–	–
Wood	3.7	.3	.6	–	–	1.9	.2	.2	1.3	1.1	.9	.8	1.6
Solar energy	–	–	–	–	–	–	–	–	–	–	–	–	–
Other	.6	.1	–	.2	.1	.2	.3	–	–	.2	.3	.2	–
All electric units	80.7	1.7	3.8	2.5	4.6	38.1	6.4	8.0	27.2	20.7	24.1	40.1	9.5

<sup>1</sup>See back cover for details.  
<sup>2</sup>Figures 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 Census 2000. ... means not applicable or sample too small. – means zero or rounds to zero]

Characteristics	Total occupied units	Housing unit characteristics				Household characteristics					Selected Subareas <sup>1</sup>		
		New construction 4 years	Manufactured/mobile homes	Physical problems		Black alone	Hispanic	Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three
				Severe	Moderate								
<b>Total .....</b>	<b>174.9</b>	<b>1.8</b>	<b>4.7</b>	<b>7.0</b>	<b>20.5</b>	<b>88.4</b>	<b>11.2</b>	<b>18.5</b>	<b>53.1</b>	<b>50.5</b>	<b>84.7</b>	<b>61.0</b>	<b>13.5</b>
<b>Water Supply Stoppage</b>													
With hot and cold piped water .....	174.6	1.8	4.7	6.7	20.5	88.4	11.1	18.5	53.0	50.5	84.4	61.0	13.5
No stoppage in last 3 months .....	160.2	1.8	4.5	6.2	18.4	83.2	10.6	16.4	47.8	46.1	78.9	53.9	12.6
With stoppage in last 3 months .....	7.2	–	.2	.5	1.8	2.7	.5	.8	2.8	2.7	2.9	2.8	.7
No stoppage lasting 6 hours or more .....	2.6	–	.2	.2	.5	1.0	.1	.5	1.3	1.4	.8	.8	.5
1 time lasting 6 hours or more .....	2.1	–	–	.2	.6	.6	.2	.1	1.2	.6	.8	1.1	.2
2 times .....	1.0	–	–	.2	.3	.3	–	–	.1	.1	.5	.3	–
3 times .....	.6	–	–	–	.3	.3	–	.1	.1	.4	.5	.2	–
4 times or more .....	.9	–	–	–	.5	.5	.1	–	.2	.2	.3	.6	–
Number of times not reported .....	–	–	–	–	–	–	–	–	–	–	–	–	–
Stoppage not reported .....	7.1	–	–	–	.3	2.5	–	1.3	2.4	1.6	2.6	4.2	.1
<b>Flush Toilet Breakdowns</b>													
With one or more flush toilets .....	174.7	1.8	4.7	6.8	20.5	88.4	11.2	18.5	53.1	50.3	84.6	61.0	13.5
With at least one working toilet at all times in last 3 months .....	157.8	1.8	4.2	5.3	17.7	80.6	10.8	16.6	47.0	44.8	76.6	53.7	12.6
None working some time in last 3 months .....	8.8	–	.4	1.2	2.3	4.8	.3	.5	3.4	3.4	4.5	2.9	.8
No breakdowns lasting 6 hours or more .....	3.6	–	.2	.5	.5	1.8	–	–	1.4	1.5	2.0	1.1	.4
1 time lasting 6 hours or more .....	2.8	–	.2	.4	.3	1.1	.3	.2	1.4	.8	1.0	1.3	.4
2 times .....	.6	–	–	–	–	.5	–	–	–	.1	.6	–	–
3 times .....	.5	–	–	–	.5	.3	–	.2	.2	.2	.3	.2	–
4 times or more .....	1.3	–	–	.3	1.0	1.1	–	.2	.5	.8	.6	.3	–
Number of times not reported .....	–	–	–	–	–	–	–	–	–	–	–	–	–
Breakdowns not reported .....	8.1	–	–	.3	.5	3.0	.2	1.5	2.7	2.1	3.4	4.4	.1
<b>Sewage Disposal Breakdowns</b>													
With public sewer .....	170.4	1.5	2.6	6.8	20.0	87.8	11.2	17.4	51.8	49.1	84.7	61.0	9.3
No breakdowns in last 3 months .....	164.1	1.3	2.4	5.5	18.3	83.9	10.7	16.8	50.0	45.9	80.8	59.3	8.6
With breakdowns in last 3 months .....	6.3	.2	.2	1.3	1.8	4.0	.5	.6	1.8	3.2	3.9	1.6	.7
No breakdowns lasting 6 hours or more .....	1.9	–	–	.2	.6	1.4	.2	.2	.5	.7	1.6	.2	.2
1 time lasting 6 hours or more .....	1.1	–	–	.2	.1	.5	.2	–	.2	.8	.5	.3	.4
2 times .....	.7	–	.2	–	.5	.3	.2	–	.2	.3	–	.5	.2
3 times .....	.3	–	–	.2	.2	.2	–	–	–	.2	.3	–	–
4 times or more .....	2.2	.2	–	.8	.3	1.6	–	.5	1.0	1.3	1.6	.7	–
With septic tank or cesspool .....	4.5	.3	2.1	.2	.5	.6	–	1.1	1.4	1.3	–	–	4.2
No breakdowns in last 3 months .....	4.1	.3	1.9	–	.5	.6	–	.9	1.2	1.3	–	–	3.8
With breakdowns in last 3 months .....	.4	–	.2	.2	–	–	–	.2	.2	–	–	–	.4
No breakdowns lasting 6 hours or more .....	–	–	–	–	–	–	–	–	–	–	–	–	–
1 time lasting 6 hours or more .....	.4	–	.2	.2	–	–	–	.2	.2	–	–	–	.4
2 times .....	–	–	–	–	–	–	–	–	–	–	–	–	–
3 times .....	–	–	–	–	–	–	–	–	–	–	–	–	–
4 times or more .....	–	–	–	–	–	–	–	–	–	–	–	–	–
<b>Heating Problems</b>													
With heating equipment and occupied last winter .....	147.0	1.3	3.2	6.0	17.7	76.1	9.6	17.7	25.6	41.9	72.8	51.3	10.4
Not uncomfortably cold for 24 hours or more last winter .....	127.4	1.1	3.0	3.4	13.9	65.7	8.5	15.1	21.6	36.0	62.9	44.3	8.8
Uncomfortably cold for 24 hours or more last winter <sup>2</sup> .....	12.5	.2	.2	2.6	3.6	7.9	1.1	1.3	1.9	4.3	7.2	2.9	1.5
Equipment breakdowns .....	4.7	.2	.2	2.1	.7	3.0	.6	.2	1.4	1.7	2.1	1.6	.4
No breakdowns lasting 6 hours or more .....	.2	–	–	–	–	.2	–	–	.2	–	.2	–	–
1 time lasting 6 hours or more .....	1.4	–	–	–	.7	1.0	.2	–	.4	.2	.3	.8	–
2 times .....	1.0	–	–	–	–	.5	.2	–	.2	.5	.3	.3	.2
3 times .....	.7	–	.2	.7	–	.3	–	–	.2	.3	.3	.1	.2
4 times or more .....	1.3	–	–	1.3	–	1.1	.1	.2	.3	.8	1.0	.3	–
Number of times not reported .....	.1	–	–	–	–	–	–	–	.1	–	–	–	–
Other causes .....	8.5	–	–	1.1	2.8	5.3	.6	1.3	.8	2.9	5.4	1.6	1.1
Utility interruption .....	.5	–	–	.1	.1	.3	–	–	.1	.3	–	–	.2
Inadequate heating capacity .....	3.8	–	–	.5	1.4	2.8	.3	.5	.5	1.5	2.9	.5	.4
Inadequate insulation .....	2.3	–	–	.4	.8	1.3	–	.5	–	.5	1.3	.5	.4
Cost of heating .....	.5	–	–	–	.1	.1	–	.2	–	.1	.3	.2	–
Other .....	2.2	–	–	.4	.5	1.1	.3	.5	.3	.8	1.0	.6	.4
Not reported .....	–	–	–	–	–	–	–	–	–	–	–	–	–
Reason for discomfort not reported .....	–	–	–	–	–	–	–	–	–	–	–	–	–
Discomfort not reported .....	7.1	–	–	–	.3	2.5	–	1.3	2.1	1.6	2.8	4.0	.1
<b>Electric Fuses and Circuit Breakers</b>													
With electrical wiring .....	174.7	1.8	4.7	6.8	20.5	88.4	11.1	18.5	53.1	50.5	84.6	61.0	13.5
No fuses or breakers blown in last 3 months .....	140.4	1.8	4.1	5.3	14.8	70.0	10.1	16.0	41.3	39.9	67.8	47.9	11.5
With fuses or breakers blown in last 3 months .....	22.1	–	.6	1.6	4.9	12.2	.7	.7	8.6	7.4	13.1	5.4	1.6
1 time .....	9.7	–	.6	.6	1.3	4.5	.3	.5	4.2	3.4	6.0	2.3	.9
2 times .....	6.9	–	–	.6	1.8	4.5	–	.2	2.1	2.5	3.6	1.8	.3
3 times .....	1.7	–	–	–	.3	.6	–	.4	–	.8	.5	.2	–
4 times or more .....	3.8	–	–	.3	1.5	2.6	–	–	1.5	1.0	2.6	.8	.2
Number of times not reported .....	–	–	–	–	–	–	–	–	–	–	–	–	–
Problem not reported or don't know .....	12.3	–	–	–	.8	6.2	.3	1.8	3.2	3.2	3.7	7.6	.3

<sup>1</sup>See back cover for details.

<sup>2</sup>Other 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—Con.**

[Numbers in thousands. Consistent with Census 2000. ... means not applicable or sample too small. – means zero or rounds to zero]

Characteristics	Total occupied units	Housing unit characteristics				Household characteristics					Selected Subareas <sup>1</sup>		
		New construction 4 years	Manufactured/mobile homes	Physical problems		Black alone	Hispanic	Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three
				Severe	Moderate								
<b>Renter Maintenance Quality</b>													
Major repairs needed <sup>4</sup> .....	125.1	1.0	3.1	4.4	14.3	63.9	7.7	14.5	35.0	35.9	66.4	41.4	8.0
Work usually started quickly .....	104.3	.5	2.9	3.1	8.6	50.5	6.6	12.4	30.9	28.5	54.8	34.9	6.1
Management solved problem quickly .....	111.2	.7	3.1	3.6	10.2	54.5	6.9	12.8	32.2	30.3	58.5	37.0	7.0
Management polite and considerate .....	122.7	1.0	3.1	4.4	14.2	62.9	7.4	14.2	34.4	35.5	65.5	40.1	7.9
Minor repairs needed <sup>4</sup> .....	129.3	1.1	3.1	4.7	14.6	65.6	8.3	14.1	36.0	37.5	68.0	42.6	8.6
Started quickly enough usually .....	110.0	.8	2.6	3.0	9.9	53.2	7.4	13.0	31.4	30.5	57.6	37.1	6.9
Solved the problem quickly .....	118.4	1.0	3.1	3.7	11.8	58.9	7.8	13.0	33.1	32.5	61.8	39.5	7.9
Polite .....	127.1	1.1	3.1	4.4	14.4	64.5	8.2	13.8	35.5	37.4	66.6	42.1	8.4
<b>Building and Ground Maintenance</b>													
<b>Building Maintenance Quality</b>													
Completely satisfied .....	112.4	1.5	3.1	2.9	8.9	51.0	7.3	13.4	37.5	29.8	52.5	40.3	9.7
Partly satisfied .....	34.6	.2	.7	2.0	4.8	21.9	3.1	2.2	8.8	10.1	19.7	11.0	1.5
Dissatisfied .....	15.9	.2	.5	2.1	5.7	11.0	.7	.6	3.9	7.4	8.5	4.3	1.7
Landlord not responsible .....	4.3	–	.4	–	.6	1.4	.1	1.0	.2	1.2	1.4	.8	.3
Not reported .....	7.8	–	–	–	.5	3.0	–	1.3	2.7	2.0	2.6	4.5	.3
<b>Ground Maintenance Quality</b>													
Completely satisfied .....	113.2	1.6	2.9	4.0	10.3	53.1	7.5	14.0	36.3	32.2	55.8	40.0	8.4
Partly satisfied .....	27.8	–	.5	1.1	3.7	17.1	2.7	.7	7.6	7.4	14.3	9.8	.9
Dissatisfied .....	12.9	.2	.5	1.6	3.4	9.2	.6	.8	3.2	6.0	6.5	3.7	1.5
Landlord not responsible .....	13.5	–	.8	.3	2.6	5.9	.5	1.9	3.5	2.9	5.6	3.2	2.4
Not reported .....	7.5	–	–	–	.5	3.2	–	1.1	2.6	2.0	2.6	4.2	.3
<b>Building and Ground Maintenance Quality</b>													
Completely satisfied with both .....	99.9	1.5	2.7	2.7	7.8	45.8	6.0	12.7	32.6	27.4	47.2	36.3	8.0
Completely dissatisfied with both .....	7.6	–	.3	1.3	2.8	5.5	.5	.2	1.2	4.0	4.1	2.4	.4

<sup>1</sup>See back cover for details.

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

<sup>3</sup>Two or more units of any tenure in the structure.

<sup>4</sup>When landlord responsible for repairs and when at least 1 condition answered.





**Table 4-8. Neighborhood—Renter Occupied Units—Con.**

[Numbers in thousands. Consistent with Census 2000. ... means not applicable or sample too small. – means zero or rounds to zero]

Characteristics	Total occupied units	Housing unit characteristics				Household characteristics					Selected Subareas <sup>1</sup>		
		New construction 4 years	Manufactured/mobile homes	Physical problems		Black alone	Hispanic	Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three
				Severe	Moderate								
<b>Bars on Windows of Buildings Within 300 Feet</b>													
No bars on windows .....	109.4	1.6	3.9	4.6	8.8	48.3	8.0	11.5	33.5	29.5	40.5	46.0	11.4
1 building with bars .....	2.9	–	.4	.3	.5	1.5	.3	.3	.9	1.4	1.3	.8	–
2 or more buildings with bars .....	43.8	–	–	1.3	9.0	29.9	2.3	4.1	13.2	13.7	33.6	7.4	.4
No buildings .....	4.1	.2	–	.3	.5	2.5	.2	.7	1.5	2.0	2.7	.9	.5
Not reported .....	14.7	–	.4	.3	1.8	6.2	.5	2.0	4.0	3.9	6.7	5.9	1.1
<b>Condition of Streets Within 300 Feet</b>													
No repairs needed .....	62.9	1.1	2.1	1.8	5.6	27.4	4.0	8.6	19.6	18.1	20.7	29.2	8.1
Minor repairs needed .....	69.9	.3	1.8	2.7	8.5	32.9	5.4	7.0	22.0	18.0	34.2	24.4	2.8
Major repairs needed .....	37.8	.3	.5	2.5	5.9	26.4	1.8	2.4	10.5	13.0	27.9	6.4	1.5
No streets .....	.2	–	–	–	–	–	–	–	–	–	–	–	.2
Not reported .....	4.1	–	.2	–	.5	1.7	–	.5	1.0	1.3	2.0	1.0	.9
<b>Trash, Litter, or Junk on Streets or Any Properties Within 300 Feet</b>													
None .....	129.2	1.4	2.7	4.7	13.8	60.9	8.8	14.8	41.6	35.8	59.7	48.2	10.5
Minor accumulation .....	26.0	.2	1.2	1.1	4.0	15.5	2.0	1.5	6.5	7.5	14.5	7.6	1.1
Major accumulation .....	15.5	.2	.5	1.2	2.2	10.9	.5	1.7	3.9	6.0	8.8	4.0	1.2
Not reported .....	4.2	–	.2	–	.5	1.2	–	.5	1.2	1.1	1.8	1.2	.8
<b>Parking Lots<sup>2</sup></b>													
With parking lots .....	59.4	.6	.8	2.7	6.4	27.1	5.0	5.7	20.2	16.0	20.3	30.3	3.8
Residents only .....	43.5	.4	.4	2.0	3.7	19.3	4.5	4.3	15.6	10.7	10.9	26.7	2.7
Shoppers or workers only .....	18.8	.1	.4	1.0	1.7	6.3	1.6	2.0	6.9	4.0	5.8	8.6	1.7
Anyone .....	14.7	.3	–	1.3	2.2	7.3	1.1	1.3	3.9	4.3	5.9	7.4	1.0
Kind not reported .....	.5	–	–	–	.2	.2	–	–	.5	.3	.5	–	–
No parking lots within 300 Feet .....	111.7	1.1	3.7	4.3	13.6	60.0	6.2	12.3	32.0	33.3	62.7	29.9	8.9
Parking lot not reported .....	3.8	–	.2	–	.5	1.3	–	.5	1.0	1.1	1.8	.8	.8
<b>Manufactured/Mobile Homes in Group</b>													
Manufactured/mobile homes .....	4.7	–	4.7	.2	.5	1.3	–	.6	2.3	1.8	.2	.6	2.2
1 to 6 .....	3.7	–	3.7	.2	.5	.9	–	.6	2.1	1.4	.2	.3	2.2
7 to 20 .....	.7	–	.7	–	–	.4	–	–	.3	.4	–	–	–
21 or more .....	.3	–	.3	–	–	–	–	–	–	–	–	.3	–

<sup>1</sup>See back cover for details.

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

<sup>3</sup>Limited to single attached and multiunits.







**Table 4-10. Previous Unit of Recent Movers—Renter Occupied Units**

[Numbers in thousands. Consistent with Census 2000. ... means not applicable or sample too small. – means zero or rounds to zero]

Characteristics	Total occupied units	Housing unit characteristics				Household characteristics					Selected Subareas <sup>1</sup>		
		New construction 4 years	Manufactured/mobile homes	Physical problems		Black alone	Hispanic	Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three
				Severe	Moderate								
<b>HOUSEHOLDER MOVED DURING PAST YEAR FROM WITHIN THE UNITED STATES.</b>													
<b>Total</b> .....	<b>52.5</b>	<b>.8</b>	<b>2.3</b>	<b>2.0</b>	<b>4.9</b>	<b>21.2</b>	<b>3.1</b>	<b>2.7</b>	<b>52.5</b>	<b>16.5</b>	<b>22.0</b>	<b>18.4</b>	<b>5.8</b>
<b>Structure Type of Previous Residence</b>													
Moved from within the United States ....	52.5	.8	2.3	2.0	4.9	21.2	3.1	2.7	52.5	16.5	22.0	18.4	5.8
House .....	24.6	.3	.6	1.2	2.9	9.9	1.1	1.7	24.6	7.3	9.8	8.4	4.0
Apartment .....	21.5	.5	.8	.8	1.9	9.8	1.7	.3	21.5	7.2	10.1	8.1	1.1
Manufactured/mobile home .....	1.3	–	.7	–	.2	.3	–	–	1.3	.3	.2	.2	.2
Other .....	1.8	–	–	–	–	.2	.2	.2	1.8	.7	1.0	.2	.2
Not reported .....	3.3	–	.2	–	–	1.0	.2	.5	3.3	1.0	1.0	1.5	.4
<b>Tenure of Previous Residence</b>													
House, apartment, manufactured/mobile home in the United States .....	47.4	.8	2.1	2.0	4.9	20.0	2.8	2.1	47.4	14.9	20.1	16.7	5.2
Owner occupied .....	11.0	.3	.2	.5	1.5	2.4	.6	.7	11.0	2.2	2.6	5.0	2.0
Renter occupied .....	36.4	.5	1.9	1.5	3.5	17.6	2.1	1.4	36.4	12.6	17.5	11.7	3.2
<b>Persons – Previous Residence</b>													
House, apartment, manufactured/mobile home in the United States .....	47.4	.8	2.1	2.0	4.9	20.0	2.8	2.1	47.4	14.9	20.1	16.7	5.2
1 person .....	8.9	.2	.5	.2	.8	3.7	.6	.9	8.9	2.5	4.6	3.1	.8
2 persons .....	10.9	.3	.9	.5	.9	2.6	.8	.5	10.9	2.5	4.0	3.9	1.2
3 persons .....	8.7	.2	.3	.5	1.3	4.2	.3	–	8.7	2.3	3.9	3.1	.9
4 persons .....	6.8	–	.2	.2	.8	3.7	.6	.2	6.8	3.1	2.6	2.8	.8
5 persons .....	5.5	–	–	.3	.6	2.8	.2	.2	5.5	2.8	2.3	1.6	.9
6 persons .....	1.6	–	–	–	–	.6	.2	.1	1.6	.3	.3	.3	.4
7 persons or more .....	1.3	.2	–	.2	.3	1.0	–	–	1.3	.5	1.0	.2	.2
Not reported .....	3.5	–	.2	.2	.2	1.5	.2	.2	3.5	.9	1.4	1.7	.2
<b>Previous Home Owned or Rented by Someone Who Moved Here</b>													
House, apartment, manufactured/mobile home in the United States .....	47.4	.8	2.1	2.0	4.9	20.0	2.8	2.1	47.4	14.9	20.1	16.7	5.2
Owned or rented by a mover .....	35.8	.6	1.9	1.5	3.4	14.8	2.4	1.7	35.8	11.0	15.1	12.7	4.0
Owned or rented by other .....	9.1	.2	.2	.3	1.4	4.6	.2	.2	9.1	3.2	4.0	2.6	1.3
By a relative .....	6.6	–	–	–	1.1	3.5	.2	.2	6.6	2.2	2.3	2.3	.9
By a nonrelative .....	2.5	.2	.2	.3	.3	1.1	–	–	2.5	1.0	1.7	.3	.3
Not reported .....	–	–	–	–	–	–	–	–	–	–	–	–	–
Not reported .....	2.5	–	–	.2	.2	.6	.2	.2	2.5	.7	1.0	1.4	–
<b>Change in Housing Costs</b>													
House, apartment, manufactured/mobile home in the United States .....	47.4	.8	2.1	2.0	4.9	20.0	2.8	2.1	47.4	14.9	20.1	16.7	5.2
Increased with move .....	20.4	.3	1.0	.5	2.2	8.5	1.1	.8	20.4	6.4	9.5	6.4	1.9
Decreased .....	12.0	.2	.7	.5	1.4	5.1	.3	.3	12.0	3.5	4.6	4.2	1.9
Stayed about the same .....	12.1	.3	.4	.9	1.2	5.5	1.2	.8	12.1	3.9	4.9	4.4	1.5
Don't know .....	1.5	–	–	–	–	.8	.2	–	1.5	.3	.5	.9	–
Not reported .....	1.4	–	–	.2	.2	.2	–	.2	1.4	.7	.5	.9	–

<sup>1</sup>See back cover for details.



**Table 4-11. Reasons for Move and Choice of Current Residence—Renter Occupied Units—Con.**

[Numbers in thousands. Consistent with Census 2000. ... means not applicable or sample too small. – means zero or rounds to zero]

Characteristics	Total occupied units	Housing unit characteristics				Household characteristics					Selected Subareas <sup>1</sup>		
		New construction 4 years	Manufactured/mobile homes	Physical problems		Black alone	Hispanic	Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three
				Severe	Moderate								
<b>RESPONDENT MOVED DURING PAST YEAR—Con.</b>													
<b>Main Reason for Choice of Present Home</b>													
All reported reasons equal	1.5	–	–	.2	–	.4	.5	–	1.5	.2	.7	.5	–
Financial reasons	15.7	.3	1.0	1.2	2.0	6.8	.8	.5	15.3	5.6	6.6	5.3	2.3
Room layout/design	7.0	–	–	–	.2	2.9	–	.6	7.0	2.0	3.9	1.5	.7
Kitchen	.3	–	–	–	–	.2	–	.2	.3	.3	.3	–	–
Size	11.1	.2	.5	.2	1.1	5.7	.7	.2	11.0	3.8	6.0	3.3	1.0
Exterior appearance	2.6	–	–	.2	.5	1.1	.2	–	2.6	.5	1.3	1.1	–
Yard/trees/view	.7	–	.2	–	–	–	.1	.1	.7	–	–	.3	.2
Quality of construction	.5	.2	–	–	–	.3	.1	–	.3	–	.3	–	.2
Only one available	2.0	–	–	–	.5	.8	.2	.2	2.0	.5	.3	1.2	.2
Other	8.6	.2	.4	.1	.7	3.2	.6	.3	8.3	2.5	2.7	3.0	1.1
Not reported	3.9	–	.2	.2	–	.7	–	.7	3.9	1.2	1.0	2.2	.2
<b>Home Search</b>													
Now in house	19.8	.3	...	1.0	2.4	10.4	1.0	.7	19.5	7.2	10.7	4.8	2.2
Did not look at apartments	10.6	.3	...	1.2	1.2	5.5	.8	.5	10.4	4.1	4.8	2.5	1.6
Looked at apartments too	8.8	–	...	1.0	1.1	4.6	.3	.3	8.6	3.0	5.7	2.0	.6
Search not reported	.5	–	...	–	.3	–	–	–	.5	.2	.2	.3	–
Now in manufactured/mobile home	2.3	–	2.3	.2	.5	.2	–	.2	2.3	.7	.2	.3	1.2
Did not look at apartments	1.2	–	1.2	–	–	.2	–	–	1.2	.3	.2	–	.4
Looked at apartments too	.9	–	.9	.2	.5	–	–	.2	.9	.2	–	.3	.6
Search not reported	.2	–	.2	–	–	–	–	–	.2	.2	–	–	.2
Now in apartment	31.7	.5	...	.8	2.1	11.5	2.1	1.8	31.0	8.7	12.3	13.2	2.4
Did not look at houses	19.0	.3	...	.6	1.0	6.1	1.3	1.1	18.7	5.3	6.1	8.4	1.7
Looked at houses too	8.9	.2	...	1.1	1.1	4.8	.8	–	8.6	2.4	5.2	2.9	.3
Search not reported	3.7	–	...	.2	–	.5	–	.7	3.7	1.0	1.0	1.9	.4
<b>Recent Mover Comparison to Previous Home</b>													
Better home	23.5	.3	.5	.3	2.1	11.1	2.2	1.1	23.1	7.0	11.1	8.1	1.8
Worse home	10.4	.2	.4	1.0	1.2	4.1	.5	.8	10.2	3.7	4.1	2.9	2.1
About the same	15.7	.3	1.3	.5	1.7	6.0	.5	.2	15.2	4.7	6.8	5.1	1.5
Not reported	4.2	–	.2	.2	–	.9	–	.7	4.2	1.4	1.2	2.2	.4
<b>Recent Mover Comparison to Previous Neighborhood</b>													
Better neighborhood	19.9	.5	.8	.9	1.9	8.2	1.7	1.1	19.5	6.3	9.3	6.6	2.2
Worse neighborhood	8.4	–	.2	.5	1.3	3.7	.7	.2	8.4	3.1	3.2	2.5	1.4
About the same	19.4	.3	1.1	.5	1.4	8.3	.6	.6	18.8	5.4	8.2	6.8	1.7
Same neighborhood	1.8	–	–	–	.3	1.0	.2	–	1.8	.5	1.3	.3	.2
Not reported	4.4	–	.2	.2	–	.9	–	.8	4.4	1.4	1.2	2.2	.4

<sup>1</sup>See back cover for details.

<sup>2</sup>Figures 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 Census 2000.** ... means not applicable or sample too small. – means zero or rounds to zero]

Characteristics	Total occupied units	Housing unit characteristics				Household characteristics					Selected Subareas <sup>1</sup>		
		New construction 4 years	Manufactured/mobile homes	Physical problems		Black alone	Hispanic	Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three
				Severe	Moderate								
<b>Monthly Costs Paid for Selected Utilities and Fuels</b>													
Water paid separately .....	46.3	.6	1.2	1.1	5.5	22.7	3.2	4.6	13.3	12.6	22.8	13.7	4.3
<b>Median</b> .....	<b>23</b>	...	...	...	<b>28</b>	<b>27</b>	...	<b>22</b>	<b>20</b>	<b>24</b>	<b>34</b>	<b>10-</b>	<b>28</b>
Trash paid separately .....	40.1	.7	1.9	1.2	6.2	20.1	3.0	4.8	11.7	12.6	23.3	10.1	4.0
<b>Median</b> .....	<b>15</b>	...	...	...	<b>17</b>	<b>17</b>	...	<b>14</b>	<b>16</b>	<b>16</b>	<b>18</b>	<b>10-</b>	<b>17</b>
Bottled gas paid separately .....	.9	–	.2	–	–	.3	–	–	.4	.2	.5	.2	.2
<b>Median</b> .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Other fuel paid separately .....	2.5	.2	–	.3	.2	1.0	–	.2	1.2	.2	.6	.5	1.4
<b>Median</b> .....	...	...	...	...	...	...	...	...	...	...	...	...	...

<sup>1</sup>See back cover for details.

<sup>2</sup>Beginning with 1989, this item uses current income in its calculation, see Appendix A.

<sup>3</sup>May 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 Census 2000.** ... 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
<b>Total</b> .....	<b>174.9</b>	<b>4.1</b>	<b>95.0</b>	<b>68.1</b>	<b>7.6</b>	<b>1.6</b>	<b>45.0</b>	<b>74.5</b>	<b>44.9</b>	<b>8.9</b>
<b>Persons</b>										
1 person .....	68.4	3.7	50.0	14.3	.4	1.3	33.7	25.5	7.5	.5
2 persons .....	45.3	.4	26.1	17.3	1.5	.3	8.4	27.2	8.6	.8
3 persons .....	27.9	–	12.0	14.4	1.5	–	1.9	13.8	11.0	1.2
4 persons .....	16.6	–	4.4	11.2	1.1	–	.8	5.1	8.9	1.8
5 persons .....	10.4	–	1.6	7.5	1.3	–	.2	2.1	6.4	1.8
6 persons .....	4.5	–	.9	2.5	1.0	–	–	.9	2.0	1.5
7 persons or more .....	1.8	–	–	1.0	.8	–	–	–	.5	1.3
<b>Rooms</b>										
1 room .....	.5	–	–	–	–	.5	–	–	–	–
2 rooms .....	3.7	–	–	–	–	1.1	2.5	–	–	–
3 rooms .....	33.2	–	–	–	–	–	33.2	–	–	–
4 rooms .....	61.8	–	–	–	–	–	8.6	53.2	–	–
5 rooms .....	43.6	–	–	–	–	–	.7	19.8	23.2	–
6 rooms .....	24.5	–	–	–	–	–	–	1.0	19.0	4.5
7 rooms .....	4.6	–	–	–	–	–	–	.2	2.2	2.3
8 rooms .....	1.9	–	–	–	–	–	–	.2	.2	1.5
9 rooms .....	.2	–	–	–	–	–	–	–	–	.2
10 rooms or more .....	1.0	–	–	–	–	–	–	.2	.3	.5
<b>Bedrooms</b>										
None .....	1.6	1.6	–	–	–	–	–	–	–	–
1 .....	45.0	2.5	41.7	.7	–	–	–	–	–	–
2 .....	74.5	–	53.2	20.8	.5	–	–	–	–	–
3 .....	44.9	–	–	42.2	2.7	–	–	–	–	–
4 or more .....	8.9	–	–	4.5	4.5	–	–	–	–	–
<b>Complete Bathrooms</b>										
None .....	2.3	.3	1.4	.5	.1	.2	.3	1.4	.3	.1
1 .....	112.0	3.9	78.1	28.5	1.5	1.4	43.6	49.7	15.6	1.6
1 1/2 .....	23.0	–	9.2	12.8	1.0	–	.8	12.8	8.4	1.0
2 or more .....	37.6	–	6.2	26.3	5.1	–	.2	10.6	20.5	6.2
<b>Lot Size<sup>1</sup></b>										
1-unit structures .....	75.3	.9	30.5	37.2	6.7	.1	10.8	27.6	29.2	7.5
Less than 1/8 acre .....	34.4	.3	17.3	15.1	1.7	–	6.3	14.2	11.2	2.7
1/8 up to 1/4 acre .....	25.7	.3	10.1	12.4	2.8	–	3.4	9.6	9.9	2.8
1/4 up to 1/2 acre .....	6.2	–	1.6	3.9	.6	–	.7	1.3	3.6	.7
1/2 up to 1 acre .....	3.3	–	.5	2.5	.3	–	–	1.0	2.2	.2
1 up to 5 acres .....	4.9	.1	1.0	2.7	1.1	.1	.3	1.3	2.0	1.1
5 up to 10 acres .....	.3	–	–	.2	.2	–	–	.2	.2	–
10 acres or more .....	.5	.2	–	.3	–	–	.2	–	.1	.2
<b>Median</b> .....	<b>.15</b>	<b>...</b>	<b>.13-</b>	<b>.16</b>	<b>.20</b>	<b>...</b>	<b>.13-</b>	<b>.13-</b>	<b>.17</b>	<b>.18</b>
<b>Income of Families and Primary Individuals</b>										
Less than \$5,000 .....	25.2	1.1	13.9	9.3	.8	.3	7.0	10.4	6.2	1.3
\$5,000 to \$9,999 .....	18.5	.8	10.9	6.2	.7	.3	5.5	7.3	4.0	1.5
\$10,000 to \$14,999 .....	19.9	.5	11.7	7.1	.6	.2	6.5	8.1	4.1	1.0
\$15,000 to \$19,999 .....	19.8	.3	13.5	5.1	.8	.2	5.7	9.0	3.6	1.3
\$20,000 to \$24,999 .....	18.4	.1	12.2	5.8	.3	.1	5.1	9.2	3.6	.3
\$25,000 to \$29,999 .....	14.8	.3	7.5	6.5	.5	.1	2.9	8.1	3.0	.6
\$30,000 to \$34,999 .....	15.2	.3	6.9	7.9	–	.2	2.9	6.2	5.3	.6
\$35,000 to \$39,999 .....	10.7	.3	6.3	3.5	.6	.2	3.1	4.9	2.1	.5
\$40,000 to \$49,999 .....	12.5	–	5.5	6.8	.2	–	2.1	5.5	4.6	.3
\$50,000 to \$59,999 .....	5.1	–	1.3	3.0	.8	–	1.0	1.3	2.5	.3
\$60,000 to \$79,999 .....	6.8	.1	2.7	2.9	1.0	–	1.8	1.9	2.5	.6
\$80,000 to \$99,999 .....	3.4	–	1.0	1.9	.5	–	.5	1.2	1.6	.2
\$100,000 to \$119,999 .....	2.1	–	.5	1.2	.3	–	.4	.7	.8	.2
\$120,000 or more .....	2.6	.2	1.1	.8	.5	–	.6	.8	1.0	.3
<b>Median</b> .....	<b>21 110</b>	<b>11 341</b>	<b>19 067</b>	<b>25 453</b>	<b>36 073</b>	<b>...</b>	<b>18 094</b>	<b>21 360</b>	<b>26 570</b>	<b>17 740</b>
<b>Monthly Housing Costs</b>										
Less than \$100 .....	1.4	–	1.1	.3	–	–	.3	.8	.3	–
\$100 to \$199 .....	6.7	–	4.8	2.0	–	–	3.3	1.6	1.5	.3
\$200 to \$249 .....	2.1	–	.9	1.2	–	–	.8	.2	1.0	.2
\$250 to \$299 .....	3.5	.3	2.2	.9	.1	.2	1.2	1.4	.6	.1
\$300 to \$349 .....	5.2	.5	2.5	2.2	–	–	1.3	2.3	1.4	.1
\$350 to \$399 .....	6.6	.7	3.9	1.7	.3	.5	2.7	1.9	1.4	.2
\$400 to \$449 .....	9.7	.6	7.7	1.3	–	.3	5.4	3.7	.3	–
\$450 to \$499 .....	12.5	1.0	8.3	3.3	–	.3	4.7	5.1	1.8	.6
\$500 to \$599 .....	32.1	.2	23.1	8.4	.5	.2	11.2	16.6	3.9	.3
\$600 to \$699 .....	29.2	.3	17.3	10.9	.7	–	6.8	15.1	6.0	1.3
\$700 to \$799 .....	19.2	–	8.5	9.5	1.2	–	3.1	9.0	6.3	.8
\$800 to \$999 .....	18.4	.2	7.0	10.1	1.1	–	2.4	7.2	7.4	1.5
\$1,000 to \$1,249 .....	7.1	.2	1.1	5.2	.6	–	.2	2.0	4.5	.3
\$1,250 to \$1,499 .....	2.6	–	.4	1.7	.5	–	–	.5	1.5	.6
\$1,500 or more .....	4.3	–	1.5	1.9	.8	–	.7	1.3	1.5	.7
No cash rent .....	14.4	.3	4.8	7.6	1.7	.1	1.1	5.7	5.6	1.9
<b>Median (excludes no cash rent)</b> .....	<b>601</b>	<b>438</b>	<b>560</b>	<b>683</b>	<b>828</b>	<b>...</b>	<b>521</b>	<b>605</b>	<b>725</b>	<b>744</b>

<sup>1</sup>Does not include cooperatives or condominiums.



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

[Numbers in thousands. Consistent with Census 2000. .... means not applicable or sample too small. - means zero or rounds to zero]

Characteristics	Size of occupied detached 1-family homes and 1-family manufactured/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
<b>Total</b> .....	<b>49.0</b>	<b>1.0</b>	<b>8.9</b>	<b>13.7</b>	<b>8.0</b>	<b>3.8</b>	<b>2.2</b>	<b>11.4</b>	<b>1 325</b>
<b>Persons</b>									
1 person .....	14.9	.7	3.8	4.8	1.0	1.1	.5	3.0	1 145
2 persons .....	12.7	.1	2.2	3.6	2.7	.6	1.0	2.4	1 387
3 persons .....	8.8	—	1.5	1.9	1.7	.8	.3	2.5	1 421
4 persons .....	5.1	—	.8	1.6	1.5	.2	.2	.8	1 424
5 persons .....	4.6	.2	.5	1.3	.7	.5	—	1.5	1 354
6 persons .....	2.1	—	—	.3	.2	.3	—	1.3	...
7 persons or more .....	.8	—	—	.2	.3	.2	.2	—	...
<b>Rooms</b>									
1 room .....	—	—	—	—	—	—	—	—	...
2 rooms .....	.4	.3	—	.1	—	—	—	—	...
3 rooms .....	3.6	.3	1.5	.5	—	—	—	1.2	...
4 rooms .....	10.4	.3	3.8	2.3	.1	.6	.5	2.7	966
5 rooms .....	15.7	—	2.4	6.5	2.6	.8	.3	3.1	1 301
6 rooms .....	13.4	—	1.2	3.6	3.8	.9	.7	3.4	1 531
7 rooms .....	3.4	—	—	.3	1.2	1.0	.4	.4	...
8 rooms .....	1.2	.2	—	.2	.2	.2	.2	.2	...
9 rooms .....	.2	—	—	—	—	.2	—	—	...
10 rooms or more .....	.8	—	—	.2	.1	—	.2	.3	...
<b>Bedrooms</b>									
None .....	.1	—	—	.1	—	—	—	—	...
1 .....	4.5	.6	2.0	.5	—	—	—	1.4	746
2 .....	15.4	.3	4.9	4.6	.6	.6	.5	3.9	1 063
3 .....	23.0	—	1.8	7.8	5.7	2.0	1.1	4.6	1 474
4 or more .....	5.9	.2	.2	.6	1.7	1.2	.6	1.5	1 874
<b>Complete Bathrooms</b>									
None .....	.2	—	—	.2	—	—	—	—	...
1 .....	26.0	.9	7.7	6.7	1.5	.6	1.0	7.6	1 045
1 1/2 .....	5.0	—	.3	2.1	1.5	.2	.3	.6	1 457
2 or more .....	17.8	.2	.8	4.7	5.0	3.0	.8	3.3	1 658
<b>Lot Size<sup>1</sup></b>									
1-unit structures .....	48.6	1.0	8.9	13.7	7.9	3.6	2.2	11.4	1 318
Less than 1/8 acre .....	18.4	.8	3.7	4.9	1.6	1.6	1.2	4.6	1 245
1/8 up to 1/4 acre .....	18.0	.3	4.3	4.6	3.6	.9	.5	3.7	1 276
1/4 up to 1/2 acre .....	5.1	—	.3	1.9	.9	.4	—	1.4	1 399
1/2 up to 1 acre .....	2.5	—	.3	.8	.8	—	—	.3	...
1 up to 5 acres .....	4.1	—	.2	1.5	.3	.5	.2	1.4	1 397
5 up to 10 acres .....	.3	—	—	—	.2	—	.2	—	...
10 acres or more .....	.3	—	—	—	.2	—	—	—	...
<b>Median</b> .....	<b>.17</b>	<b>...</b>	<b>.15</b>	<b>.18</b>	<b>.21</b>	<b>...</b>	<b>...</b>	<b>.17</b>	<b>...</b>
<b>Income of Families and Primary Individuals</b>									
Less than \$5,000 .....	6.1	—	1.5	2.0	.3	.2	.2	1.9	1 140
\$5,000 to \$9,999 .....	5.2	—	1.1	1.1	.8	.2	.3	1.4	1 240
\$10,000 to \$14,999 .....	5.2	.3	1.0	1.7	.3	.8	.2	1.3	1 292
\$15,000 to \$19,999 .....	4.3	—	.8	.8	.8	.4	.3	1.3	1 472
\$20,000 to \$24,999 .....	4.6	.3	.8	1.5	.6	.3	—	1.2	1 223
\$25,000 to \$29,999 .....	4.5	—	.7	1.4	1.0	—	—	1.4	1 302
\$30,000 to \$34,999 .....	4.1	—	.8	1.6	.7	.3	—	.7	1 293
\$35,000 to \$39,999 .....	3.4	.3	.6	.7	.6	.5	.1	.6	...
\$40,000 to \$49,999 .....	4.1	—	.5	1.5	1.0	.2	.3	.7	1 416
\$50,000 to \$59,999 .....	1.8	—	—	.6	.8	.1	.2	—	...
\$60,000 to \$79,999 .....	2.7	.1	.7	.3	.8	.2	—	.5	...
\$80,000 to \$99,999 .....	1.4	—	.5	.4	—	—	.2	.3	...
\$100,000 to \$119,999 .....	.9	—	—	—	—	.4	.4	.2	...
\$120,000 or more .....	.7	—	—	—	.3	.3	—	—	...
<b>Median</b> .....	<b>23 991</b>	<b>...</b>	<b>20 548</b>	<b>24 164</b>	<b>31 264</b>	<b>...</b>	<b>...</b>	<b>19 688</b>	<b>...</b>
<b>Monthly Housing Costs</b>									
Less than \$100 .....	.2	—	—	—	—	—	—	.2	...
\$100 to \$199 .....	.9	—	—	—	.2	—	—	.7	...
\$200 to \$249 .....	1.0	—	—	.4	.1	—	—	.5	...
\$250 to \$299 .....	1.3	.4	.2	—	.1	—	—	.5	...
\$300 to \$349 .....	1.8	—	.6	.6	—	.3	—	.3	...
\$350 to \$399 .....	1.3	—	.6	.3	—	—	—	.4	...
\$400 to \$449 .....	1.6	—	.9	.2	—	—	—	.5	...
\$450 to \$499 .....	1.9	.2	.1	.8	.3	—	—	.5	...
\$500 to \$599 .....	6.0	—	1.9	.8	.3	.4	.7	2.0	1 062
\$600 to \$699 .....	7.2	—	1.4	2.3	1.3	.7	.4	1.2	1 345
\$700 to \$799 .....	4.4	—	.5	1.4	.9	.4	—	1.2	1 396
\$800 to \$999 .....	6.4	.2	.5	2.4	1.5	.6	.3	1.0	1 430
\$1,000 to \$1,249 .....	3.1	—	.2	.8	1.6	.4	—	.2	...
\$1,250 to \$1,499 .....	1.2	—	.1	.3	—	.2	.2	.4	...
\$1,500 or more .....	1.4	—	—	.2	.3	.2	.2	.5	...
No cash rent .....	9.5	.3	1.8	3.3	1.4	.8	.5	1.4	1 288
<b>Median (excludes no cash rent)</b> .....	<b>654</b>	<b>...</b>	<b>560</b>	<b>696</b>	<b>810</b>	<b>...</b>	<b>...</b>	<b>569</b>	<b>...</b>

<sup>1</sup>Does not include cooperatives or condominiums.

**Table 4-19. Detailed Tenure by Financial Characteristics—Renter Occupied Units**

[Numbers in thousands. Consistent with Census 2000. ... 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 <sup>1</sup>	
	Total	Specified <sup>2</sup>	Not specified		Total	Specified <sup>2</sup>	Not specified		Specified <sup>3</sup>	Other	Specified <sup>3</sup>	Other
			Condo or Co-op	Other			Condo or Co-op	Other				
<b>Total</b> .....	...	...	...	...	...	...	...	...	174.4	.5	148.3	.5
<b>Income of Families and Primary Individuals</b>												
Less than \$5,000 .....	...	...	...	...	...	...	...	...	25.1	.2	19.4	.2
\$5,000 to \$9,999 .....	...	...	...	...	...	...	...	...	18.5	–	11.7	–
\$10,000 to \$14,999 .....	...	...	...	...	...	...	...	...	19.9	–	15.7	–
\$15,000 to \$19,999 .....	...	...	...	...	...	...	...	...	19.6	.2	16.6	.2
\$20,000 to \$24,999 .....	...	...	...	...	...	...	...	...	18.4	–	16.1	–
\$25,000 to \$29,999 .....	...	...	...	...	...	...	...	...	14.8	–	13.8	–
\$30,000 to \$34,999 .....	...	...	...	...	...	...	...	...	15.2	–	13.9	–
\$35,000 to \$39,999 .....	...	...	...	...	...	...	...	...	10.6	.1	9.6	.1
\$40,000 to \$49,999 .....	...	...	...	...	...	...	...	...	12.5	–	12.4	–
\$50,000 to \$59,999 .....	...	...	...	...	...	...	...	...	5.1	–	4.6	–
\$60,000 to \$79,999 .....	...	...	...	...	...	...	...	...	6.8	–	6.6	–
\$80,000 to \$99,999 .....	...	...	...	...	...	...	...	...	3.4	–	3.4	–
\$100,000 to \$119,999 .....	...	...	...	...	...	...	...	...	2.1	–	2.1	–
\$120,000 or more .....	...	...	...	...	...	...	...	...	2.6	–	2.5	–
<b>Median</b> .....	...	...	...	...	...	...	...	...	21 135	...	23 334	...
<b>Monthly Housing Costs</b>												
Less than \$100 .....	...	...	...	...	...	...	...	...	1.4	–	.3	–
\$100 to \$199 .....	...	...	...	...	...	...	...	...	6.7	–	1.7	–
\$200 to \$249 .....	...	...	...	...	...	...	...	...	2.1	–	.8	–
\$250 to \$299 .....	...	...	...	...	...	...	...	...	3.5	–	2.2	–
\$300 to \$349 .....	...	...	...	...	...	...	...	...	5.0	.2	4.1	.2
\$350 to \$399 .....	...	...	...	...	...	...	...	...	6.6	–	5.6	–
\$400 to \$449 .....	...	...	...	...	...	...	...	...	9.7	–	8.3	–
\$450 to \$499 .....	...	...	...	...	...	...	...	...	12.5	–	11.1	–
\$500 to \$599 .....	...	...	...	...	...	...	...	...	32.1	–	29.8	–
\$600 to \$699 .....	...	...	...	...	...	...	...	...	29.2	–	26.6	–
\$700 to \$799 .....	...	...	...	...	...	...	...	...	19.2	–	17.9	–
\$800 to \$999 .....	...	...	...	...	...	...	...	...	18.3	.1	16.5	.1
\$1,000 to \$1,249 .....	...	...	...	...	...	...	...	...	7.1	–	6.5	–
\$1,250 to \$1,499 .....	...	...	...	...	...	...	...	...	2.6	–	2.6	–
\$1,500 or more .....	...	...	...	...	...	...	...	...	4.3	–	4.1	–
No cash rent .....	...	...	...	...	...	...	...	...	14.3	.2	10.3	.2
<b>Median (excludes no cash rent)</b> .....	...	...	...	...	...	...	...	...	601	...	619	...
<b>Monthly Housing Costs as Percent of Current income<sup>4</sup></b>												
Less than 5 percent .....	...	...	...	...	...	...	...	...	.6	–	.2	–
5 to 9 percent .....	...	...	...	...	...	...	...	...	5.2	–	4.7	–
10 to 14 percent .....	...	...	...	...	...	...	...	...	12.4	–	10.8	–
15 to 19 percent .....	...	...	...	...	...	...	...	...	17.5	.1	16.1	.1
20 to 24 percent .....	...	...	...	...	...	...	...	...	21.6	–	18.7	–
25 to 29 percent .....	...	...	...	...	...	...	...	...	15.6	–	12.7	–
30 to 34 percent .....	...	...	...	...	...	...	...	...	13.9	–	11.9	–
35 to 39 percent .....	...	...	...	...	...	...	...	...	11.9	–	10.9	–
40 to 49 percent .....	...	...	...	...	...	...	...	...	14.3	–	12.4	–
50 to 59 percent .....	...	...	...	...	...	...	...	...	8.4	–	7.0	–
60 to 69 percent .....	...	...	...	...	...	...	...	...	4.8	–	4.1	–
70 to 99 percent .....	...	...	...	...	...	...	...	...	7.4	–	6.7	–
100 percent or more <sup>5</sup> .....	...	...	...	...	...	...	...	...	15.1	–	12.0	–
Zero or negative income .....	...	...	...	...	...	...	...	...	11.5	.2	9.6	.2
No cash rent .....	...	...	...	...	...	...	...	...	14.3	.2	10.3	.2
<b>Median (excludes 2 previous lines)</b> .....	...	...	...	...	...	...	...	...	31	...	30	...
<b>Median (excludes 3 lines before medians)</b> .....	...	...	...	...	...	...	...	...	28	...	28	...

<sup>1</sup>Excludes units in public housing projects and housing units with government rent subsidies.  
<sup>2</sup>Limited to one-unit structures on less than 10 acres and no business on property.  
<sup>3</sup>Excludes one-unit structures on 10 acres or more.  
<sup>4</sup>Beginning with 1989, this item uses current income in its calculation, see Appendix A.  
<sup>5</sup>May 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 Census 2000.** ... 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
<b>Rent Reductions</b>														
No subsidy .....	141.2	10.4	7.6	11.3	15.1	16.1	29.2	21.5	16.2	6.6	2.9	1.9	2.5	23 453
Rent control .....	–	–	–	–	–	–	–	–	–	–	–	–	–	...
No rent control .....	140.9	10.4	7.6	11.3	15.1	16.0	29.2	21.3	16.2	6.6	2.9	1.9	2.5	23 453
Reduced by owner .....	8.7	.5	.8	1.4	1.2	1.3	.9	.6	1.0	.7	–	–	.3	16 946
Not reduced by owner .....	130.6	9.9	6.6	9.8	13.8	14.5	28.0	20.6	14.8	5.7	2.9	1.9	2.1	23 831
Owner reduction not reported .....	1.7	–	.2	.2	.1	.2	.3	.2	.3	.2	–	–	–	...
Rent control not reported .....	.3	–	–	–	–	.1	–	.1	–	–	–	–	–	...
Owned by public housing authority .....	7.4	.8	1.4	2.2	1.7	.3	.6	.3	–	–	–	–	.2	8 568
Government subsidy .....	7.2	.6	1.5	1.9	.9	1.2	.6	.4	–	–	–	–	–	8 831
Other, income verification .....	11.4	.7	.7	2.7	1.6	1.5	2.0	1.5	.6	.2	–	–	–	15 180
Subsidy not reported .....	7.6	1.3	.3	.4	.6	.7	.6	2.2	.8	–	.5	.2	–	28 658

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

<sup>2</sup>Beginning with 1989, this item uses current income in its calculation, see Appendix A.

<sup>3</sup>May reflect a temporary situation, living off savings, or response error.









**Table 4-23. Journey to Work—Renter Occupied Units—Con.**

[Numbers in thousands. Consistent with Census 2000. ... means not applicable or sample too small. — means zero or rounds to zero]

Characteristics	Total occupied units	Housing unit characteristics				Household characteristics					Selected Subareas <sup>1</sup>		
		New construction 4 years	Manufactured/mobile homes	Physical problems		Black alone	Hispanic	Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three
				Severe	Moderate								
<b>Travel Time From Home to Work for Householder</b>													
Less than 15 minutes .....	33.2	—	1.0	1.5	4.7	16.4	1.9	.6	10.8	5.0	14.9	10.7	3.9
15 to 29 minutes .....	37.1	.5	.4	1.9	3.7	18.2	2.2	.2	11.5	5.4	19.7	13.8	1.6
30 to 44 minutes .....	12.6	.1	.3	.2	1.0	6.9	1.7	.5	3.8	1.3	4.9	5.8	1.3
45 to 59 minutes .....	4.2	.2	.2	.2	.3	2.3	.5	—	1.8	.8	1.5	1.3	.4
1 hour to 1 hour and 29 minutes .....	4.3	.2	.3	.3	.9	2.3	.5	.2	1.8	.8	1.9	1.2	.7
1 hour 30 minutes or more .....	1.5	.2	—	—	.2	.8	.2	—	.3	—	.6	.7	.2
Works at home .....	1.0	—	—	—	—	.2	.2	—	.2	.3	.2	.5	.2
No fixed place of work .....	8.3	—	1.0	.3	.8	3.4	1.0	.3	2.1	1.2	3.1	2.1	.9
<b>Median</b> .....	<b>20</b>	<b>...</b>	<b>...</b>	<b>19</b>	<b>18</b>	<b>21</b>	<b>25</b>	<b>...</b>	<b>20</b>	<b>20</b>	<b>20</b>	<b>22</b>	<b>16</b>
<b>Distance From Home to Work for Householder</b>													
Less than 1 mile .....	5.9	—	—	.3	.6	2.6	.3	.2	2.2	1.7	3.6	1.1	.5
1 to 4 miles .....	25.9	.2	1.2	1.3	2.9	13.2	1.7	.4	9.5	2.8	13.1	7.8	2.9
5 to 9 miles .....	25.2	.1	—	1.3	4.2	13.6	1.5	.3	7.0	4.3	13.5	9.3	.7
10 to 19 miles .....	24.0	.1	.4	.6	2.5	11.8	1.9	.3	6.2	3.5	10.0	10.4	2.0
20 to 29 miles .....	6.2	.3	.3	.3	.2	2.5	1.1	.2	2.7	.8	1.8	3.0	.7
30 to 49 miles .....	3.6	.2	—	.2	.3	2.6	.2	—	1.8	.2	1.4	.5	.9
50 miles or more .....	2.0	.2	.3	—	.2	.5	.3	—	.7	—	.2	1.3	.4
Works at home .....	1.0	—	—	—	—	.2	.2	—	.2	.3	.2	.5	.2
No fixed place of work .....	8.3	—	1.0	.3	.8	3.4	1.0	.3	2.1	1.2	3.1	2.1	.9
<b>Median</b> .....	<b>8</b>	<b>...</b>	<b>...</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>10</b>	<b>...</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>9</b>	<b>9</b>
<b>Departure Time to Work for Householder<sup>2</sup></b>													
12 Midnight to 2:59 a.m. ....	1.0	—	—	—	—	.5	.2	—	.3	—	.3	.5	.2
3:00 a.m. to 5:59 a.m. ....	11.9	.2	.3	.3	1.5	6.1	1.3	.3	3.0	2.0	3.1	5.3	1.6
6:00 a.m. to 6:59 a.m. ....	18.6	.3	.5	.9	1.2	9.6	1.9	.3	6.0	2.2	7.1	7.5	1.8
7:00 a.m. to 7:29 a.m. ....	13.5	—	.7	—	1.2	8.0	.5	.3	3.8	1.6	7.0	3.6	1.7
7:30 a.m. to 7:59 a.m. ....	11.6	.2	.6	.7	1.2	4.0	1.4	—	4.0	1.0	5.4	4.5	.7
8:00 a.m. to 8:29 a.m. ....	10.9	.2	—	.5	1.4	5.5	.8	.2	3.4	2.0	6.4	3.4	.6
8:30 a.m. to 8:59 a.m. ....	5.6	.2	—	.2	.7	1.2	.3	.2	1.9	.7	2.8	1.9	.4
9:00 a.m. to 9:59 a.m. ....	5.5	—	.5	.5	1.0	2.6	.3	—	2.1	.9	3.7	1.0	.4
10:00 a.m. to 3:59 p.m. ....	11.2	.2	—	.8	2.0	6.2	.9	.2	3.1	2.3	6.3	3.5	.7
4:00 p.m. to midnight 12 .....	5.6	—	—	.3	.6	3.1	.3	.1	1.9	1.0	2.5	1.8	.4
Not reported .....	5.8	—	.6	.2	.8	3.6	.2	.2	2.7	.7	2.0	2.6	.5
<b>Worked at Home Last Week</b>													
Worked at home <sup>3</sup> .....	15.6	—	.5	.6	1.9	6.3	1.1	.4	4.7	1.6	6.7	5.4	1.9
Hours worked at home:													
1-9 hours .....	7.5	—	—	.5	.8	3.6	.7	—	2.3	.8	3.5	2.9	.6
10-19 hours .....	1.8	—	—	—	.5	.9	—	—	.8	.2	1.0	.7	—
20-29 hours .....	.8	—	—	—	.3	.3	—	—	.2	—	.1	.6	—
30-39 hours .....	.7	—	.2	—	—	.3	—	—	.2	—	.3	—	.4
40 hours or more .....	4.4	—	.3	.2	.3	1.0	.5	.4	1.2	.7	1.6	1.2	.9
Not reported .....	.3	—	—	—	—	.2	—	—	—	—	.2	—	—
Did not work at home .....	85.0	1.1	2.5	3.7	9.6	43.5	6.8	1.4	26.8	13.2	39.9	29.4	7.1
Worked at home not reported .....	1.6	—	.2	—	.2	.7	.2	—	.9	—	.2	1.2	.2
Worked at home/wage and salary job .....	8.3	—	—	.5	.8	3.0	.8	.4	2.4	.3	3.4	3.5	.8
Days worked at home:													
0 days .....	4.1	—	—	.5	.3	2.0	—	—	1.2	—	2.1	1.5	.2
1-2 days .....	2.5	—	—	—	.5	.7	.3	—	1.2	—	.8	1.2	.3
3-4 days .....	.2	—	—	—	—	—	—	.2	—	—	—	—	.2
5 days or more .....	1.4	—	—	—	—	.3	.5	.2	—	.3	.5	.8	—
Not reported .....	—	—	—	—	—	—	—	—	—	—	—	—	—

<sup>1</sup>See back cover for details.

<sup>2</sup>Does not add to total because those that worked at home were not included.

<sup>3</sup>Includes regular scheduled work done for employer at home, i.e. wages, salary and commission jobs and as a self-employed person, contract worker or business owner.

Table 4-24. Units in Structure by Selected Characteristics—Renter Occupied Units

[Numbers in thousands. Consistent with Census 2000. ... means not applicable or sample too small. — means zero or rounds to zero]

Characteristics	Total	1, detached	1, attached	Multiunit						Manu- factured/ mobile homes
				Total	2 to 4	5 to 9	10 to 19	20 to 49	50 or more	
<b>Total</b> .....	<b>174.9</b>	<b>44.3</b>	<b>27.5</b>	<b>98.4</b>	<b>47.8</b>	<b>16.9</b>	<b>12.7</b>	<b>9.3</b>	<b>11.8</b>	<b>4.7</b>
<b>Race and Origin</b>										
White alone .....	82.6	23.7	7.3	48.6	22.9	7.9	6.1	5.5	6.2	3.0
Non-Hispanic .....	73.8	21.3	6.4	43.0	20.4	7.3	4.8	4.6	5.9	3.0
Hispanic .....	8.8	2.4	.8	5.6	2.5	.6	1.3	.9	.3	—
Black alone .....	88.4	19.6	19.4	48.1	24.3	8.7	6.2	3.6	5.3	1.3
Non-Hispanic .....	86.5	19.1	19.4	46.6	23.7	8.5	5.9	3.6	5.0	1.3
Hispanic .....	1.9	.5	—	1.4	.6	.2	.3	—	.3	—
American Indian or Alaska Native alone .....	—	—	—	—	—	—	—	—	—	—
Asian alone .....	2.4	.5	.5	1.1	.3	.1	.3	.2	.2	.3
Pacific Islander alone <sup>1</sup> .....	.2	—	.2	—	—	—	—	—	—	—
Two or more races .....	1.3	.5	.2	.6	.4	.1	—	—	.1	—
Hispanic or Latino (of any race) <sup>2</sup> .....	11.2	3.1	1.0	7.2	3.1	.9	1.6	.9	.6	—
<b>Cooperatives and Condominiums</b>										
Cooperatives .....	.2	—	.2	—	—	—	—	—	—	—
Condominiums .....	6.6	.3	.7	5.6	1.5	1.5	.5	.7	1.3	—
<b>Year Structure Built<sup>3</sup></b>										
2000 to 2004 .....	2.4	.9	.3	1.3	.3	—	.5	.5	—	—
1995 to 1999 .....	3.1	.5	.8	1.6	1.3	.2	.2	—	—	.2
1990 to 1994 .....	2.5	.7	.2	1.3	1.0	—	.2	—	.1	.3
1985 to 1989 .....	6.5	1.8	.7	3.2	1.1	.2	.9	.6	.5	.8
1980 to 1984 .....	10.3	2.0	1.4	6.5	2.2	.8	.9	.7	1.9	.4
1975 to 1979 .....	20.0	2.9	2.8	12.7	4.3	3.0	2.4	1.0	2.0	1.6
1970 to 1974 .....	29.6	4.7	4.0	20.1	8.6	3.0	2.6	3.4	2.4	.8
1960 to 1969 .....	33.1	9.0	2.6	21.2	9.1	3.1	3.6	2.4	3.0	.2
1950 to 1959 .....	17.7	6.9	2.4	8.2	5.0	2.0	.3	.2	.8	.3
1940 to 1949 .....	18.1	6.8	4.2	7.1	5.0	1.9	—	—	.2	—
1930 to 1939 .....	10.5	3.2	3.2	4.1	3.0	.8	.2	.2	—	—
1920 to 1929 .....	9.1	2.6	2.2	4.3	2.8	.5	.4	.2	.5	—
1919 or earlier .....	11.8	2.2	2.8	6.8	4.0	1.5	.7	.2	.5	—
<b>Median</b> .....	<b>1966</b>	<b>1960</b>	<b>1956</b>	<b>1969</b>	<b>1965</b>	<b>1966</b>	<b>1972</b>	<b>1972</b>	<b>1972</b>	<b>1978</b>
<b>Rooms</b>										
1 room .....	.5	—	—	.5	.2	—	.2	—	.2	—
2 rooms .....	3.7	.4	.5	2.8	.3	.8	.5	.2	1.0	—
3 rooms .....	33.2	3.6	4.2	25.4	7.1	4.3	4.5	4.3	5.2	—
4 rooms .....	61.8	8.4	12.6	38.8	21.7	5.8	4.5	2.9	4.0	1.9
5 rooms .....	43.6	14.2	5.8	22.2	12.6	3.7	2.8	1.6	1.5	1.4
6 rooms .....	24.5	12.4	3.3	7.7	5.0	2.3	.2	.3	—	1.1
7 rooms .....	4.6	3.4	.6	.7	.7	—	—	—	—	—
8 rooms .....	1.9	1.0	.3	.3	.3	—	—	—	—	.2
9 rooms .....	.2	.2	—	—	—	—	—	—	—	—
10 rooms or more .....	1.0	.8	.2	—	—	—	—	—	—	—
<b>Bedrooms</b>										
None .....	1.6	.1	—	1.5	.2	.3	.3	—	.6	—
1 .....	45.0	4.3	6.3	34.1	10.2	5.6	6.2	6.0	6.1	.2
2 .....	74.5	13.1	12.5	46.5	26.5	7.2	5.1	2.9	4.8	2.4
3 .....	44.9	21.2	6.9	15.0	10.5	2.9	1.1	.3	.2	1.8
4 or more .....	8.9	5.6	1.8	1.3	.5	.8	—	—	—	.3
<b>Complete Bathrooms</b>										
None .....	2.3	.2	.6	1.5	.9	.5	—	—	.2	—
1 .....	112.0	23.3	18.8	67.2	30.6	9.8	10.2	7.7	8.9	2.8
1 1/2 .....	23.0	4.4	2.8	15.2	9.9	2.8	1.5	.7	.3	.6
2 or more .....	37.6	16.5	5.3	14.5	6.5	3.8	1.0	.8	2.3	1.3
<b>Square Footage of Unit</b>										
Single detached and manufactured/ mobile homes .....	49.0	44.3	...	...	...	...	...	...	...	4.7
Less than 500 .....	1.0	1.0	...	...	...	...	...	...	...	—
500 to 749 .....	3.5	3.2	...	...	...	...	...	...	...	.3
750 to 999 .....	5.4	4.8	...	...	...	...	...	...	...	.6
1,000 to 1,499 .....	13.7	11.6	...	...	...	...	...	...	...	2.1
1,500 to 1,999 .....	8.0	7.7	...	...	...	...	...	...	...	.3
2,000 to 2,499 .....	3.8	3.8	...	...	...	...	...	...	...	—
2,500 to 2,999 .....	.8	.8	...	...	...	...	...	...	...	—
3,000 to 3,999 .....	.7	.7	...	...	...	...	...	...	...	—
4,000 or more .....	.7	.7	...	...	...	...	...	...	...	—
Not reported .....	11.4	10.1	...	...	...	...	...	...	...	1.4
<b>Median</b> .....	<b>1 325</b>	<b>1 352</b>	...	...	...	...	...	...	...	<b>1 177</b>
<b>Persons per Room</b>										
0.50 or less .....	112.7	27.8	14.5	67.3	30.2	10.7	8.7	7.5	10.2	3.0
0.51 to 1.00 .....	56.8	14.9	11.2	29.1	16.2	5.8	3.9	1.6	1.6	1.6
1.01 to 1.50 .....	5.0	1.5	1.6	1.8	1.2	.5	—	.2	—	—
1.51 or more .....	.5	.2	.1	.2	.2	—	—	—	—	—
<b>Square Feet per Person</b>										
Single detached and manufactured/ mobile homes .....	49.0	44.3	...	...	...	...	...	...	...	4.7
Less than 200 .....	1.7	1.7	...	...	...	...	...	...	...	—
200 to 299 .....	4.5	3.8	...	...	...	...	...	...	...	.7
300 to 399 .....	4.3	4.3	...	...	...	...	...	...	...	—
400 to 499 .....	4.5	4.0	...	...	...	...	...	...	...	.5
500 to 599 .....	3.6	3.4	...	...	...	...	...	...	...	.2
600 to 699 .....	2.7	2.5	...	...	...	...	...	...	...	.2
700 to 799 .....	2.4	2.2	...	...	...	...	...	...	...	.2
800 to 899 .....	2.6	2.6	...	...	...	...	...	...	...	—
900 to 999 .....	1.9	1.9	...	...	...	...	...	...	...	—
1,000 to 1,499 .....	6.0	4.5	...	...	...	...	...	...	...	1.5
1,500 or more .....	3.4	3.4	...	...	...	...	...	...	...	—
Not reported .....	11.4	10.1	...	...	...	...	...	...	...	1.4
<b>Median</b> .....	<b>605</b>	<b>596</b>	...	...	...	...	...	...	...	<b>735</b>





Table 4-24. **Units in Structure by Selected Characteristics—Renter Occupied Units—Con.**

[Numbers in thousands. Consistent with Census 2000. ... means not applicable or sample too small. — means zero or rounds to zero]

Characteristics	Total	1, detached	1, attached	Multiunit						Manu- factured/ mobile homes
				Total	2 to 4	5 to 9	10 to 19	20 to 49	50 or more	
<b>Income of Families and Primary Individuals</b>										
Less than \$5,000 .....	25.2	5.3	4.9	14.3	7.4	2.1	2.2	.9	1.7	.8
\$5,000 to \$9,999 .....	18.5	4.4	3.3	10.0	4.4	2.7	.7	.3	1.9	.8
\$10,000 to \$14,999 .....	19.9	4.4	2.6	12.1	6.0	2.2	1.3	.9	1.8	.8
\$15,000 to \$19,999 .....	19.8	4.3	4.2	11.2	5.1	1.6	1.8	1.5	1.2	—
\$20,000 to \$24,999 .....	18.4	4.1	3.2	10.5	5.8	1.6	1.0	.9	1.1	.5
\$25,000 to \$29,999 .....	14.8	4.2	2.3	8.0	3.6	1.0	1.0	1.4	1.1	.3
\$30,000 to \$34,999 .....	15.2	3.7	1.8	9.2	4.6	1.7	1.0	.9	1.0	.5
\$35,000 to \$39,999 .....	10.7	3.1	.2	7.1	3.9	1.1	.9	.9	.3	—
\$40,000 to \$49,999 .....	12.5	3.6	2.1	6.3	2.6	.9	1.7	.5	.6	.5
\$50,000 to \$59,999 .....	5.1	1.8	.6	2.7	1.4	.4	.6	.1	.2	—
\$60,000 to \$79,999 .....	6.8	2.7	1.5	2.6	1.0	.9	.2	.2	.3	—
\$80,000 to \$99,999 .....	3.4	1.2	.1	1.9	.9	.4	.3	.2	.2	—
\$100,000 to \$119,999 .....	2.1	.9	—	1.2	.7	.1	—	.2	.2	—
\$120,000 or more .....	2.6	.7	.6	1.4	.5	.2	—	.5	.2	—
<b>Median .....</b>	<b>21 110</b>	<b>24 549</b>	<b>18 513</b>	<b>20 773</b>	<b>20 878</b>	<b>19 550</b>	<b>21 829</b>	<b>25 633</b>	<b>17 123</b>	<b>14 663</b>
<b>Monthly Housing Costs</b>										
Less than \$100 .....	1.4	.2	.2	1.1	.5	.3	—	.2	.1	—
\$100 to \$199 .....	6.7	.3	.9	4.9	1.1	1.1	1.2	.3	1.2	.5
\$200 to \$249 .....	2.1	.8	.2	.9	.3	.3	—	—	.3	.2
\$250 to \$299 .....	3.5	1.3	.6	1.7	.9	.1	.2	—	.5	—
\$300 to \$349 .....	5.2	.9	.8	2.6	2.0	.3	.1	—	.1	.8
\$350 to \$399 .....	6.6	1.1	.7	4.6	1.9	.7	.6	.6	.7	.3
\$400 to \$449 .....	9.7	1.6	2.0	6.1	2.7	1.4	1.0	.7	.3	—
\$450 to \$499 .....	12.5	1.3	2.2	8.5	4.3	1.7	1.0	.5	1.0	.6
\$500 to \$599 .....	32.1	5.2	6.0	20.1	9.2	3.5	2.7	2.3	2.4	.8
\$600 to \$699 .....	29.2	7.0	4.3	17.7	9.0	2.2	2.4	2.3	1.9	.2
\$700 to \$799 .....	19.2	4.2	3.4	11.4	5.5	2.5	1.6	.8	1.0	.2
\$800 to \$999 .....	18.4	6.2	2.0	9.9	5.2	1.7	1.2	1.2	.7	.2
\$1,000 to \$1,249 .....	7.1	3.1	1.4	2.6	1.6	.5	.2	—	.3	—
\$1,250 to \$1,499 .....	2.6	1.2	.7	.7	.3	.2	—	.2	—	—
\$1,500 or more .....	4.3	1.4	.5	2.4	1.1	.2	.2	.2	.8	—
No cash rent .....	14.4	8.7	1.6	3.3	2.4	.2	.3	—	.5	.8
<b>Median (excludes no cash rent) .....</b>	<b>601</b>	<b>675</b>	<b>590</b>	<b>586</b>	<b>598</b>	<b>567</b>	<b>579</b>	<b>600</b>	<b>560</b>	<b>454</b>
<b>Monthly Housing Costs as Percent of Current Income<sup>5</sup></b>										
Less than 5 percent .....	.6	—	.2	.5	.3	—	—	.2	—	—
5 to 9 percent .....	5.2	.8	1.3	3.1	1.5	.7	.7	.2	—	—
10 to 14 percent .....	12.4	2.8	1.5	7.2	2.3	1.7	1.5	.9	.9	.8
15 to 19 percent .....	17.6	4.9	2.6	9.5	4.4	1.6	1.4	1.1	1.1	.6
20 to 24 percent .....	21.6	3.6	2.5	15.2	7.2	2.0	2.0	1.9	2.1	.3
25 to 29 percent .....	15.6	5.5	1.7	7.9	3.4	1.5	.6	.8	1.5	.5
30 to 34 percent .....	13.9	2.7	2.2	8.6	5.1	1.2	.7	.7	1.0	.4
35 to 39 percent .....	11.9	2.5	1.7	7.5	3.6	1.4	1.5	.5	.5	.2
40 to 49 percent .....	14.3	2.8	2.6	8.6	4.5	1.4	1.2	.9	.7	.2
50 to 59 percent .....	8.4	2.0	1.7	4.5	2.2	.8	.5	.3	.7	.2
60 to 69 percent .....	4.8	1.3	1.5	2.0	1.0	.3	—	.5	.2	—
70 to 99 percent .....	7.4	2.2	1.3	3.8	1.7	.7	.3	.3	.7	—
100 percent or more <sup>6</sup> .....	15.1	2.6	2.4	9.9	4.3	2.4	1.2	.6	1.5	.2
Zero or negative income .....	11.6	1.9	2.6	6.8	4.1	.9	.9	.4	.5	.4
No cash rent .....	14.4	8.7	1.6	3.3	2.4	.2	.3	—	.5	.8
<b>Median (excludes 2 previous lines) .....</b>	<b>30</b>	<b>29</b>	<b>34</b>	<b>30</b>	<b>32</b>	<b>31</b>	<b>27</b>	<b>27</b>	<b>29</b>	<b>25</b>
<b>Median (excludes 3 lines before medians) .....</b>	<b>28</b>	<b>28</b>	<b>31</b>	<b>27</b>	<b>29</b>	<b>27</b>	<b>24</b>	<b>25</b>	<b>27</b>	<b>23</b>
<b>Monthly Cost Paid for Electricity</b>										
Electricity used .....	174.7	44.3	27.3	98.4	47.8	16.9	12.7	9.3	11.8	4.7
Less than \$25 .....	5.0	1.3	.2	3.6	2.1	1.0	.5	—	—	—
\$25 to \$49 .....	29.4	6.5	4.3	17.9	6.7	4.1	2.0	2.6	2.5	.8
\$50 to \$74 .....	48.6	10.9	7.5	28.7	13.2	3.6	5.9	2.9	3.2	1.5
\$75 to \$99 .....	28.2	9.0	3.9	14.6	9.3	2.7	.9	.8	.8	.7
\$100 to \$149 .....	29.6	8.5	5.4	14.6	8.2	2.4	1.5	1.2	1.3	1.2
\$150 to \$199 .....	8.9	3.6	1.9	3.4	1.7	.7	.3	.4	.3	—
\$200 or more .....	2.4	1.1	.3	1.0	.4	.1	.3	—	.2	—
<b>Median .....</b>	<b>71</b>	<b>80</b>	<b>74</b>	<b>68</b>	<b>73</b>	<b>65</b>	<b>64</b>	<b>61</b>	<b>63</b>	<b>72</b>
Included in rent, other fee, or obtained free .....	22.4	3.4	3.9	14.7	6.3	2.3	1.2	1.4	3.5	.4
<b>Monthly Cost Paid for Piped Gas</b>										
Piped gas used .....	92.8	32.3	19.4	40.4	27.5	6.0	2.8	2.4	1.8	.7
Less than \$25 .....	20.0	5.8	3.7	9.8	6.6	1.6	1.0	.2	.4	.7
\$25 to \$49 .....	25.8	13.0	4.7	8.1	6.1	1.1	.5	.2	.2	—
\$50 to \$74 .....	7.6	3.6	1.7	2.3	2.0	.3	—	—	—	—
\$75 to \$99 .....	1.3	1.0	—	.3	.3	—	—	—	—	—
\$100 to \$149 .....	1.9	1.0	.9	—	—	—	—	—	—	—
\$150 to \$199 .....	1.3	.3	.5	.5	.5	—	—	—	—	—
\$200 or more .....	.5	.3	.2	.2	.2	—	—	—	—	—
<b>Median .....</b>	<b>34</b>	<b>38</b>	<b>36</b>	<b>27</b>	<b>30</b>	<b>25</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>
Included in rent, other fee, or obtained free .....	34.3	7.2	8.0	19.1	11.8	2.9	1.3	2.0	1.2	—

<sup>1</sup>Native Hawaiian and other Pacific Islander.

<sup>2</sup>Because Hispanics may be of any race, data can overlap slightly with other groups. Most Hispanics report themselves as White, but some report themselves as Black or in other categories.

<sup>3</sup>For manufactured/mobile homes, oldest category is 1939 or earlier.

<sup>4</sup>Figures may not add to total because more than one category may apply to a unit.

<sup>5</sup>Beginning with 1989, this item uses current income in its calculation, see Appendix A.

<sup>6</sup>May reflect a temporary situation, living off savings, or response error.

**Table 5-1. Introductory Characteristics—Occupied Units With Black Alone Householder**

[Numbers in thousands. Consistent with Census 2000. ... 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 <sup>1</sup>		
		Owner	Renter	New construction 4 years	Manufactured/mobile homes	Physical problems		Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three
						Severe	Moderate						
<b>Total</b> .....	<b>172.7</b>	<b>84.3</b>	<b>88.4</b>	<b>3.7</b>	<b>4.1</b>	<b>6.5</b>	<b>21.9</b>	<b>30.3</b>	<b>26.0</b>	<b>50.7</b>	<b>111.3</b>	<b>38.3</b>	<b>6.9</b>
<b>Tenure</b>													
Owner occupied .....	84.3	84.3	...	3.0	2.8	2.1	7.2	22.0	4.4	17.2	52.0	16.0	4.2
Percent of all occupied .....	48.8	100.0	...	82.4	68.3	32.7	33.0	72.7	17.1	34.0	46.7	41.9	60.7
Renter occupied .....	88.4	...	88.4	.6	1.3	4.4	14.7	8.3	21.5	33.5	59.3	22.2	2.7
<b>Race and Origin</b>													
White alone .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Non-Hispanic .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Hispanic .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Black alone .....	172.7	84.3	88.4	3.7	4.1	6.5	21.9	30.3	26.0	50.7	111.3	38.3	6.9
Non-Hispanic .....	169.6	83.2	86.5	3.7	4.1	6.4	21.5	29.6	25.5	50.0	109.5	37.4	6.7
Hispanic .....	3.0	1.1	1.9	—	—	.1	.3	.6	.4	.8	1.8	.9	.2
American Indian or Alaska Native alone .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Asian alone .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Pacific Islander alone <sup>2</sup> .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Two or more races .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Hispanic or Latino (of any race) <sup>3</sup> .....	3.0	1.1	1.9	—	—	.1	.3	.6	.4	.8	1.8	.9	.2
<b>Units in Structure</b>													
1, detached .....	93.9	74.3	19.6	2.7	...	2.2	9.4	21.2	7.9	22.7	58.7	18.6	5.1
1, attached .....	24.5	5.1	19.4	.3	...	1.3	4.6	3.5	6.0	9.8	22.0	2.3	.2
2 to 4 .....	26.0	1.7	24.3	.3	...	1.1	4.7	2.0	5.5	9.3	16.0	8.5	.2
5 to 9 .....	9.0	.3	8.7	—	...	.8	2.1	.5	2.7	3.5	5.0	3.4	—
10 to 19 .....	6.2	—	6.2	—	...	.5	.3	.3	1.5	1.8	2.5	3.5	.2
20 to 49 .....	3.6	—	3.6	—	...	.2	.5	.7	.4	.9	2.5	.9	.2
50 or more .....	5.3	—	5.3	—	...	.1	.2	.9	1.4	1.4	4.4	.7	.2
Manufactured/mobile home or trailer .....	4.1	2.8	1.3	.3	...	.3	—	1.1	.5	1.3	.2	.3	.9
<b>Cooperatives and Condominiums</b>													
Cooperatives .....	—	—	—	—	—	—	—	—	—	—	—	—	—
Condominiums .....	2.4	.3	2.1	—	—	—	.2	.1	.5	.8	1.8	.7	—
<b>Year Structure Built<sup>4</sup></b>													
2000 to 2004 .....	5.1	3.9	1.1	3.7	.3	.2	.2	.2	1.5	.8	2.3	1.2	.3
1995 to 1999 .....	4.2	2.6	1.6	...	.2	.1	—	.5	.3	1.1	2.6	.3	.7
1990 to 1994 .....	3.8	2.8	1.0	...	.3	—	.2	.3	.3	.3	1.6	1.3	.3
1985 to 1989 .....	9.2	6.1	3.1	...	1.6	.2	.3	1.5	1.2	2.2	4.7	1.5	.9
1980 to 1984 .....	11.3	6.8	4.5	...	1.0	1.0	.3	2.5	1.4	2.5	4.5	2.8	.9
1975 to 1979 .....	18.4	8.1	10.3	...	—	.7	1.1	.4	2.7	3.7	8.2	7.9	.7
1970 to 1974 .....	24.3	10.3	14.1	...	.7	.1	2.0	3.7	4.0	7.7	11.9	9.2	1.1
1960 to 1969 .....	26.4	11.3	15.0	...	—	1.1	1.9	3.9	3.7	9.2	13.8	9.1	1.1
1950 to 1959 .....	19.8	10.2	9.6	...	—	.9	4.9	5.3	3.1	6.2	14.9	3.5	.4
1940 to 1949 .....	22.3	10.0	12.3	...	—	.6	5.1	4.7	4.0	8.1	20.4	1.1	—
1930 to 1939 .....	12.2	4.5	7.7	...	—	.7	2.7	2.9	2.1	4.7	11.8	—	.2
1920 to 1929 .....	5.9	2.6	3.3	...	—	.3	2.0	1.4	1.0	2.0	5.5	.1	.2
1919 or earlier .....	9.8	4.9	4.9	...	—	.5	1.3	3.0	.6	2.2	9.3	.1	.2
<b>Median</b> .....	<b>1966</b>	<b>1969</b>	<b>1964</b>	...	<b>1986</b>	<b>1961</b>	<b>1950</b>	<b>1956</b>	<b>1966</b>	<b>1962</b>	<b>1956</b>	<b>1973</b>	<b>1978</b>

<sup>1</sup>See back cover for details.

<sup>2</sup>Native Hawaiian and other Pacific Islander.

<sup>3</sup>Because Hispanics may be of any race, data can overlap slightly with other groups. Most Hispanics report themselves as White, but some report themselves as Black or in other categories.

<sup>4</sup>For manufactured/mobile homes, oldest category is 1939 or earlier.

### Table 5-2. Height and Condition of Building—Occupied Units With Black Alone Householder

[Numbers in thousands. Consistent with Census 2000. ... 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 <sup>1</sup>		
		Owner	Renter	New construction 4 years	Manufactured/mobile homes	Physical problems		Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three
						Severe	Moderate						
<b>Total</b>	<b>172.7</b>	<b>84.3</b>	<b>88.4</b>	<b>3.7</b>	<b>4.1</b>	<b>6.5</b>	<b>21.9</b>	<b>30.3</b>	<b>26.0</b>	<b>50.7</b>	<b>111.3</b>	<b>38.3</b>	<b>6.9</b>
<b>Stories in Structure<sup>2</sup></b>													
1	107.2	65.1	42.1	2.6	...	3.4	15.1	22.6	12.6	31.7	71.6	19.9	4.7
2	49.1	15.3	33.8	.7	...	1.3	5.3	5.2	9.4	14.0	31.1	14.2	1.3
3	9.6	1.0	8.6	—	...	.8	1.3	.5	2.4	2.4	6.1	3.5	—
4 to 6	1.4	—	1.4	—	...	.3	.2	.3	.8	.8	1.2	.2	—
7 or more	1.2	—	1.2	—	...	.3	—	.6	.3	.6	1.1	.2	—
<b>Stories Between Main and Apartment Entrances</b>													
Multiunits, 2 or more floors	37.5	.6	36.9	—	...	2.0	5.1	3.0	9.6	12.0	21.0	14.5	.6
None (on same floor)	13.8	.3	13.5	—	...	.5	2.4	1.0	3.7	4.4	5.5	7.4	.2
1 (up or down)	11.8	.1	11.6	—	...	.8	1.5	1.0	2.4	3.8	7.7	3.5	.2
2 or more (up or down)	11.9	.2	11.8	—	...	.8	1.2	1.1	3.5	3.8	7.9	3.7	.2
<b>Common Stairways</b>													
Multiunits, 2 or more floors	37.5	.6	36.9	—	...	2.0	5.1	3.0	9.6	12.0	21.0	14.5	.6
No common stairways	7.3	.3	7.0	—	...	—	1.1	.5	1.7	3.1	2.5	4.0	—
With common stairways	29.0	.1	28.9	—	...	1.9	4.0	2.5	7.9	9.0	18.0	9.8	.6
No loose steps	22.9	—	22.9	—	...	1.2	3.0	2.1	6.9	7.1	13.6	8.3	.6
Railings not loose	15.8	—	15.8	—	...	.9	1.3	1.6	5.2	5.2	9.2	5.9	.4
Railings loose	5.6	—	5.6	—	...	.2	1.0	.3	1.4	1.8	2.9	2.3	.2
No railings	1.6	—	1.6	—	...	.2	.7	.2	.3	.2	1.4	.1	—
Status of railings not reported	—	—	—	—	...	—	—	—	—	—	—	—	—
Loose steps	6.1	.1	5.9	—	...	.6	1.0	.5	.9	1.8	4.4	1.5	—
Railings not loose	4.4	.1	4.3	—	...	.2	.5	.5	.8	1.3	3.1	1.1	—
Railings loose	1.2	—	1.2	—	...	.3	.2	—	.2	.3	.9	.3	—
No railings	.5	—	.5	—	...	.2	.3	—	—	.2	.5	—	—
Status of railings not reported	—	—	—	—	...	—	—	—	—	—	—	—	—
Status of stairways not reported	1.2	.2	1.0	—	...	.2	—	—	—	—	.5	.7	—
<b>Light Fixtures in Public Halls</b>													
2 or more units in structure	50.1	2.0	48.1	.3	...	2.7	7.8	4.5	11.5	16.9	30.5	17.0	.7
No public halls	16.8	1.6	15.2	.3	...	.6	3.6	1.8	3.1	5.9	9.7	5.7	.4
No light fixtures in public halls	1.9	.2	1.8	—	...	.2	.3	—	.5	.8	1.4	.5	—
All in working order	22.3	.1	22.2	—	...	1.1	1.8	2.2	6.5	7.4	13.7	7.5	.4
Some in working order	1.8	—	1.8	—	...	—	.5	—	.3	.8	1.4	.5	—
None in working order	4.9	—	4.9	—	...	.6	1.1	.3	.8	1.7	2.7	2.0	—
Not reported	2.5	.2	2.3	—	...	.2	.5	.2	.2	.3	1.6	.9	—
<b>Elevator on Floor</b>													
Multiunits, 2 or more floors	37.5	.6	36.9	—	...	2.0	5.1	3.0	9.6	12.0	21.0	14.5	.6
With 1 or more elevators working	1.5	—	1.5	—	...	—	.2	.7	.6	.9	1.5	—	—
With elevator, none in working condition	—	—	—	—	...	—	—	—	—	—	—	—	—
No elevator	36.0	.6	35.4	—	...	2.0	4.9	2.3	9.0	11.1	19.5	14.5	.6
Units 3 or more floors from main entrance	2.5	—	2.5	—	...	.5	.2	—	.9	.8	1.5	1.0	—
<b>Foundation</b>													
1-unit building, excluding manufactured/mobile homes	118.4	79.4	39.0	3.0	...	3.5	14.0	24.7	14.0	32.5	80.7	21.0	5.3
With basement under all of building	2.0	1.0	1.0	—	...	—	.2	.1	.1	.2	2.0	—	—
With basement under part of building	—	—	—	—	...	—	—	—	—	—	—	—	—
With crawl space	40.2	23.8	16.4	.2	...	1.0	10.1	11.1	5.4	13.3	35.2	1.5	.9
On concrete slab	68.3	49.5	18.8	2.8	...	1.8	2.5	11.0	8.0	16.5	37.6	19.0	3.2
Other	8.0	5.1	2.9	—	...	.7	1.3	2.4	.5	2.6	5.9	.4	1.2
<b>External Building Conditions<sup>3</sup></b>													
Sagging roof	9.7	4.2	5.5	—	.7	2.5	3.2	1.8	1.1	4.6	5.4	2.5	.5
Missing roofing material	14.5	7.3	7.2	—	1.1	2.0	4.7	2.8	1.8	7.1	8.5	3.7	.2
Hole in roof	13.6	6.6	7.0	—	1.1	2.5	4.0	3.0	1.7	6.3	7.9	2.7	1.0
Missing bricks, siding, other outside wall material	14.6	6.3	8.3	—	.7	2.2	4.2	2.3	1.3	4.8	8.7	2.9	.9
Sloping outside walls	10.3	4.3	5.9	—	.7	1.7	3.2	1.7	1.3	3.6	6.3	1.5	.7
Boarded up windows	7.3	3.4	3.9	—	—	.7	2.6	.7	1.1	3.8	5.4	.9	.3
Broken windows	12.2	5.4	6.9	.3	—	.8	4.2	1.7	1.6	5.1	8.1	2.1	.7
Bars on windows	46.5	24.4	22.1	—	.3	1.3	8.0	10.5	5.5	15.7	41.9	2.9	.3
Foundation crumbling or has open crack or hole	10.3	4.5	5.8	.2	.3	2.2	3.3	1.4	1.6	4.6	7.2	1.9	.3
None of the above	96.2	48.3	47.9	3.2	2.3	2.0	7.1	14.2	16.1	24.7	53.3	28.7	3.4
Not reported	2.0	.8	1.2	.2	—	—	.2	.2	—	.1	1.5	.3	.2
<b>Site Placement</b>													
Manufactured/mobile homes	4.1	2.8	1.3	.3	4.1	.3	—	1.1	.5	1.3	.2	.3	.9
First site	2.8	2.0	.8	—	2.8	.3	—	1.1	.3	1.1	—	.3	.8
Moved from another site	.8	.3	.5	—	.8	—	—	—	.2	—	.2	—	—
Don't know	.5	.5	—	.3	.5	—	—	—	—	.2	—	—	.2
Not reported	—	—	—	—	—	—	—	—	—	—	—	—	—
<b>Previous Occupancy</b>													
Unit built 1990 or later	13.1	9.3	3.7	3.7	.8	.3	.3	.9	2.1	2.2	6.6	2.8	1.4
Not previously occupied	5.0	4.6	.3	2.5	.3	.2	—	.2	.7	.2	1.8	1.2	.7
Not reported	1.1	1.0	.2	.5	—	—	—	—	—	.2	.5	.5	—

<sup>1</sup>See back cover for details.

<sup>2</sup>Figures exclude manufactured/mobile homes.

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







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

[Numbers in thousands. **Consistent with Census 2000.** ... 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 <sup>1</sup>		
		Owner	Renter	New construction 4 years	Manu- factured/ mobile homes	Physical problems		Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three
						Severe	Moderate						
<b>Primary Source of Water</b>													
Public system or private company .....	171.0	83.0	88.0	3.7	3.5	6.3	21.3	29.3	26.0	49.8	111.3	38.3	5.2
Well serving 1 to 5 units .....	1.7	1.3	.4	—	.6	.2	.5	.9	—	1.0	—	—	1.7
Drilled .....	1.7	1.3	.4	—	.6	.2	.5	.9	—	1.0	—	—	1.7
Dug .....	—	—	—	—	—	—	—	—	—	—	—	—	—
Not reported .....	—	—	—	—	—	—	—	—	—	—	—	—	—
Other .....	—	—	—	—	—	—	—	—	—	—	—	—	—
<b>Safety of Primary Source of Water</b>													
Selected primary water sources <sup>3</sup> .....	172.7	84.3	88.4	3.7	4.1	6.5	21.9	30.3	26.0	50.7	111.3	38.3	6.9
Safe to drink .....	139.8	66.0	73.8	2.7	3.3	4.2	17.1	25.7	21.4	41.6	91.2	32.8	6.1
Not safe to drink .....	29.8	17.4	12.3	.8	.8	2.2	4.1	4.3	4.1	8.6	18.3	4.3	.9
Safety not reported .....	3.1	.8	2.3	.2	—	—	.6	.3	.5	.5	1.8	1.2	—
<b>Source of Drinking Water</b>													
Primary source not safe to drink .....	29.8	17.4	12.3	.8	.8	2.2	4.1	4.3	4.1	8.6	18.3	4.3	.9
Drinking and primary water source the same .....	2.4	1.4	.9	.2	.3	.3	.5	.6	—	.9	1.9	.1	—
Public or private system .....	2.4	1.4	.9	.2	.3	.3	.5	.6	—	.9	1.9	.1	—
Individual well .....	—	—	—	—	—	—	—	—	—	—	—	—	—
Spring .....	—	—	—	—	—	—	—	—	—	—	—	—	—
Cistern .....	—	—	—	—	—	—	—	—	—	—	—	—	—
Stream or lake .....	—	—	—	—	—	—	—	—	—	—	—	—	—
Other .....	—	—	—	—	—	—	—	—	—	—	—	—	—
Drinking and primary water source different .....	27.4	16.0	11.4	.6	.5	1.9	3.6	3.6	4.1	7.7	16.4	4.2	.9
Public or private system .....	—	—	—	—	—	—	—	—	—	—	—	—	—
Individual well .....	—	—	—	—	—	—	—	—	—	—	—	—	—
Spring .....	2.5	1.9	.5	—	.2	.2	—	.5	.3	.3	1.8	.6	—
Cistern .....	—	—	—	—	—	—	—	—	—	—	—	—	—
Stream or lake .....	—	—	—	—	—	—	—	—	—	—	—	—	—
Commercial bottled water .....	23.7	13.4	10.2	.6	.3	1.6	3.3	3.1	3.3	7.2	13.6	3.4	.9
Other .....	1.3	.6	.6	—	—	.2	.3	—	.5	.2	1.0	.1	—
Source of drinking water not reported .....	—	—	—	—	—	—	—	—	—	—	—	—	—
<b>Means of Sewage Disposal</b>													
Public sewer .....	170.3	82.5	87.8	3.5	3.4	6.3	21.2	29.3	25.8	49.4	111.3	38.3	4.7
Septic tank, cesspool, chemical toilet .....	2.2	1.6	.6	.2	.8	—	.7	.8	.2	1.1	—	—	2.0
Other .....	.2	.2	—	—	—	.2	—	.2	—	.2	—	—	.2

<sup>1</sup>See back cover for details.

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

<sup>3</sup>Excludes units where primary source of water is commercial bottled water.











**Table 5-8. Neighborhood—Occupied Units With Black Alone Householder—Con.**

[Numbers in thousands. Consistent with Census 2000. ... 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 <sup>1</sup>		
		Owner	Renter	New construction 4 years	Manufactured/mobile homes	Physical problems		Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three
						Severe	Moderate						
<b>Bars on Windows of Buildings Within 300 Feet</b>													
No bars on windows .....	94.6	46.3	48.3	2.6	3.3	4.3	7.3	15.9	14.4	27.1	46.1	29.7	6.0
1 building with bars .....	3.4	1.9	1.5	—	.6	.2	.3	.6	.8	1.4	1.9	.5	.2
2 or more buildings with bars .....	59.5	29.6	29.9	.3	—	1.7	12.1	11.4	9.1	17.2	51.9	5.2	.2
No buildings .....	4.7	2.2	2.5	.2	—	—	.6	.6	.6	2.4	3.9	.9	—
Not reported .....	10.5	4.3	6.2	.5	.3	.3	1.6	1.7	1.1	2.6	7.6	2.1	.5
<b>Condition of Streets Within 300 Feet</b>													
No repairs needed .....	62.5	35.0	27.4	1.4	2.2	.5	6.2	12.4	8.7	17.3	31.6	20.3	3.5
Minor repairs needed .....	64.9	32.0	32.9	1.4	1.4	3.3	8.2	11.3	10.3	18.2	42.7	12.7	2.3
Major repairs needed .....	42.2	15.8	26.4	.5	.5	2.7	7.1	5.8	6.6	14.3	35.1	4.4	.9
No streets .....	.3	.3	—	.2	—	—	—	.1	—	—	—	.2	—
Not reported .....	2.8	1.1	1.7	.2	—	—	.3	.7	.3	1.0	2.0	.6	.2
<b>Trash, Litter, or Junk on Streets or Any Properties Within 300 Feet</b>													
None .....	128.5	67.6	60.9	3.0	2.9	3.9	14.3	22.9	19.7	36.1	79.7	30.5	6.0
Minor accumulation .....	23.7	8.2	15.5	.2	.9	.9	4.7	3.4	3.9	7.1	17.2	4.2	.2
Major accumulation .....	18.4	7.5	10.9	.3	.3	1.5	2.7	3.3	2.4	7.0	12.6	3.5	.5
Not reported .....	2.1	.9	1.2	.2	—	.2	.2	.7	—	.5	1.8	.1	.2
<b>Parking Lots<sup>2</sup></b>													
With parking lots .....	32.3	5.2	27.1	.2	.9	2.1	4.3	3.4	7.5	11.7	18.3	11.5	.5
Residents only .....	20.4	1.1	19.3	—	.5	1.6	2.4	1.8	5.6	6.9	9.7	9.9	.2
Shoppers or workers only .....	8.8	2.5	6.3	—	.4	.5	.8	1.0	1.6	2.8	4.9	2.5	.2
Anyone .....	8.6	1.3	7.3	.2	—	1.2	1.2	.5	2.1	3.2	5.2	2.9	.2
Kind not reported .....	1.0	.8	.2	—	—	.1	.4	.5	.2	.3	.9	.1	—
No parking lots within 300 Feet .....	138.1	78.2	60.0	3.3	3.2	4.4	17.4	26.4	18.4	38.8	91.3	26.4	6.2
Parking lot not reported .....	2.3	.9	1.3	.2	—	—	.2	.5	—	.3	1.7	.3	.2
<b>Manufactured/Mobile Homes in Group</b>													
Manufactured/mobile homes .....	4.1	2.8	1.3	.3	4.1	.3	—	1.1	.5	1.3	.2	.3	.9
1 to 6 .....	3.1	2.2	.9	.3	3.1	—	—	1.1	.5	.9	.2	—	.9
7 to 20 .....	1.0	.6	.4	—	1.0	.3	—	—	—	.4	—	.3	—
21 or more .....	—	—	—	—	—	—	—	—	—	—	—	—	—

<sup>1</sup>See back cover for details.

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

<sup>3</sup>Limited to single attached and multiunits.







**Table 5-10. Previous Unit of Recent Movers—Occupied Units With Black Alone Householder**

[Numbers in thousands. Consistent with Census 2000. ... 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 <sup>1</sup>		
		Owner	Renter	New construction 4 years	Manufactured/mobile homes	Physical problems		Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three
						Severe	Moderate						
<b>HOUSEHOLDER MOVED DURING PAST YEAR FROM WITHIN THE UNITED STATES</b>													
<b>Total</b> .....	<b>25.7</b>	<b>4.4</b>	<b>21.2</b>	<b>1.1</b>	<b>.5</b>	<b>.9</b>	<b>3.3</b>	<b>1.4</b>	<b>25.7</b>	<b>9.7</b>	<b>14.7</b>	<b>7.7</b>	<b>.5</b>
<b>Structure Type of Previous Residence</b>													
Moved from within the United States ....	25.7	4.4	21.2	1.1	.5	.9	3.3	1.4	25.7	9.7	14.7	7.7	.5
House .....	11.9	2.1	9.9	.3	.3	.5	2.4	1.1	11.9	4.2	7.5	3.0	.2
Apartment .....	11.5	1.6	9.8	—	—	—	.5	.2	11.5	4.5	6.4	3.6	.2
Manufactured/mobile home .....	.3	—	.3	—	.2	—	—	—	.3	—	.2	—	—
Other .....	.5	.3	.2	—	—	—	—	—	.5	.3	.2	.3	—
Not reported .....	1.5	.5	1.0	—	—	—	.1	.1	1.5	.7	.5	.8	.2
<b>Tenure of Previous Residence</b>													
House, apartment, manufactured/mobile home in the United States .....	23.7	3.7	20.0	1.1	.5	.9	3.2	1.2	23.7	8.7	14.1	6.6	.3
Owner occupied .....	3.4	1.0	2.4	—	.3	—	.8	.5	3.4	.5	1.1	1.2	.2
Renter occupied .....	20.3	2.7	17.6	1.1	.2	.9	2.4	.7	20.3	8.3	13.0	5.4	.2
<b>Persons — Previous Residence</b>													
House, apartment, manufactured/mobile home in the United States .....	23.7	3.7	20.0	1.1	.5	.9	3.2	1.2	23.7	8.7	14.1	6.6	.3
1 person .....	4.0	.3	3.7	.3	—	.2	.3	.8	4.0	1.4	2.6	1.3	—
2 persons .....	3.9	1.3	2.6	.2	.3	—	.3	.3	3.9	1.0	2.5	.5	—
3 persons .....	4.8	.6	4.2	.2	—	.5	.9	—	4.8	1.3	2.3	2.3	—
4 persons .....	4.1	.5	3.7	.2	—	—	.5	.2	4.1	2.2	2.2	1.3	—
5 persons .....	3.4	.7	2.8	.3	—	.2	.6	—	3.4	1.8	2.1	.8	.3
6 persons .....	.6	—	.6	—	—	—	—	—	.6	.3	.3	—	—
7 persons or more .....	1.1	.1	1.0	—	—	.2	.3	—	1.1	.3	1.1	—	—
Not reported .....	1.6	.2	1.5	—	.2	—	.2	—	1.6	.3	1.0	.5	—
<b>Previous Home Owned or Rented by Someone Who Moved Here</b>													
House, apartment, manufactured/mobile home in the United States .....	23.7	3.7	20.0	1.1	.5	.9	3.2	1.2	23.7	8.7	14.1	6.6	.3
Owned or rented by a mover .....	18.0	3.2	14.8	1.1	.3	.9	2.1	1.2	18.0	6.5	10.7	5.0	.2
Owned or rented by other .....	5.1	.5	4.6	—	.2	—	.9	—	5.1	2.1	2.9	1.4	.2
By a relative .....	3.6	.2	3.5	—	—	—	.6	—	3.6	1.3	1.8	1.1	.2
By a nonrelative .....	1.4	.3	1.1	—	.2	—	.3	—	1.4	.8	1.2	.3	—
Not reported .....	—	—	—	—	—	—	—	—	—	—	—	—	—
Not reported .....	.6	—	.6	—	—	—	.2	—	.6	.2	.5	.2	—
<b>Change in Housing Costs</b>													
House, apartment, manufactured/mobile home in the United States .....	23.7	3.7	20.0	1.1	.5	.9	3.2	1.2	23.7	8.7	14.1	6.6	.3
Increased with move .....	11.4	2.9	8.5	.8	.5	.3	1.1	.6	11.4	3.7	6.9	2.6	.2
Decreased .....	5.2	.1	5.1	.2	—	.3	.9	.3	5.2	1.9	3.0	1.9	.2
Stayed about the same .....	6.1	.6	5.5	.2	—	.3	1.0	.3	6.1	2.8	3.9	1.6	—
Don't know .....	.8	—	.8	—	—	—	—	—	.8	.2	.2	.5	—
Not reported .....	.2	—	.2	—	—	—	.2	—	.2	.2	.2	—	—

<sup>1</sup>See back cover for details.



**Table 5-11. Reasons for Move and Choice of Current Residence—Occupied Units With Black Alone Householder—Con.**

[Numbers in thousands. Consistent with Census 2000. ... 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 <sup>1</sup>		
		Owner	Renter	New construction 4 years	Manufactured/mobile homes	Physical problems		Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three
						Severe	Moderate						
<b>RESPONDENT MOVED DURING PAST YEAR—Con.</b>													
<b>Main Reason for Choice of Present Home</b>													
All reported reasons equal .....	.5	.2	.4	–	–	–	–	–	.5	–	.2	.2	–
Financial reasons .....	7.5	.7	6.8	.3	–	.5	1.1	.3	7.2	3.6	4.8	2.4	–
Room layout/design .....	3.8	.9	2.9	.3	–	–	–	.3	3.8	1.2	2.6	.7	–
Kitchen .....	.2	–	.2	–	–	–	–	.2	.2	.2	.2	–	–
Size .....	6.3	.6	5.7	.2	–	.2	1.1	–	6.2	3.0	4.4	1.3	.2
Exterior appearance .....	1.3	.1	1.1	–	–	.2	–	–	1.3	.2	.7	.6	–
Yard/trees/view .....	.2	.2	–	–	–	–	–	–	.2	–	.2	–	–
Quality of construction .....	.6	.3	.3	.2	–	.2	–	–	.5	–	.5	.2	–
Only one available .....	.9	.2	.8	–	–	–	.3	.2	.9	.2	.3	.2	.2
Other .....	4.2	1.0	3.2	.2	.5	.5	.3	.3	3.9	1.3	1.8	1.3	.2
Not reported .....	1.5	.8	.7	–	–	–	.1	.1	1.3	.5	.5	1.0	–
<b>Home Search</b>													
Now in house .....	14.6	4.3	10.4	1.0	...	.5	2.4	.5	13.8	5.9	9.9	3.0	.3
Did not look at apartments .....	8.5	3.0	5.5	1.0	...	.2	1.2	.2	8.0	2.9	5.5	1.7	.3
Looked at apartments too .....	5.0	.5	4.6	–	...	.3	1.0	.2	4.9	2.5	3.9	.6	–
Search not reported .....	1.1	.8	.3	–	...	–	.1	.1	1.0	.5	.5	.6	–
Now in manufactured/mobile home .....	.5	.3	.2	–	.5	–	–	.3	.5	–	.2	–	–
Did not look at apartments .....	.5	.3	.2	–	.5	–	–	.3	.5	–	.2	–	–
Looked at apartments too .....	–	–	–	–	–	–	–	–	–	–	–	–	–
Search not reported .....	–	–	–	–	–	–	–	–	–	–	–	–	–
Now in apartment .....	11.8	.3	11.5	.2	...	.5	.9	.6	11.5	4.1	6.0	4.8	.2
Did not look at houses .....	6.3	.2	6.1	.2	...	.5	.2	.6	6.1	2.5	2.9	2.8	–
Looked at houses too .....	5.0	.1	4.8	–	...	–	.8	–	4.8	1.4	3.1	1.6	–
Search not reported .....	.5	–	.5	–	...	–	–	–	.5	.2	–	.3	.2
<b>Recent Mover Comparison to Previous Home</b>													
Better home .....	14.5	3.4	11.1	1.0	–	.3	1.4	.6	13.8	4.9	9.3	3.4	.2
Worse home .....	4.4	.3	4.1	.2	.3	.5	.8	.7	4.3	2.2	2.5	1.0	–
About the same .....	6.4	.4	6.0	–	.2	.2	.9	–	6.2	2.2	3.8	2.3	.2
Not reported .....	1.6	.8	.9	–	–	–	.1	.1	1.5	.7	.5	1.0	.2
<b>Recent Mover Comparison to Previous Neighborhood</b>													
Better neighborhood .....	11.0	2.9	8.2	1.0	–	.3	1.1	.4	10.4	3.9	7.2	2.9	.2
Worse neighborhood .....	4.2	.5	3.7	.2	.3	.3	.8	.5	4.2	1.9	2.0	1.2	–
About the same .....	8.7	.4	8.3	–	.2	.3	.9	.3	8.4	3.1	5.2	2.7	–
Same neighborhood .....	1.3	.3	1.0	–	–	–	.3	–	1.3	.5	1.1	–	.2
Not reported .....	1.6	.8	.9	–	–	–	.1	.1	1.5	.7	.5	1.0	.2

<sup>1</sup>See back cover for details.

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









Table 5-13. **Selected Housing Costs—Occupied Units With Black Alone Householder—Con.**

[Numbers in thousands. Consistent with Census 2000. ... 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 <sup>1</sup>				
		Owner	Renter	New construction 4 years	Manufactured/mobile homes	Physical problems		Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three		
						Severe	Moderate								
<b>OWNER OCCUPIED UNITS—Con.</b>															
<b>Government Subsidy for Repairs</b>															
Units with major repairs in the last 2 years .....	46.1	46.1	...	1.2	1.3	.9	3.8	12.4	2.0	8.8	30.0	6.7	2.8		
Received low-interest loan or grant .....	2.1	2.1	...	.2	.3	—	.5	—	.2	.2	1.8	—	—		
No low-interest loan or grant .....	43.3	43.3	...	.8	1.0	.9	3.3	12.3	1.7	8.3	27.9	6.4	2.8		
Not reported .....	.8	.8	...	.2	—	—	—	.2	.2	.3	.3	.3	—		

<sup>1</sup>See back cover for details.

<sup>2</sup>Beginning with 1989, this item uses current income in its calculation, see Appendix A.

<sup>3</sup>May reflect a temporary situation, living off savings, or response error.



Table 5-14. **Value, Purchase Price, and Source of Down Payment—Owner Occupied Units With Black Alone Householder—Con.**

[Numbers in thousands. **Consistent with Census 2000.** ... 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 <sup>1</sup>		
		Owner	Renter	New construction 4 years	Manufactured/mobile homes	Physical problems		Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three
						Severe	Moderate						
<b>How Acquired</b>													
First occupant in single family unit built 1990 or later .....	4.3	4.3	...	1.9	–	.2	–	.2	.7	.2	1.7	1.1	.7
Already built .....	2.5	2.5	...	.8	–	–	–	.2	.5	.2	.8	1.0	.6
Sales agreement .....	.8	.8	...	.5	–	–	–	–	.2	–	.3	–	.1
Contractor .....	.8	.8	...	.3	–	–	–	–	–	–	.3	–	–
Built it yourself .....	.3	.3	...	.3	–	.2	–	–	–	–	.2	.1	–
Received as inheritance or gift .....	–	–	...	–	–	–	–	–	–	–	–	–	–
Not reported .....	–	–	...	–	–	–	–	–	–	–	–	–	–

<sup>1</sup>See back cover for details.







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

[Numbers in thousands. **Consistent with Census 2000.** ... 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 <sup>1</sup>		
		Owner	Renter	New construction 4 years	Manufactured/mobile homes	Physical problems		Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three
						Severe	Moderate						
<b>OWNERS WITH ONE OR MORE HOME-EQUITY LINE-OF-CREDIT MORTGAGES</b>													
Total .....	1.6	1.6	...	.2	—	—	—	—	.2	.3	1.3	.1	—
<b>Total Home-Equity Line-of-Credit Limit</b>													
Less than \$10,000 .....	—	—	...	—	—	—	—	—	—	—	—	—	—
\$10,000 to \$19,999 .....	.1	.1	...	—	—	—	—	—	—	.1	—	—	—
\$20,000 to \$29,999 .....	.1	.1	...	—	—	—	—	—	—	—	.1	—	—
\$30,000 to \$39,999 .....	.2	.2	...	—	—	—	—	—	—	—	.2	—	—
\$40,000 to \$49,999 .....	.6	.6	...	.2	—	—	—	—	—	—	.5	.1	—
\$50,000 to \$59,999 .....	—	—	...	—	—	—	—	—	—	—	—	—	—
\$60,000 to \$69,999 .....	—	—	...	—	—	—	—	—	—	—	—	—	—
\$70,000 to \$79,999 .....	—	—	...	—	—	—	—	—	—	—	—	—	—
\$80,000 to \$99,999 .....	.2	.2	...	—	—	—	—	—	.2	.2	.2	—	—
\$100,000 to \$119,999 .....	.2	.2	...	—	—	—	—	—	—	—	.2	—	—
\$120,000 to \$149,999 .....	—	—	...	—	—	—	—	—	—	—	—	—	—
\$150,000 or more .....	—	—	...	—	—	—	—	—	—	—	—	—	—
Not reported .....	.2	.2	...	—	—	—	—	—	—	—	.2	—	—
Median .....	...	...	...	...	...	...	...	...	...	...	...	...	...
<b>Total Outstanding Line-of-Credit Loans</b>													
Outstanding loan(s) .....	.7	.7	...	.2	—	—	—	—	.2	.2	.7	—	—
Less than \$10,000 .....	—	—	...	—	—	—	—	—	—	—	—	—	—
\$10,000 to \$19,999 .....	—	—	...	—	—	—	—	—	—	—	—	—	—
\$20,000 to \$29,999 .....	.3	.3	...	.2	—	—	—	—	—	—	.3	—	—
\$30,000 to \$39,999 .....	.2	.2	...	—	—	—	—	—	—	—	.2	—	—
\$40,000 to \$49,999 .....	.2	.2	...	—	—	—	—	—	.2	.2	.2	—	—
\$50,000 to \$59,999 .....	—	—	...	—	—	—	—	—	—	—	—	—	—
\$60,000 to \$69,999 .....	—	—	...	—	—	—	—	—	—	—	—	—	—
\$70,000 to \$79,999 .....	—	—	...	—	—	—	—	—	—	—	—	—	—
\$80,000 to \$99,999 .....	—	—	...	—	—	—	—	—	—	—	—	—	—
\$100,000 to \$119,999 .....	—	—	...	—	—	—	—	—	—	—	—	—	—
\$120,000 to \$149,999 .....	—	—	...	—	—	—	—	—	—	—	—	—	—
\$150,000 or more .....	—	—	...	—	—	—	—	—	—	—	—	—	—
Not reported .....	—	—	...	—	—	—	—	—	—	—	—	—	—
Median .....	...	...	...	...	...	...	...	...	...	...	...	...	...
<b>Current Line-of-Credit Interest Rate</b>													
Outstanding loan(s) .....	.7	.7	...	.2	—	—	—	—	.2	.2	.7	—	—
Less than 6 percent .....	.7	.7	...	.2	—	—	—	—	.2	.2	.7	—	—
6 to 7.9 percent .....	—	—	...	—	—	—	—	—	—	—	—	—	—
8 to 9.9 percent .....	—	—	...	—	—	—	—	—	—	—	—	—	—
10 to 11.9 percent .....	—	—	...	—	—	—	—	—	—	—	—	—	—
12 to 13.9 percent .....	—	—	...	—	—	—	—	—	—	—	—	—	—
14 to 15.9 percent .....	—	—	...	—	—	—	—	—	—	—	—	—	—
16 to 17.9 percent .....	—	—	...	—	—	—	—	—	—	—	—	—	—
18 to 19.9 percent .....	—	—	...	—	—	—	—	—	—	—	—	—	—
20 percent or more .....	—	—	...	—	—	—	—	—	—	—	—	—	—
Not reported .....	—	—	...	—	—	—	—	—	—	—	—	—	—
Median .....	...	...	...	...	...	...	...	...	...	...	...	...	...
<b>Line-of-Credit Monthly Payment</b>													
Outstanding loan(s) .....	.7	.7	...	.2	—	—	—	—	.2	.2	.7	—	—
Less than \$100 .....	—	—	...	—	—	—	—	—	—	—	—	—	—
\$100 to \$199 .....	—	—	...	—	—	—	—	—	—	—	—	—	—
\$200 to \$249 .....	—	—	...	—	—	—	—	—	—	—	—	—	—
\$250 to \$299 .....	—	—	...	—	—	—	—	—	—	—	—	—	—
\$300 to \$349 .....	.3	.3	...	.2	—	—	—	—	—	—	.3	—	—
\$350 to \$399 .....	—	—	...	—	—	—	—	—	—	—	—	—	—
\$400 to \$449 .....	.2	.2	...	—	—	—	—	—	.2	.2	.2	—	—
\$450 to \$499 .....	—	—	...	—	—	—	—	—	—	—	—	—	—
\$500 to \$599 .....	.2	.2	...	—	—	—	—	—	—	—	.2	—	—
\$600 to \$699 .....	—	—	...	—	—	—	—	—	—	—	—	—	—
\$700 to \$799 .....	—	—	...	—	—	—	—	—	—	—	—	—	—
\$800 to \$999 .....	—	—	...	—	—	—	—	—	—	—	—	—	—
\$1,000 or more .....	—	—	...	—	—	—	—	—	—	—	—	—	—
Not reported .....	—	—	...	—	—	—	—	—	—	—	—	—	—
Median .....	...	...	...	...	...	...	...	...	...	...	...	...	...
<b>Line-of-Credit Amount Used for Home Additions, Improvements, or Repairs</b>													
Outstanding loan(s) .....	.7	.7	...	.2	—	—	—	—	.2	.2	.7	—	—
Yes .....	.3	.3	...	.2	—	—	—	—	—	—	.3	—	—
No .....	.3	.3	...	—	—	—	—	—	.2	.2	.3	—	—
Not reported .....	—	—	...	—	—	—	—	—	—	—	—	—	—

<sup>1</sup>See back cover for details.

<sup>2</sup>Regular mortgages include all mortgages not classified as home equity or reverse.

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





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

[Numbers in thousands. **Consistent with Census 2000.** ... 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
<b>OWNER OCCUPIED UNITS</b>										
<b>Total</b> .....	<b>84.3</b>	<b>.2</b>	<b>7.7</b>	<b>47.5</b>	<b>28.9</b>	<b>.2</b>	<b>.8</b>	<b>15.2</b>	<b>47.5</b>	<b>20.6</b>
<b>Value</b>										
Less than \$10,000 .....	2.7	–	.5	2.0	.2	–	–	.7	1.8	.2
\$10,000 to \$19,999 .....	1.4	–	–	1.2	.2	–	.2	–	1.2	–
\$20,000 to \$29,999 .....	.9	–	.1	.5	.2	–	–	.3	.4	.2
\$30,000 to \$39,999 .....	1.1	–	.2	.6	.3	–	–	.2	.8	.2
\$40,000 to \$49,999 .....	1.7	–	.2	1.4	.1	–	–	.3	1.4	–
\$50,000 to \$59,999 .....	4.0	–	.2	2.6	1.2	–	–	.8	2.0	1.2
\$60,000 to \$69,999 .....	7.4	–	2.1	4.8	.5	–	–	3.4	3.5	.5
\$70,000 to \$79,999 .....	9.4	–	1.4	5.7	2.3	–	.1	2.4	4.8	2.0
\$80,000 to \$99,999 .....	15.1	–	1.6	8.2	5.3	–	.2	3.2	8.2	3.5
\$100,000 to \$119,999 .....	11.4	–	.3	7.5	3.6	–	–	1.3	8.0	2.2
\$120,000 to \$149,999 .....	11.4	–	.2	6.0	5.2	–	–	.6	7.8	3.0
\$150,000 to \$199,999 .....	10.3	.2	.5	4.8	4.9	.2	.3	.9	4.9	3.9
\$200,000 to \$249,999 .....	4.0	–	.1	1.5	2.4	–	–	.7	1.6	1.8
\$250,000 to \$299,999 .....	1.5	–	–	.3	1.2	–	–	–	.8	.7
\$300,000 or more .....	2.0	–	.3	.5	1.2	–	–	.3	.3	1.4
<b>Median</b> .....	<b>98 117</b>	<b>...</b>	<b>73 961</b>	<b>92 082</b>	<b>123 305</b>	<b>...</b>	<b>...</b>	<b>77 796</b>	<b>99 167</b>	<b>125 215</b>

<sup>1</sup>Does not include cooperatives or condominiums.

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

[Numbers in thousands. Consistent with Census 2000. .... means not applicable or sample too small. – means zero or rounds to zero]

Characteristics	Size of occupied detached 1-family homes and 1-family manufactured/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
<b>Total</b> .....	<b>98.0</b>	<b>2.0</b>	<b>10.4</b>	<b>22.2</b>	<b>19.2</b>	<b>10.8</b>	<b>13.2</b>	<b>20.3</b>	<b>1 612</b>
<b>Persons</b>									
1 person .....	25.7	.5	3.7	6.3	4.7	2.0	3.1	5.4	1 470
2 persons .....	25.9	.5	2.4	5.9	5.1	2.7	4.3	4.9	1 663
3 persons .....	18.6	.3	1.8	4.1	3.7	2.6	2.0	4.2	1 640
4 persons .....	14.5	.2	1.1	3.4	3.2	1.8	2.0	2.8	1 687
5 persons .....	8.5	.3	.8	1.7	1.6	1.0	1.0	2.0	1 616
6 persons .....	3.1	—	.6	.4	.7	.3	.3	.7	...
7 persons or more .....	1.8	.2	—	.3	.2	.3	.5	.3	...
<b>Rooms</b>									
1 room .....	—	—	—	—	—	—	—	—	...
2 rooms .....	—	—	—	—	—	—	—	—	...
3 rooms .....	1.7	.2	.8	.3	—	—	—	.5	...
4 rooms .....	10.5	—	3.1	1.9	.8	1.1	.8	2.8	1 193
5 rooms .....	28.7	.3	3.7	9.7	5.1	1.6	1.7	6.6	1 362
6 rooms .....	27.3	.2	2.2	7.8	5.6	1.8	3.0	6.8	1 507
7 rooms .....	17.3	.9	.4	2.3	4.7	3.4	3.0	2.6	1 902
8 rooms .....	8.4	.3	—	.1	2.0	2.0	3.1	.8	2 326
9 rooms .....	2.4	—	—	—	.3	.7	1.4	—	...
10 rooms or more .....	1.7	.2	.1	—	.7	.2	.3	.3	...
<b>Bedrooms</b>									
None .....	—	—	—	—	—	—	—	—	...
1 .....	2.7	.2	1.6	.3	—	—	—	.7	...
2 .....	18.4	.2	3.9	4.7	2.0	1.1	1.4	5.1	1 274
3 .....	54.5	1.0	3.5	14.9	12.3	5.1	5.9	11.9	1 581
4 or more .....	22.3	.7	1.4	2.3	4.8	4.5	5.9	2.7	2 071
<b>Complete Bathrooms</b>									
None .....	.5	—	.2	.2	—	—	—	.1	...
1 .....	31.8	.8	7.0	8.6	3.6	1.2	1.5	9.1	1 201
1 1/2 .....	10.0	.5	1.3	3.2	2.0	.3	1.2	1.4	1 389
2 or more .....	55.7	.7	1.9	10.1	13.5	9.3	10.5	9.6	1 882
<b>Lot Size<sup>1</sup></b>									
1-unit structures .....	97.8	2.0	10.4	22.2	19.2	10.6	13.2	20.3	1 609
Less than 1/8 acre .....	41.4	1.7	5.0	10.0	7.6	4.7	4.3	8.0	1 499
1/8 up to 1/4 acre .....	41.2	.3	4.9	8.2	8.6	4.7	5.9	8.6	1 669
1/4 up to 1/2 acre .....	8.9	—	—	2.3	1.6	.5	2.6	2.0	1 870
1/2 up to 1 acre .....	2.8	—	.2	.6	.5	.3	.5	.8	...
1 up to 5 acres .....	3.3	—	.4	1.1	.5	.4	—	.9	...
5 up to 10 acres .....	—	—	—	—	—	—	—	—	...
10 acres or more .....	—	—	—	—	—	—	—	—	...
<b>Median</b> .....	<b>.15</b>	<b>...</b>	<b>.14</b>	<b>.15</b>	<b>.16</b>	<b>.14</b>	<b>.18</b>	<b>.16</b>	<b>...</b>
<b>Income of Families and Primary Individuals</b>									
Less than \$5,000 .....	9.9	.3	2.0	1.8	1.5	.6	1.1	2.6	1 380
\$5,000 to \$9,999 .....	9.6	.3	1.8	3.0	1.0	.8	.5	2.2	1 265
\$10,000 to \$14,999 .....	9.2	.2	.9	2.7	.8	.4	1.0	3.2	1 357
\$15,000 to \$19,999 .....	7.0	.5	.8	1.6	1.1	.7	.8	1.4	1 453
\$20,000 to \$24,999 .....	6.7	.3	.7	1.9	1.2	.5	.2	2.0	1 353
\$25,000 to \$29,999 .....	7.4	.7	.7	1.3	1.4	.8	.6	2.6	1 658
\$30,000 to \$34,999 .....	9.3	—	1.1	2.5	2.1	1.3	1.1	1.3	1 594
\$35,000 to \$39,999 .....	5.1	.5	.5	1.5	1.2	.3	.6	1.0	1 525
\$40,000 to \$49,999 .....	9.0	—	1.0	1.8	2.1	.9	1.4	1.9	1 702
\$50,000 to \$59,999 .....	4.9	.2	.2	1.6	1.4	.3	.7	.6	1 585
\$60,000 to \$79,999 .....	9.4	—	.7	1.4	3.4	2.3	1.6	—	1 891
\$80,000 to \$99,999 .....	5.2	—	—	1.2	.8	1.1	1.3	.8	2 106
\$100,000 to \$119,999 .....	2.2	—	.3	—	.5	.1	1.2	.2	...
\$120,000 or more .....	3.1	.2	—	—	.8	.5	1.2	.5	...
<b>Median</b> .....	<b>29 509</b>	<b>...</b>	<b>18 701</b>	<b>25 346</b>	<b>37 242</b>	<b>38 977</b>	<b>45 596</b>	<b>21 845</b>	<b>...</b>
<b>Monthly Housing Costs</b>									
Less than \$100 .....	2.5	.2	.5	.5	.2	.2	—	1.0	...
\$100 to \$199 .....	14.8	.2	2.0	4.2	2.5	.8	1.2	3.9	1 389
\$200 to \$249 .....	8.8	.3	.1	2.4	2.3	.8	1.0	1.7	1 636
\$250 to \$299 .....	6.1	.2	1.0	.9	1.1	.9	.8	1.3	1 658
\$300 to \$349 .....	5.3	—	.2	1.3	.5	1.1	1.1	1.1	2 065
\$350 to \$399 .....	3.5	.9	.9	.8	.3	.2	.7	.6	...
\$400 to \$449 .....	4.6	—	1.3	.9	.7	.2	.5	1.1	1 264
\$450 to \$499 .....	4.3	.3	.5	1.2	1.2	.5	.5	.2	1 554
\$500 to \$599 .....	6.6	—	1.2	1.4	1.1	.3	1.3	1.2	1 529
\$600 to \$699 .....	8.7	.2	1.0	2.1	2.3	.9	.7	1.6	1 561
\$700 to \$799 .....	8.1	.3	.5	2.3	1.4	.8	.8	1.9	1 498
\$800 to \$999 .....	9.3	.3	.1	1.7	1.8	1.8	1.3	2.2	1 865
\$1,000 to \$1,249 .....	5.9	—	.1	1.3	1.9	.3	1.2	1.0	1 767
\$1,250 to \$1,499 .....	3.7	—	—	.3	.9	1.1	1.0	.3	...
\$1,500 or more .....	2.7	—	.3	—	.3	.8	1.0	.3	...
No cash rent .....	3.2	—	.7	.8	.6	.1	.2	.8	...
<b>Median (excludes no cash rent)</b> .....	<b>471</b>	<b>...</b>	<b>407</b>	<b>425</b>	<b>553</b>	<b>646</b>	<b>555</b>	<b>405</b>	<b>...</b>
<b>Median Monthly Housing Costs for Owners</b>									
Monthly costs including all mortgages plus maintenance costs .....	499	...	360	432	580	638	678	387	...
Monthly costs excluding second and subsequent mortgages and maintenance costs .....	413	...	299	331	510	556	533	306	...

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

[Numbers in thousands. **Consistent with Census 2000.** ... means not applicable or sample too small. – means zero or rounds to zero]

Characteristics	Size of occupied detached 1-family homes and 1-family manufactured/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
<b>OWNER OCCUPIED UNITS</b>									
<b>Total</b> .....	<b>77.1</b>	<b>1.7</b>	<b>6.9</b>	<b>16.6</b>	<b>16.7</b>	<b>9.2</b>	<b>12.1</b>	<b>14.1</b>	<b>1 691</b>
<b>Value</b>									
Less than \$10,000 .....	2.3	—	.8	1.0	—	—	—	.5	...
\$10,000 to \$19,999 .....	1.0	—	.6	.2	.2	—	—	—	...
\$20,000 to \$29,999 .....	.7	—	.2	.2	.2	—	.2	—	...
\$30,000 to \$39,999 .....	.9	—	.2	.6	.2	—	—	—	...
\$40,000 to \$49,999 .....	1.4	—	.2	.3	.1	—	—	.8	...
\$50,000 to \$59,999 .....	3.3	—	.8	.8	.5	.5	.2	.6	...
\$60,000 to \$69,999 .....	6.4	.3	.5	1.6	1.7	.3	.8	1.3	1 560
\$70,000 to \$79,999 .....	7.9	.5	1.1	1.9	1.2	.7	1.4	1.2	1 459
\$80,000 to \$99,999 .....	14.8	.2	.8	4.6	3.6	1.2	1.4	3.0	1 539
\$100,000 to \$119,999 .....	11.3	.5	.1	2.6	3.1	1.8	.9	2.2	1 704
\$120,000 to \$149,999 .....	10.8	.2	.5	1.7	2.5	2.2	1.7	2.0	1 916
\$150,000 to \$199,999 .....	9.3	—	.6	.6	3.1	1.2	2.4	1.3	1 941
\$200,000 to \$249,999 .....	3.7	—	.3	.4	.3	1.0	1.3	.5	...
\$250,000 to \$299,999 .....	1.5	—	—	—	—	.2	1.0	.3	...
\$300,000 or more .....	1.6	—	.2	—	.2	—	.8	.5	...
<b>Median</b> .....	<b>99 509</b>	<b>...</b>	<b>72 059</b>	<b>87 368</b>	<b>104 989</b>	<b>120 765</b>	<b>140 953</b>	<b>97 928</b>	<b>...</b>

<sup>1</sup>Does not include cooperatives or condominiums.

**Table 5-19. Detailed Tenure by Financial Characteristics – Occupied Units With Black Alone Householder**

[Numbers in thousands. Consistent with Census 2000. ... 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 <sup>1</sup>	
	Total	Specified <sup>2</sup>	Not specified		Total	Specified <sup>2</sup>	Not specified		Specified <sup>3</sup>	Other	Specified <sup>3</sup>	Other
			Condo or Co-op	Other			Condo or Co-op	Other				
<b>Total</b> .....	<b>41.5</b>	<b>39.0</b>	<b>.3</b>	<b>2.2</b>	<b>42.7</b>	<b>39.8</b>	<b>–</b>	<b>3.0</b>	<b>88.2</b>	<b>.2</b>	<b>67.5</b>	<b>.2</b>
<b>Income of Families and Primary Individuals</b>												
Less than \$5,000 .....	3.2	3.2	–	–	4.0	3.6	–	.3	14.7	.2	9.9	.2
\$5,000 to \$9,999 .....	1.5	1.5	–	–	5.5	4.8	–	.7	11.6	–	6.3	–
\$10,000 to \$14,999 .....	2.4	2.1	–	.3	4.7	4.0	–	.7	11.1	–	7.2	–
\$15,000 to \$19,999 .....	1.1	1.1	–	–	3.9	3.9	–	–	12.6	–	10.3	–
\$20,000 to \$24,999 .....	3.4	3.1	–	.3	2.1	2.1	–	–	9.7	–	8.1	–
\$25,000 to \$29,999 .....	2.5	2.1	–	.3	3.9	3.9	–	–	6.5	–	6.0	–
\$30,000 to \$34,999 .....	3.6	3.6	–	–	4.2	3.7	–	.5	7.0	–	6.2	–
\$35,000 to \$39,999 .....	2.7	2.5	–	.2	1.9	1.9	–	–	4.3	–	3.6	–
\$40,000 to \$49,999 .....	3.7	3.0	–	.7	4.3	3.7	–	.6	5.2	–	5.1	–
\$50,000 to \$59,999 .....	2.8	2.6	.1	–	1.9	1.9	–	–	2.3	–	1.8	–
\$60,000 to \$79,999 .....	6.8	6.2	.2	.5	3.3	3.1	–	.2	1.7	–	1.7	–
\$80,000 to \$99,999 .....	3.7	3.7	–	–	1.6	1.6	–	–	1.0	–	1.0	–
\$100,000 to \$119,999 .....	1.7	1.7	–	–	.6	.6	–	–	–	–	–	–
\$120,000 or more .....	2.5	2.5	–	–	.8	.8	–	–	.5	–	.3	–
<b>Median</b> .....	<b>41 078</b>	<b>40 713</b>	<b>...</b>	<b>...</b>	<b>26 562</b>	<b>26 789</b>	<b>...</b>	<b>...</b>	<b>17 644</b>	<b>...</b>	<b>20 068</b>	<b>...</b>
<b>Monthly Housing Costs</b>												
Less than \$100 .....	–	–	–	–	2.5	1.8	–	.7	1.3	–	.3	–
\$100 to \$199 .....	.6	.6	–	–	14.5	13.5	–	1.0	4.4	–	.5	–
\$200 to \$249 .....	.3	.3	–	–	8.5	8.2	–	.3	1.6	–	.6	–
\$250 to \$299 .....	1.1	.8	–	.3	5.5	5.0	–	.5	2.3	–	1.2	–
\$300 to \$349 .....	1.0	.6	.2	.2	3.8	3.6	–	.2	3.1	.2	2.4	.2
\$350 to \$399 .....	.8	.3	–	.5	2.7	2.7	–	–	3.0	–	2.3	–
\$400 to \$449 .....	1.8	1.8	–	–	1.8	1.8	–	–	6.3	–	5.6	–
\$450 to \$499 .....	2.5	2.3	–	.1	1.3	1.0	–	.3	7.6	–	6.3	–
\$500 to \$599 .....	3.2	2.9	–	.3	1.0	1.0	–	–	18.1	–	15.9	–
\$600 to \$699 .....	5.1	5.1	–	–	.5	.5	–	–	15.5	–	13.7	–
\$700 to \$799 .....	5.3	4.8	–	.5	.5	.5	–	–	9.2	–	8.2	–
\$800 to \$999 .....	7.9	7.7	–	.2	.2	.2	–	–	5.9	–	4.7	–
\$1,000 to \$1,249 .....	5.2	5.1	–	.1	–	–	–	–	1.6	–	1.1	–
\$1,250 to \$1,499 .....	4.1	3.9	.1	–	–	–	–	–	1.0	–	1.0	–
\$1,500 or more .....	2.7	2.7	–	–	–	–	–	–	.8	–	.7	–
No cash rent .....	...	...	...	...	...	...	...	...	6.6	–	2.8	–
<b>Median (excludes no cash rent)</b> .....	<b>782</b>	<b>797</b>	<b>...</b>	<b>...</b>	<b>226</b>	<b>228</b>	<b>...</b>	<b>...</b>	<b>562</b>	<b>...</b>	<b>582</b>	<b>...</b>
<b>Median Monthly Housing Costs for Owners</b>												
Monthly costs including all mortgages plus maintenance costs .....	833	849	...	...	269	273	...	...	...	...	...	...
Monthly costs excluding second and subsequent mortgages and maintenance costs .....	771	785	...	...	226	228	...	...	...	...	...	...
<b>Monthly Housing Costs as Percent of Current Income<sup>4</sup></b>												
Less than 5 percent .....	.6	.6	–	–	6.1	5.6	–	.5	.5	–	–	–
5 to 9 percent .....	3.9	3.1	.2	.7	12.4	11.4	–	1.0	2.6	–	2.1	–
10 to 14 percent .....	4.6	4.4	–	.1	7.5	7.2	–	.3	5.0	–	3.9	–
15 to 19 percent .....	6.8	6.8	–	–	4.6	4.2	–	.4	7.8	–	6.6	–
20 to 24 percent .....	4.6	4.2	–	.4	1.9	1.8	–	.2	9.3	–	7.5	–
25 to 29 percent .....	4.0	3.4	–	.5	1.1	1.1	–	–	6.9	–	5.1	–
30 to 34 percent .....	3.3	3.1	.1	–	1.4	1.4	–	–	7.6	–	6.0	–
35 to 39 percent .....	2.8	2.5	–	.3	1.3	1.0	–	.3	6.5	–	5.9	–
40 to 49 percent .....	2.9	2.8	–	.2	1.6	1.4	–	.2	8.7	–	7.3	–
50 to 59 percent .....	1.8	1.8	–	–	.9	.9	–	–	4.1	–	3.0	–
60 to 69 percent .....	.6	.6	–	–	.3	.3	–	–	3.1	–	2.7	–
70 to 99 percent .....	1.7	1.7	–	–	.5	.5	–	–	4.7	–	4.2	–
100 percent or more <sup>5</sup> .....	2.2	2.2	–	–	1.7	1.6	–	.2	8.7	–	5.9	–
Zero or negative income .....	1.7	1.7	–	–	1.4	1.4	–	–	6.1	.2	4.4	.2
No cash rent .....	–	–	–	–	–	–	–	–	6.6	–	2.8	–
<b>Median (excludes 2 previous lines)</b> .....	<b>24</b>	<b>24</b>	<b>...</b>	<b>...</b>	<b>11</b>	<b>11</b>	<b>...</b>	<b>...</b>	<b>34</b>	<b>...</b>	<b>34</b>	<b>...</b>
<b>Median (excludes 3 lines before medians)</b> .....	<b>23</b>	<b>23</b>	<b>...</b>	<b>...</b>	<b>11</b>	<b>11</b>	<b>...</b>	<b>...</b>	<b>31</b>	<b>...</b>	<b>32</b>	<b>...</b>
<b>OWNER OCCUPIED UNITS</b>												
<b>Total</b> .....	<b>41.5</b>	<b>39.0</b>	<b>.3</b>	<b>2.2</b>	<b>42.7</b>	<b>39.8</b>	<b>–</b>	<b>3.0</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>
<b>Value</b>												
Less than \$10,000 .....	.5	.2	–	.3	2.2	.3	–	1.9	...	...	...	...
\$10,000 to \$19,999 .....	.2	–	–	.2	1.2	.9	–	.3	...	...	...	...
\$20,000 to \$29,999 .....	.1	.1	–	–	.7	.7	–	–	...	...	...	...
\$30,000 to \$39,999 .....	.5	.2	–	.3	.6	.6	–	–	...	...	...	...
\$40,000 to \$49,999 .....	1.0	.6	–	.3	.8	.6	–	.2	...	...	...	...
\$50,000 to \$59,999 .....	1.3	1.1	–	.1	2.7	2.7	–	–	...	...	...	...
\$60,000 to \$69,999 .....	3.5	3.3	–	.2	3.9	3.8	–	.2	...	...	...	...
\$70,000 to \$79,999 .....	3.8	3.7	–	.1	5.6	5.3	–	.3	...	...	...	...
\$80,000 to \$99,999 .....	7.6	7.3	–	.3	7.6	7.6	–	–	...	...	...	...
\$100,000 to \$119,999 .....	5.6	5.6	–	–	5.9	5.9	–	–	...	...	...	...
\$120,000 to \$149,999 .....	6.8	6.5	.2	.2	4.6	4.4	–	.2	...	...	...	...
\$150,000 to \$199,999 .....	5.6	5.3	.1	.2	4.7	4.7	–	–	...	...	...	...
\$200,000 to \$249,999 .....	2.6	2.6	–	–	1.4	1.4	–	–	...	...	...	...
\$250,000 to \$299,999 .....	1.3	1.3	–	–	.2	.2	–	–	...	...	...	...
\$300,000 or more .....	1.2	1.2	–	–	.8	.8	–	–	...	...	...	...
<b>Median</b> .....	<b>108 558</b>	<b>110 838</b>	<b>...</b>	<b>...</b>	<b>89 929</b>	<b>93 419</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>

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

[Numbers in thousands. Consistent with Census 2000. ... 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 <sup>1</sup>	
	Total	Specified <sup>2</sup>	Not specified		Total	Specified <sup>2</sup>	Not specified		Specified <sup>3</sup>	Other	Specified <sup>3</sup>	Other
			Condo or Co-op	Other			Condo or Co-op	Other				
<b>OWNER OCCUPIED UNITS—Con.</b>												
<b>Ratio of Value to Current Income</b>												
Less than 1.5	8.4	7.3	–	1.1	7.8	5.5	–	2.3	...	...	...	...
1.5 to 1.9	6.5	5.9	.2	.5	3.4	3.1	–	.3	...	...	...	...
2.0 to 2.4	4.8	4.6	–	.2	4.3	4.3	–	–	...	...	...	...
2.5 to 2.9	3.1	2.8	–	.3	2.4	2.4	–	–	...	...	...	...
3.0 to 3.9	6.5	6.4	.1	–	7.3	7.3	–	–	...	...	...	...
4.0 to 4.9	2.4	2.4	–	–	2.8	2.8	–	–	...	...	...	...
5.0 or more	8.1	8.0	–	.1	13.3	13.0	–	.3	...	...	...	...
Zero or negative income	1.7	1.7	–	–	1.4	1.4	–	–	...	...	...	...
<b>Median</b>	<b>2.5</b>	<b>2.7</b>	...	...	<b>3.4</b>	<b>3.5</b>	...	...	...	...	...	...
<b>Average Monthly Cost Paid for Real Estate Taxes</b>												
Less than \$25	29.9	27.5	.3	2.1	33.3	30.7	–	2.6	...	...	...	...
\$25 to \$49	3.0	2.9	–	.2	1.9	1.7	–	.2	...	...	...	...
\$50 to \$74	1.9	1.9	–	–	2.1	2.1	–	–	...	...	...	...
\$75 to \$99	1.1	1.1	–	–	1.0	1.0	–	–	...	...	...	...
\$100 to \$149	3.3	3.3	–	–	2.7	2.5	–	.2	...	...	...	...
\$150 to \$199	1.1	1.1	–	–	.9	.9	–	–	...	...	...	...
\$200 or more	1.1	1.1	–	–	.8	.8	–	–	...	...	...	...
<b>Median</b>	<b>25-</b>	<b>25-</b>	...	...	<b>25-</b>	<b>25-</b>	...	...	...	...	...	...
<b>OWNERS WITH ONE OR MORE REGULAR OR LUMP-SUM HOME-EQUITY MORTGAGES</b>												
<b>Total</b>	<b>40.6</b>	<b>38.2</b>	<b>.1</b>	<b>2.2</b>	...	...	...	...	...	...	...	...
<b>Monthly Payment for Principal and Interest</b>												
One or more regular mortgages	40.6	38.2	.1	2.2	...	...	...	...	...	...	...	...
Less than \$100	1.3	1.3	–	–	...	...	...	...	...	...	...	...
\$100 to \$199	2.2	2.1	–	.2	...	...	...	...	...	...	...	...
\$200 to \$249	1.9	1.2	–	.6	...	...	...	...	...	...	...	...
\$250 to \$299	1.4	1.3	–	.2	...	...	...	...	...	...	...	...
\$300 to \$349	3.0	2.7	–	.3	...	...	...	...	...	...	...	...
\$350 to \$399	2.0	2.0	–	–	...	...	...	...	...	...	...	...
\$400 to \$449	2.8	2.5	–	.3	...	...	...	...	...	...	...	...
\$450 to \$499	4.0	3.8	–	.1	...	...	...	...	...	...	...	...
\$500 to \$599	5.4	5.0	–	.3	...	...	...	...	...	...	...	...
\$600 to \$699	4.4	4.4	–	–	...	...	...	...	...	...	...	...
\$700 to \$799	3.3	3.3	–	–	...	...	...	...	...	...	...	...
\$800 to \$999	3.4	3.2	–	.1	...	...	...	...	...	...	...	...
\$1,000 to \$1,249	3.4	3.2	.1	–	...	...	...	...	...	...	...	...
\$1,250 to \$1,499	1.0	1.0	–	–	...	...	...	...	...	...	...	...
\$1,500 or more	1.1	1.1	–	–	...	...	...	...	...	...	...	...
<b>Median</b>	<b>532</b>	<b>545</b>	...	...	...	...	...	...	...	...	...	...
<b>Type of Primary Mortgage</b>												
FHA	15.0	14.6	.1	.3	...	...	...	...	...	...	...	...
VA	1.9	1.9	–	–	...	...	...	...	...	...	...	...
RHS/RD	.1	.1	–	–	...	...	...	...	...	...	...	...
Other types	19.5	18.1	–	1.4	...	...	...	...	...	...	...	...
Don't know	.3	.3	–	–	...	...	...	...	...	...	...	...
Not reported	3.7	3.2	–	.5	...	...	...	...	...	...	...	...
<b>Mortgage Origination</b>												
Placed new mortgage(s)	39.6	37.3	.1	2.2	...	...	...	...	...	...	...	...
Primary obtained when property acquired	30.9	29.0	.1	1.8	...	...	...	...	...	...	...	...
Obtained later	8.7	8.3	–	.4	...	...	...	...	...	...	...	...
Assumed	.8	.8	–	–	...	...	...	...	...	...	...	...
Wrap-around	.1	.1	–	–	...	...	...	...	...	...	...	...
Combination of the above	–	–	–	–	...	...	...	...	...	...	...	...
<b>Payment Plan of Primary Mortgage</b>												
Fixed payment, self-amortizing	33.7	32.0	.1	1.6	...	...	...	...	...	...	...	...
Adjustable rate mortgage	1.0	1.0	–	–	...	...	...	...	...	...	...	...
Adjustable term mortgage	–	–	–	–	...	...	...	...	...	...	...	...
Graduated payment mortgage	.6	.6	–	–	...	...	...	...	...	...	...	...
Balloon	–	–	–	–	...	...	...	...	...	...	...	...
Other	–	–	–	–	...	...	...	...	...	...	...	...
Combination of the above	–	–	–	–	...	...	...	...	...	...	...	...
Not reported	5.2	4.6	–	.6	...	...	...	...	...	...	...	...
<b>Payment Plan of Secondary Mortgage</b>												
Units with two or more mortgages	3.2	3.1	–	.1	...	...	...	...	...	...	...	...
Fixed payment, self-amortizing	2.8	2.6	–	.1	...	...	...	...	...	...	...	...
Adjustable rate mortgage	–	–	–	–	...	...	...	...	...	...	...	...
Adjustable term mortgage	–	–	–	–	...	...	...	...	...	...	...	...
Graduated payment mortgage	–	–	–	–	...	...	...	...	...	...	...	...
Balloon	–	–	–	–	...	...	...	...	...	...	...	...
Other	–	–	–	–	...	...	...	...	...	...	...	...
Combination of the above	–	–	–	–	...	...	...	...	...	...	...	...
Not reported	.4	.4	–	–	...	...	...	...	...	...	...	...

Table 5-19. **Detailed Tenure by Financial Characteristics – Occupied Units With Black Alone Householder – Con.**

[Numbers in thousands. **Consistent with Census 2000.** ... 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 <sup>1</sup>	
	Total	Specified <sup>2</sup>	Not specified		Total	Specified <sup>2</sup>	Not specified		Specified <sup>3</sup>	Other	Specified <sup>3</sup>	Other
			Condo or Co-op	Other			Condo or Co-op	Other				
<b>OWNERS WITH ONE OR MORE REGULAR OR LUMP-SUM HOME-EQUITY MORTGAGES – Con.</b>												
<b>Lenders of Primary and Secondary Mortgages</b>												
Only borrowed from firm(s) .....	35.7	33.8	.1	1.7	...	...	...	...	...	...	...	...
Only borrowed from seller .....	–	–	–	–	...	...	...	...	...	...	...	...
Only borrowed from other individual(s) .....	.4	.4	–	–	...	...	...	...	...	...	...	...
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 .....	4.4	3.9	–	.5	...	...	...	...	...	...	...	...

<sup>1</sup>Excludes units in public housing projects and housing units with government rent subsidies.

<sup>2</sup>Limited to one-unit structures on less than 10 acres and no business on property.

<sup>3</sup>Excludes one-unit structures on 10 acres or more.

<sup>4</sup>Beginning with 1989, this item uses current income in its calculation, see Appendix A.

<sup>5</sup>May 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 Alone Householder**

[Numbers in thousands. Consistent with Census 2000. .... 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
<b>Total</b> .....	<b>172.7</b>	<b>10.5</b>	<b>11.6</b>	<b>18.6</b>	<b>18.2</b>	<b>17.6</b>	<b>28.0</b>	<b>23.7</b>	<b>20.3</b>	<b>11.8</b>	<b>6.3</b>	<b>2.4</b>	<b>3.7</b>	<b>23 497</b>
<b>Units in Structure</b>														
1, detached .....	93.9	4.6	4.8	8.4	8.7	7.0	13.8	13.8	12.9	9.3	5.2	2.2	3.1	29 752
1, attached .....	24.5	2.2	1.8	3.3	2.4	4.2	4.7	1.4	2.5	1.2	.2	.2	.3	17 920
2 to 4 .....	26.0	1.7	2.5	2.9	4.2	3.0	4.7	4.2	2.0	.5	.3	—	.1	17 961
5 to 9 .....	9.0	.6	.6	1.6	.9	.8	1.5	1.3	.8	.5	.2	—	—	19 069
10 to 19 .....	6.2	.5	.8	.3	.8	1.2	.8	1.0	.7	—	.2	—	—	17 873
20 to 49 .....	3.6	.4	.3	.3	—	1.0	.7	.3	—	.2	—	—	—	...
50 or more .....	5.3	.2	.5	.6	.6	.5	1.5	1.0	.4	—	—	—	—	21 790
Manufactured/mobile home or trailer .....	4.1	.2	.2	1.3	.5	—	.3	.5	1.0	.2	—	—	—	14 167
<b>Year Structure Built<sup>1</sup></b>														
2000 to 2004 .....	5.1	.2	—	.5	.2	.2	1.0	.8	1.5	.2	.2	.2	.4	37 361
1995 to 1999 .....	4.2	.3	.1	.3	.3	.9	.1	.3	1.0	.5	.1	—	.2	27 852
1990 to 1994 .....	3.8	—	.2	—	.2	.3	.5	.6	.6	.3	.5	.2	.3	...
1985 to 1989 .....	9.2	.3	.2	1.2	.6	—	1.6	1.6	1.5	.8	.6	—	.6	33 877
1980 to 1984 .....	11.3	.5	.6	1.2	1.7	1.0	1.9	1.8	1.1	1.1	—	—	.5	23 779
1975 to 1979 .....	18.4	.6	1.4	.5	1.8	1.9	2.8	3.0	2.9	2.0	1.0	.4	.1	30 477
1970 to 1974 .....	24.3	2.2	1.4	2.1	2.2	3.2	3.9	3.6	1.7	1.5	1.1	.5	.9	22 750
1960 to 1969 .....	26.4	2.4	1.7	2.7	2.5	3.5	4.1	3.6	3.1	1.3	1.0	.5	—	21 073
1950 to 1959 .....	19.8	1.1	2.2	2.7	1.9	2.2	2.7	1.9	2.4	1.1	.5	.6	.5	19 361
1940 to 1949 .....	22.3	1.3	1.7	3.5	3.1	2.1	3.9	3.3	1.8	1.1	.4	—	—	18 843
1930 to 1939 .....	12.2	1.0	1.0	2.0	1.8	1.4	1.6	1.8	1.1	.3	.2	.2	—	16 485
1920 to 1929 .....	5.9	.2	.5	1.0	.8	.3	1.2	.5	.8	.7	—	—	—	21 552
1919 or earlier .....	9.8	.5	.7	1.0	1.1	.7	2.6	.8	.6	.8	.6	—	.3	23 937
<b>Median</b> .....	<b>1966</b>	<b>1965</b>	<b>1959</b>	<b>1957</b>	<b>1962</b>	<b>1966</b>	<b>1965</b>	<b>1970</b>	<b>1971</b>	<b>1972</b>	<b>1972</b>	<b>...</b>	<b>...</b>	<b>...</b>
<b>Rooms</b>														
1 room .....	.3	—	—	—	—	—	—	.2	—	.2	—	—	—	...
2 rooms .....	1.1	.3	.2	.2	—	.3	.2	—	—	—	—	—	—	...
3 rooms .....	15.5	1.4	1.1	2.8	2.1	2.7	2.7	2.0	.3	.4	—	—	—	15 522
4 rooms .....	40.2	2.6	4.2	5.1	4.3	6.2	8.2	5.6	2.8	.5	.5	—	.2	18 129
5 rooms .....	47.8	3.4	3.0	4.7	6.0	4.0	7.5	6.4	7.5	2.3	1.8	.4	.8	23 748
6 rooms .....	35.8	1.9	2.2	3.9	3.3	2.1	6.3	6.3	4.7	2.9	1.1	.5	.7	27 086
7 rooms .....	18.4	.3	.3	1.0	2.2	1.8	1.8	2.2	2.7	3.1	1.6	.3	1.0	37 773
8 rooms .....	9.0	.3	.3	.5	.2	.2	.9	.9	1.4	1.3	1.3	.9	.8	56 760
9 rooms .....	2.4	.2	—	.2	—	.2	.3	—	.3	.9	—	.3	—	...
10 rooms or more .....	2.0	.1	.2	.3	—	.2	—	.2	.5	.3	—	.2	.1	...
<b>Bedrooms</b>														
None .....	.6	—	.2	—	—	.2	—	.2	—	.2	—	—	—	...
1 .....	20.4	1.9	1.6	3.6	2.6	3.4	3.7	2.1	.9	.5	—	—	—	15 601
2 .....	54.3	3.3	4.5	6.0	6.2	7.1	10.7	8.4	4.9	1.7	1.0	.3	.3	20 114
3 .....	71.6	4.4	4.3	6.7	6.9	5.3	10.0	9.9	11.9	5.5	3.7	.9	1.9	28 052
4 or more .....	25.7	.9	1.0	2.3	2.4	1.7	3.7	3.0	2.6	3.9	1.6	1.2	1.5	33 114
<b>Complete Bathrooms</b>														
None .....	1.8	.5	—	.2	.1	—	—	.5	.1	.2	.2	—	—	...
1 .....	81.9	6.3	7.3	12.0	10.9	10.3	14.3	10.1	5.7	3.0	1.1	.1	.8	17 180
1 1/2 .....	20.7	.7	1.3	2.1	2.5	2.2	4.3	3.0	2.9	1.0	.5	.1	.2	23 442
2 or more .....	68.2	3.0	3.0	4.4	4.6	5.1	9.4	10.1	11.6	7.7	4.5	2.1	2.8	34 616
<b>Main Heating Equipment</b>														
Warm-air furnace .....	108.9	6.0	5.8	8.0	10.2	10.5	17.8	16.8	14.4	9.6	5.0	2.1	2.6	27 829
Steam or hot water system .....	.5	.2	—	—	—	—	.2	.2	—	—	—	—	—	...
Electric heat pump .....	14.6	.8	1.0	2.3	1.3	2.3	2.1	2.5	1.2	.2	.3	—	.7	19 106
Built-in electric units .....	2.8	.3	—	.5	—	.2	.3	.6	.7	—	—	—	.2	...
Floor, wall, or other built-in hot-air units without ducts .....	12.9	1.3	1.3	1.7	2.5	1.4	1.7	.9	.6	.5	.6	.1	.2	14 292
Room heaters with flue .....	8.9	.3	.6	2.0	1.0	1.1	1.3	1.0	1.0	.5	.2	—	—	17 257
Room heaters without flue .....	13.8	.8	1.3	2.3	1.7	1.3	3.2	.7	1.6	.8	.2	—	—	18 194
Portable electric heaters .....	5.5	.6	.7	.9	.8	.5	.7	.6	.3	.2	—	.1	—	13 284
Stoves .....	—	—	—	—	—	—	—	—	—	—	—	—	—	...
Fireplaces with inserts .....	—	—	—	—	—	—	—	—	—	—	—	—	—	...
Fireplaces without inserts .....	.2	—	—	.2	—	—	—	—	—	—	—	—	—	...
Other .....	3.0	.3	.6	.1	.3	.6	.3	.5	—	—	—	—	.2	...
Cooking stove .....	1.1	.2	.2	.2	.3	.2	.2	—	—	—	—	—	—	...
None .....	.5	—	.3	—	.2	—	—	—	—	—	—	—	—	...
<b>Primary Source of Water</b>														
Public system or private company .....	171.0	10.3	11.4	18.1	18.0	17.6	28.0	23.5	20.1	11.6	6.3	2.4	3.7	23 607
Well serving 1 to 5 units .....	1.7	.2	.2	.6	.2	—	—	.2	.2	.2	—	—	—	...
Drilled .....	1.7	.2	.2	.6	.2	—	—	.2	.2	.2	—	—	—	...
Dug .....	—	—	—	—	—	—	—	—	—	—	—	—	—	...
Not reported .....	—	—	—	—	—	—	—	—	—	—	—	—	—	...
Other .....	—	—	—	—	—	—	—	—	—	—	—	—	—	...
<b>Means of Sewage Disposal</b>														
Public sewer .....	170.3	10.3	11.2	17.9	18.0	17.5	27.8	23.5	20.1	11.6	6.3	2.4	3.7	23 686
Septic tank, cesspool, chemical toilet .....	2.2	.2	.4	.6	.2	.2	.2	.2	.2	.2	—	—	—	...
Other .....	.2	—	—	.2	—	—	—	—	—	—	—	—	—	...
<b>Main House Heating Fuel</b>														
Housing units with heating fuel .....	172.2	10.5	11.3	18.6	18.0	17.6	28.0	23.7	20.3	11.8	6.3	2.4	3.7	23 580
Electricity .....	100.0	5.7	6.3	9.5	8.7	11.3	16.1	16.3	12.5	6.3	3.3	1.4	2.6	25 262
Piped gas .....	68.8	4.6	5.0	8.3	9.1	5.9	11.2	7.0	7.6	5.2	2.7	1.0	1.1	21 252
Bottled gas .....	1.2	—	—	.2	.2	.2	.4	.2	—	—	.2	—	—	...
Fuel oil .....	—	—	—	—	—	—	—	—	—	—	—	—	—	...
Kerosene or other liquid fuel .....	1.7	.2	—	.3	—	.2	.3	.2	.2	.2	.2	—	—	...
Coal or coke .....	—	—	—	—	—	—	—	—	—	—	—	—	—	...
Wood .....	.2	—	—	.2	—	—	—	—	—	—	—	—	—	...
Solar energy .....	—	—	—	—	—	—	—	—	—	—	—	—	—	...
Other .....	.3	—	—	.2	—	—	—	—	—	.2	—	—	—	...

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

[Numbers in thousands. Consistent with Census 2000. ... 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
<b>Cooking Fuel</b>														
With cooking fuel .....	171.9	10.3	11.6	18.6	18.2	17.6	28.0	23.5	20.0	11.6	6.3	2.4	3.7	23 419
Electricity .....	82.1	3.8	5.5	7.1	6.9	9.4	13.3	12.3	11.1	6.1	3.1	1.4	2.1	26 289
Piped gas .....	88.4	6.5	5.9	11.2	11.3	8.2	14.3	11.1	8.8	5.4	3.0	1.0	1.6	20 735
Bottled gas .....	1.2	—	.2	.4	—	—	.4	.2	—	—	.2	—	—	...
Kerosene or other liquid fuel .....	—	—	—	—	—	—	—	—	—	—	—	—	—	...
Coal or coke .....	—	—	—	—	—	—	—	—	—	—	—	—	—	...
Wood .....	—	—	—	—	—	—	—	—	—	—	—	—	—	...
Other .....	.2	—	—	—	—	—	—	—	—	.2	—	—	—	...
<b>Persons</b>														
1 person .....	50.2	5.2	3.2	8.4	7.2	5.7	8.1	5.8	3.8	1.5	.7	.2	.5	15 946
2 persons .....	43.7	2.3	2.9	3.4	3.9	4.9	7.7	6.5	5.6	3.1	1.9	.8	.6	25 750
3 persons .....	32.5	1.4	2.4	2.7	2.7	2.7	5.8	5.1	4.9	2.3	1.5	.5	.6	27 456
4 persons .....	24.7	.3	1.7	2.0	2.4	2.1	3.8	3.3	3.5	2.3	1.4	.5	1.4	30 234
5 persons .....	13.7	1.0	1.2	1.3	1.2	.7	2.1	2.2	1.8	1.1	.5	.5	.3	27 642
6 persons .....	5.2	.2	—	.5	.6	1.2	.6	.5	.3	.6	—	—	.3	20 640
7 persons or more .....	2.7	.2	.2	.5	.2	.2	—	.3	.5	.9	—	—	—	...
<b>Household Composition by Age of Householder</b>														
2-or-more-person households .....	122.5	5.3	8.4	10.2	11.0	11.9	19.9	17.9	16.5	10.3	5.6	2.2	3.3	27 246
Married-couple families, no nonrelatives .....	53.7	1.6	1.1	1.8	2.8	3.5	5.7	10.2	9.5	8.2	4.5	1.5	3.3	40 172
Under 25 years .....	.5	—	—	—	.2	—	—	—	.2	.2	—	—	—	...
25 to 29 years .....	4.5	.2	—	—	.1	.5	.6	.6	1.6	.2	.3	—	.3	41 996
30 to 34 years .....	4.7	.2	—	—	.2	.2	.8	.7	1.1	.7	.3	.3	.2	43 292
35 to 44 years .....	12.6	.2	—	.3	.3	.3	1.0	2.6	2.9	2.5	1.2	.4	1.0	50 921
45 to 64 years .....	23.2	.6	.7	.3	1.0	1.4	2.5	4.7	3.1	4.0	2.4	.8	1.6	42 319
65 years and over .....	8.1	.5	.3	1.1	1.0	1.1	.8	1.5	.6	.7	.3	—	.2	19 672
Other male householder .....	13.3	1.1	.8	.9	1.3	1.1	3.0	1.6	1.7	.7	.6	.4	—	24 660
Under 45 years .....	6.1	.5	.5	.5	.5	.5	2.2	.3	.6	—	.5	.2	—	23 064
45 to 64 years .....	5.1	.5	.3	.3	.5	.6	.5	.8	.8	.5	.5	.3	—	27 311
65 years and over .....	2.1	.2	—	.2	.3	—	.4	.5	.3	.2	.1	—	—	...
Other female householder .....	55.5	2.6	6.4	7.5	6.9	7.3	11.2	6.1	5.2	1.5	.5	.3	—	17 988
Under 45 years .....	31.6	1.7	3.9	4.1	4.4	4.6	7.5	2.7	2.2	.2	.2	.1	—	16 881
45 to 64 years .....	17.7	.7	2.1	2.0	1.3	1.7	2.9	3.1	2.2	1.3	.2	—	—	23 499
65 years and over .....	6.2	.1	.3	1.4	1.3	.9	.7	.3	.8	—	.1	—	—	14 447
1-person households .....	50.2	5.2	3.2	8.4	7.2	5.7	8.1	5.8	3.8	1.5	.7	.2	.5	15 946
Male householder .....	19.8	1.9	1.2	3.0	1.6	2.5	3.7	2.7	1.5	1.0	.5	.2	—	19 324
Under 45 years .....	9.7	.9	.7	.6	.5	1.5	2.2	1.6	1.0	.5	.2	—	—	23 224
45 to 64 years .....	6.0	.8	.2	1.0	.2	.6	1.0	.9	.5	.5	.5	—	—	23 055
65 years and over .....	4.1	.2	.3	1.5	.9	.5	.5	.2	—	—	—	—	—	10 053
Female householder .....	30.4	3.3	2.0	5.4	5.6	3.2	4.4	3.1	2.3	.5	.2	—	.5	14 015
Under 45 years .....	7.0	.7	.3	.5	1.2	.4	1.3	1.4	1.0	.2	—	—	.1	23 351
45 to 64 years .....	13.5	2.5	1.1	1.7	2.4	1.9	1.8	1.1	.7	.4	—	—	—	13 168
65 years and over .....	9.9	.2	.6	3.2	2.0	.9	1.2	.6	.6	—	.2	—	.3	12 399
<b>Own Never Married Children Under 18 Years Old</b>														
No own children under 18 years .....	114.9	8.1	6.7	13.9	12.9	11.4	18.9	16.0	12.4	6.4	4.4	1.7	2.0	22 314
With own children under 18 years .....	57.8	2.4	4.9	4.7	5.3	6.2	9.1	7.7	7.8	5.4	1.9	.7	1.8	25 967
Under 6 years only .....	8.3	.5	1.2	.8	.5	1.2	1.5	.8	.7	.5	.3	—	.3	19 830
1 .....	5.6	.3	.6	.3	.4	1.0	1.2	.5	.3	.5	.3	—	.2	21 895
2 .....	1.8	.2	.3	.3	—	.2	.2	.2	.3	—	—	—	.2	...
3 or more .....	.9	—	.3	.2	—	.1	.2	—	—	—	—	—	—	...
6 to 17 years only .....	38.2	1.3	2.6	2.5	3.3	4.2	6.1	5.9	5.8	4.0	1.2	.5	.8	28 602
1 .....	18.0	.6	1.5	.8	1.2	2.0	2.0	2.5	3.1	2.9	.5	.3	.5	33 292
2 .....	13.3	.5	.6	1.2	1.0	1.1	3.1	2.8	1.9	.8	.2	—	.2	27 503
3 or more .....	7.0	.2	.5	.5	1.2	1.1	1.0	.6	.8	.3	.5	.2	.2	20 685
Both age groups .....	11.3	.7	1.1	1.4	1.4	.8	1.5	.9	1.3	.9	.5	.2	.6	21 299
2 .....	4.0	—	.6	—	.4	—	.5	.4	1.2	.2	.3	.2	.1	...
3 or more .....	7.3	.7	.5	1.4	1.0	.8	1.0	.5	.2	.7	.1	—	.5	15 589
<b>Monthly Housing Costs</b>														
Less than \$100 .....	3.7	.4	.7	1.2	.6	.3	.3	—	.2	—	—	—	—	...
\$100 to \$199 .....	19.5	1.0	1.8	3.4	2.5	2.0	3.0	2.8	1.8	.5	.4	.2	.2	17 775
\$200 to \$249 .....	10.5	.6	.8	1.3	1.6	.7	1.8	1.4	.9	.8	.3	—	.5	22 155
\$250 to \$299 .....	8.9	.6	.6	1.2	.8	1.1	1.3	1.0	1.0	.8	.5	—	—	20 388
\$300 to \$349 .....	8.1	.6	.3	1.1	.7	.7	1.0	.9	1.2	1.0	.2	.3	—	25 818
\$350 to \$399 .....	6.5	.2	.8	.5	1.1	.3	1.2	1.0	.5	.5	.2	.4	—	23 647
\$400 to \$449 .....	9.8	.7	.5	1.3	1.8	2.3	1.0	1.3	.8	.2	—	—	—	16 488
\$450 to \$499 .....	11.4	.9	1.0	1.2	1.4	1.4	2.1	1.3	1.4	.3	.2	—	.1	19 000
\$500 to \$599 .....	22.3	1.6	1.9	1.5	2.6	3.0	4.2	3.8	2.4	.5	.3	.2	.3	21 227
\$600 to \$699 .....	21.1	1.3	.9	1.8	2.6	3.1	4.9	2.4	2.3	1.4	.5	—	—	21 652
\$700 to \$799 .....	15.0	.8	.3	.9	1.1	1.4	2.7	2.9	2.6	1.1	.8	.1	.2	30 643
\$800 to \$999 .....	13.9	.3	—	.9	.7	.3	2.5	2.6	2.4	2.4	.8	.6	.3	38 271
\$1,000 to \$1,249 .....	6.8	.2	.2	.2	—	.2	.6	1.4	1.4	1.1	.8	.3	.5	49 561
\$1,250 to \$1,499 .....	5.0	—	.2	—	.2	—	.7	.8	.6	1.3	.9	—	.5	61 373
\$1,500 or more .....	3.6	.5	—	.2	.2	—	.3	—	.5	—	.7	—	.2	...
No cash rent .....	6.6	.8	1.6	2.0	.3	.8	.4	.1	.3	—	—	—	.7	7 170
<b>Median (excludes no cash rent)</b> .....	<b>521</b>	<b>491</b>	<b>408</b>	<b>360</b>	<b>446</b>	<b>485</b>	<b>551</b>	<b>557</b>	<b>589</b>	<b>700</b>	<b>794</b>	...	...	...
<b>Median Monthly Housing Costs for Owners</b>														
Monthly costs including all mortgages plus maintenance costs .....	497	424	303	266	379	307	431	568	554	760	933	...	...	...
Monthly costs excluding second and subsequent mortgages and maintenance costs .....	409	371	240	252	284	255	336	441	468	666	798	...	...	...













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

[Numbers in thousands. **Consistent with Census 2000.** ... 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
<b>RENTER OCCUPIED UNITS</b>														
<b>Total</b> .....	<b>88.4</b>	<b>1.3</b>	<b>4.4</b>	<b>3.9</b>	<b>6.3</b>	<b>13.9</b>	<b>18.1</b>	<b>15.5</b>	<b>9.2</b>	<b>5.9</b>	<b>2.6</b>	<b>.8</b>	<b>6.6</b>	<b>561</b>
<b>Rent Reductions</b>														
No subsidy .....	65.2	.3	.5	1.7	4.9	11.6	15.4	13.2	7.4	4.6	2.1	.7	2.8	579
Rent control .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—
No rent control .....	64.9	.3	.5	1.6	4.9	11.6	15.3	13.2	7.4	4.6	2.1	.7	2.8	580
Reduced by owner .....	2.6	.2	—	.5	.3	.2	—	—	—	—	—	—	—	1.5
Not reduced by owner .....	61.8	.2	.5	1.6	4.4	11.1	15.1	13.2	7.4	4.4	2.0	.7	1.4	583
Owner reduction not reported .....	.5	—	—	—	—	.2	—	—	—	.2	.2	—	—	—
Rent control not reported .....	.3	—	—	.1	—	.1	—	—	—	—	—	—	—	—
Owned by public housing authority .....	6.4	.9	1.6	.8	.6	.5	.2	.2	.3	—	.2	.2	1.1	222
Government subsidy .....	6.5	—	1.6	.8	.6	.2	.7	.3	—	.2	—	—	2.2	274
Other, income verification .....	7.8	—	.8	.5	.2	1.3	1.3	1.3	.6	1.0	.3	—	.5	568
Subsidy not reported .....	2.5	—	—	.2	—	.3	.5	.5	.9	.2	—	—	—	—

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











**Table 5-23. Journey to Work—Occupied Units With Black Alone Householder—Con.**

[Numbers in thousands. Consistent with Census 2000. ... 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 <sup>1</sup>		
		Owner	Renter	New construction 4 years	Manufactured/mobile homes	Physical problems		Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three
						Severe	Moderate						
<b>Travel Time From Home to Work for Householder</b>													
Less than 15 minutes .....	27.3	10.9	16.4	1.1	1.3	1.2	3.8	.3	5.6	4.2	17.9	5.2	1.4
15 to 29 minutes .....	38.2	20.0	18.2	1.1	.2	1.0	3.7	1.7	5.4	4.9	25.0	9.8	.7
30 to 44 minutes .....	13.8	7.0	6.9	.5	.3	.3	1.2	.2	1.8	1.4	7.6	4.4	.5
45 to 59 minutes .....	4.0	1.7	2.3	.2	–	.2	.2	–	1.0	.7	2.1	1.0	.2
1 hour to 1 hour and 29 minutes .....	3.1	.8	2.3	–	–	.4	.3	.4	.9	.8	2.0	.6	.2
1 hour 30 minutes or more .....	1.3	.5	.8	.1	–	–	.5	.2	–	–	.8	.4	.1
Works at home .....	1.0	.8	.2	–	.2	–	–	–	.1	.4	.7	.1	.2
No fixed place of work .....	5.0	1.6	3.4	–	.4	.2	.7	.5	.3	.9	2.8	1.0	.5
<b>Median .....</b>	<b>22</b>	<b>22</b>	<b>21</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>19</b>	<b>...</b>	<b>20</b>	<b>20</b>	<b>21</b>	<b>23</b>	<b>...</b>
<b>Distance From Home to Work for Householder</b>													
Less than 1 mile .....	3.2	.7	2.6	–	–	.2	.2	–	1.0	1.4	2.7	.2	.2
1 to 4 miles .....	22.7	9.4	13.2	.4	.3	.5	2.4	.8	3.9	2.7	15.5	4.4	1.2
5 to 9 miles .....	22.3	8.6	13.6	.8	.7	1.3	3.6	.5	4.6	3.5	15.2	5.3	.2
10 to 19 miles .....	27.2	15.4	11.8	1.1	.8	.6	2.3	.7	2.5	3.7	16.3	8.3	.5
20 to 29 miles .....	6.9	4.3	2.5	.3	–	.2	.8	.5	1.4	.5	3.3	2.1	.2
30 to 49 miles .....	4.5	1.9	2.6	.2	–	.2	.3	–	1.3	.2	2.2	.5	.6
50 miles or more .....	1.0	.5	.5	.1	–	.1	–	.1	.2	–	.2	.5	.3
Works at home .....	1.0	.8	.2	–	.2	–	–	–	.1	.4	.7	.1	.2
No fixed place of work .....	5.0	1.6	3.4	–	.4	.2	.7	.5	.3	.9	2.8	1.0	.5
<b>Median .....</b>	<b>9</b>	<b>11</b>	<b>8</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>8</b>	<b>...</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>11</b>	<b>...</b>
<b>Departure Time to Work for Householder<sup>2</sup></b>													
12 Midnight to 2:59 a.m. ....	1.1	.7	.5	–	–	–	.2	–	.3	–	.6	.3	–
3:00 a.m. to 5:59 a.m. ....	10.5	4.4	6.1	.1	–	–	1.7	.1	1.1	1.3	4.8	3.7	1.0
6:00 a.m. to 6:59 a.m. ....	19.2	9.6	9.6	1.0	–	.5	1.5	.3	3.2	2.4	10.1	6.2	.5
7:00 a.m. to 7:29 a.m. ....	16.2	8.2	8.0	.7	1.0	.5	1.5	.1	2.3	1.9	10.1	4.2	.4
7:30 a.m. to 7:59 a.m. ....	7.9	3.9	4.0	.4	.3	.3	1.1	.3	1.1	.5	5.4	1.5	–
8:00 a.m. to 8:29 a.m. ....	10.2	4.7	5.5	–	–	.2	1.3	.5	1.3	1.6	9.1	.9	.2
8:30 a.m. to 8:59 a.m. ....	3.7	2.4	1.2	.4	–	–	.3	.2	.5	.5	3.2	.1	.3
9:00 a.m. to 9:59 a.m. ....	4.5	1.9	2.6	–	.2	.3	.5	.3	1.0	.6	3.3	.6	.4
10:00 a.m. to 3:59 p.m. ....	8.1	2.0	6.2	.3	–	.7	1.6	.5	1.5	1.8	5.9	1.6	.2
4:00 p.m. to midnight 12 .....	5.4	2.2	3.1	–	.3	.5	.5	.2	.8	1.5	3.5	.7	.4
Not reported .....	5.8	2.2	3.6	.2	.4	.1	.5	.4	1.5	.7	2.2	2.5	.4
<b>Worked at Home Last Week</b>													
Worked at home <sup>3</sup> .....	13.3	7.0	6.3	.6	.2	.6	1.3	.4	2.0	1.7	9.1	2.5	1.0
Hours worked at home:													
1-9 hours .....	6.1	2.5	3.6	.3	–	.5	.6	–	1.2	.8	3.9	1.0	.5
10-19 hours .....	2.5	1.7	.9	.1	–	–	.3	.4	.2	.3	1.9	.5	.1
20-29 hours .....	.8	.5	.3	–	–	–	.1	–	.2	–	.3	.5	–
30-39 hours .....	.7	.3	.3	–	–	–	–	–	.2	–	.5	–	–
40 hours or more .....	2.6	1.6	1.0	–	.2	.2	.2	–	.3	.2	1.9	.3	.3
Not reported .....	.7	.5	.2	.2	–	–	–	–	.2	.2	.5	.2	–
Did not work at home .....	79.4	35.8	43.5	2.3	2.2	2.6	9.0	2.7	13.0	11.6	49.6	19.3	2.8
Worked at home not reported .....	1.0	.3	.7	.2	–	–	–	–	.3	–	.1	.7	–
Worked at home/wage and salary job .....	6.8	3.9	3.0	.5	.2	.5	.5	–	1.0	.5	4.5	1.4	.6
Days worked at home:													
0 days .....	3.7	1.8	2.0	.5	–	.3	.2	–	.8	.2	2.2	1.0	.3
1-2 days .....	1.7	1.1	.7	–	–	.2	.3	–	.2	–	1.3	.3	–
3-4 days .....	–	–	–	–	–	–	–	–	–	–	–	–	–
5 days or more .....	1.2	.9	.3	–	.2	–	–	–	–	.4	1.0	–	.2
Not reported .....	.1	.1	–	–	–	–	–	–	–	–	–	–	.1

<sup>1</sup>See back cover for details.

<sup>2</sup>Does not add to total because those that worked at home were not included.

<sup>3</sup>Includes regular scheduled work done for employer at home, i.e. wages, salary and commission jobs and as a self-employed person, contract worker or business owner.









Table 5-24. **Units in Structure by Selected Characteristics—Occupied Units With Black Alone Householder—Con.**

[Numbers in thousands. **Consistent with Census 2000.** ... means not applicable or sample too small. – means zero or rounds to zero]

Characteristics	Total	1, detached	1, attached	Multiunit						Manu- factured/ mobile homes
				Total	2 to 4	5 to 9	10 to 19	20 to 49	50 or more	
<b>Monthly Cost Paid for Piped Gas</b>										
Piped gas used .....	108.9	68.2	17.5	22.3	15.9	3.4	1.3	1.2	.6	.9
Less than \$25 .....	15.1	8.5	1.9	3.9	2.8	.7	.3	—	.1	.7
\$25 to \$49 .....	31.9	23.6	3.9	4.2	3.2	.6	.3	—	—	.2
\$50 to \$74 .....	10.3	7.1	1.6	1.5	1.5	—	—	—	—	—
\$75 to \$99 .....	2.0	1.7	—	.3	.3	—	—	—	—	—
\$100 to \$149 .....	4.4	3.1	1.3	—	—	—	—	—	—	—
\$150 to \$199 .....	1.6	1.0	.5	.2	.2	—	—	—	—	—
\$200 or more .....	1.4	1.1	—	.4	.4	—	—	—	—	—
<b>Median</b> .....	<b>39</b>	<b>40</b>	<b>42</b>	<b>33</b>	<b>36</b>	...	...	...	...	...
Included in rent, other fee, or obtained free .....	42.2	22.1	8.2	11.9	7.5	2.1	.7	1.2	.5	—

<sup>1</sup>Native Hawaiian and other Pacific Islander.

<sup>2</sup>Because Hispanics may be of any race, data can overlap slightly with other groups. Most Hispanics report themselves as White, but some report themselves as Black or in other categories.

<sup>3</sup>For manufactured/mobile homes, oldest category is 1939 or earlier.

<sup>4</sup>Figures may not add to total because more than one category may apply to a unit.

<sup>5</sup>Beginning with 1989, this item uses current income in its calculation, see Appendix A.

<sup>6</sup>May reflect a temporary situation, living off savings, or response error.



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

[Numbers in thousands. Consistent with Census 2000. ... 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 <sup>1</sup>		
		Owner	Renter	New construction 4 years	Manufactured/mobile homes	Physical problems		Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three
						Severe	Moderate						
<b>Total</b>	<b>29.7</b>	<b>18.5</b>	<b>11.2</b>	<b>1.0</b>	<b>1.5</b>	<b>.9</b>	<b>1.1</b>	<b>5.8</b>	<b>4.7</b>	<b>3.4</b>	<b>6.3</b>	<b>17.0</b>	<b>2.2</b>
<b>Tenure</b>													
Owner occupied	18.5	18.5	...	.7	1.5	.6	.3	5.5	1.6	1.9	3.4	9.7	2.0
Percent of all occupied	62.3	100.0	...	69.3	100.0	64.5	27.7	94.6	33.7	56.7	53.2	57.1	92.7
Renter occupied	11.2	...	11.2	.3	—	.3	.8	.3	3.1	1.5	3.0	7.3	.2
<b>Race and Origin</b>													
White alone	25.5	16.6	8.8	1.0	1.5	.7	.6	5.0	4.3	2.3	4.2	15.3	1.8
Non-Hispanic	...	...	...	...	...	...	...	...	...	...	...	...	...
Hispanic	25.5	16.6	8.8	1.0	1.5	.7	.6	5.0	4.3	2.3	4.2	15.3	1.8
Black alone	3.0	1.1	1.9	—	—	.1	.3	.6	.4	.8	1.8	.9	.2
Non-Hispanic	...	...	...	...	...	...	...	...	...	...	...	...	...
Hispanic	3.0	1.1	1.9	—	—	.1	.3	.6	.4	.8	1.8	.9	.2
American Indian or Alaska Native alone	.1	.1	—	—	—	—	—	—	—	—	—	.1	—
Asian alone	.4	.3	.1	—	—	—	—	.1	—	.1	—	.4	—
Pacific Islander alone <sup>2</sup>	.2	—	.2	—	—	—	—	—	—	—	.2	—	—
Two or more races	.5	.3	.2	—	—	—	.2	—	—	.2	.2	.2	.2
Hispanic or Latino (of any race) <sup>3</sup>	29.7	18.5	11.2	1.0	1.5	.9	1.1	5.8	4.7	3.4	6.3	17.0	2.2
<b>Units in Structure</b>													
1, detached	18.8	15.7	3.1	.7	...	.4	.5	5.4	2.2	1.7	3.7	9.9	1.8
1, attached	1.5	.5	1.0	—	...	.2	—	.2	.2	.3	1.1	.3	—
2 to 4	3.5	.5	3.1	—	...	.3	.3	—	.8	.3	.5	2.9	—
5 to 9	.9	—	.9	—	...	—	—	—	.2	.2	.2	.8	—
10 to 19	1.6	—	1.6	.3	...	—	.2	—	.8	.5	.3	1.1	.2
20 to 49	1.0	.2	.9	—	...	—	—	—	.2	.2	.2	.9	—
50 or more	.8	.2	.6	—	...	—	.2	—	.1	—	.3	.5	—
Manufactured/mobile home or trailer	1.5	1.5	—	—	1.5	—	—	.2	.3	.2	—	.7	.2
<b>Cooperatives and Condominiums</b>													
Cooperatives	—	—	—	—	—	—	—	—	—	—	—	—	—
Condominiums	1.0	.5	.5	—	—	—	—	—	—	—	.2	.8	—
<b>Year Structure Built<sup>4</sup></b>													
2000 to 2004	1.2	.9	.3	1.0	—	—	—	.2	.3	—	—	.3	.4
1995 to 1999	1.1	1.0	.1	...	.3	—	—	—	.2	—	.3	.3	.2
1990 to 1994	.9	.9	—	...	.6	—	—	—	.3	—	—	.3	—
1985 to 1989	1.5	1.1	.3	...	—	—	—	.2	—	.2	—	.6	.3
1980 to 1984	1.7	1.1	.6	...	—	—	—	.4	—	—	.2	.9	.4
1975 to 1979	3.0	1.6	1.5	...	.2	—	—	.4	.6	.4	.3	2.1	.2
1970 to 1974	8.0	4.8	3.3	...	.3	—	.4	1.7	1.6	1.2	.7	6.4	.4
1960 to 1969	6.4	3.6	2.9	...	—	.7	.2	1.3	.7	.8	.5	4.6	.4
1950 to 1959	2.8	2.2	.6	...	—	—	—	1.3	.3	—	1.9	.7	—
1940 to 1949	.8	.3	.5	...	—	—	.2	.3	.2	.2	.3	.5	—
1930 to 1939	.5	.1	.3	...	—	—	—	—	—	—	.5	—	—
1920 to 1929	.8	—	.8	...	—	.2	.3	—	.4	.3	.8	—	—
1919 or earlier	1.0	1.0	—	...	—	.2	.2	.2	.2	.3	.8	.2	—
<b>Median</b>	<b>1972</b>	<b>1972</b>	<b>1971</b>	...	...	...	...	<b>1969</b>	<b>1972</b>	...	<b>1954</b>	<b>1972</b>	...

<sup>1</sup>See back cover for details.

<sup>2</sup>Native Hawaiian and other Pacific Islander.

<sup>3</sup>Because Hispanics may be of any race, data can overlap slightly with other groups. Most Hispanics report themselves as White, but some report themselves as Black or in other categories.

<sup>4</sup>For manufactured/mobile homes, oldest category is 1939 or earlier.

**Table 6-2. Height and Condition of Building—Occupied Units With Hispanic Householder**

[Numbers in thousands. Consistent with Census 2000. ... 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 <sup>1</sup>		
		Owner	Renter	New construction 4 years	Manufactured/mobile homes	Physical problems		Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three
						Severe	Moderate						
<b>Total</b>	<b>29.7</b>	<b>18.5</b>	<b>11.2</b>	<b>1.0</b>	<b>1.5</b>	<b>.9</b>	<b>1.1</b>	<b>5.8</b>	<b>4.7</b>	<b>3.4</b>	<b>6.3</b>	<b>17.0</b>	<b>2.2</b>
<b>Stories in Structure<sup>2</sup></b>													
1	17.5	13.1	4.4	.5	...	.6	.2	4.8	2.2	1.9	3.6	9.3	2.0
2	8.0	3.3	4.7	.3	...	.3	.5	.8	1.3	.8	2.2	4.8	—
3	2.1	.2	2.0	.2	...	—	—	—	.8	.5	.3	1.8	—
4 to 6	.5	.3	.1	—	...	—	.2	—	.1	—	.1	.3	—
7 or more	.1	.1	—	—	...	—	—	—	—	—	.1	—	—
<b>Stories Between Main and Apartment Entrances</b>													
Multiunits, 2 or more floors	7.0	.8	6.2	.3	...	.3	.7	—	1.9	1.0	1.5	5.3	—
None (on same floor)	3.3	.3	3.0	.3	...	.2	.2	—	.8	.2	.2	2.9	—
1 (up or down)	1.9	.1	1.7	—	...	.1	.2	—	.5	.6	.8	1.1	—
2 or more (up or down)	1.8	.3	1.5	—	...	—	.4	—	.7	.2	.5	1.3	—
<b>Common Stairways</b>													
Multiunits, 2 or more floors	7.0	.8	6.2	.3	...	.3	.7	—	1.9	1.0	1.5	5.3	—
No common stairways	1.6	.3	1.3	.1	...	.2	.2	—	—	.2	.2	1.3	—
With common stairways	5.4	.5	4.9	.2	...	.1	.5	—	1.9	.8	1.3	4.0	—
No loose steps	4.9	.5	4.4	.2	...	.1	.3	—	1.8	.8	1.0	3.9	—
Railings not loose	3.9	.2	3.7	.2	...	.1	.3	—	1.4	.6	.7	3.2	—
Railings loose	.7	.2	.5	—	...	—	—	—	.2	.2	.2	.5	—
No railings	.3	.1	.2	—	...	—	—	—	.2	—	.2	.1	—
Status of railings not reported	—	—	—	—	...	—	—	—	—	—	—	—	—
Loose steps	.5	—	.5	—	...	—	.2	—	.2	—	.3	.2	—
Railings not loose	.3	—	.3	—	...	—	—	—	.2	—	.2	.2	—
Railings loose	.2	—	.2	—	...	—	.2	—	—	—	.2	—	—
No railings	—	—	—	—	...	—	—	—	—	—	—	—	—
Status of railings not reported	—	—	—	—	...	—	—	—	—	—	—	—	—
Status of stairways not reported	—	—	—	—	...	—	—	—	—	—	—	—	—
<b>Light Fixtures in Public Halls</b>													
2 or more units in structure	7.9	.8	7.2	.3	...	.3	.7	—	2.1	1.1	1.5	6.1	.2
No public halls	2.8	.6	2.2	.1	...	.3	.2	—	.3	.6	.2	2.5	.2
No light fixtures in public halls	.5	—	.5	—	...	—	.2	—	.2	—	.4	.2	—
All in working order	3.6	.2	3.4	.2	...	—	.2	—	1.6	.5	1.0	2.6	—
Some in working order	—	—	—	—	...	—	—	—	—	—	—	—	—
None in working order	.9	—	.9	—	...	—	.2	—	—	—	—	.7	—
Not reported	.2	—	.2	—	...	—	—	—	—	—	—	.2	—
<b>Elevator on Floor</b>													
Multiunits, 2 or more floors	7.0	.8	6.2	.3	...	.3	.7	—	1.9	1.0	1.5	5.3	—
With 1 or more elevators working	.1	—	.1	—	...	—	—	—	.1	—	.1	—	—
With elevator, none in working condition	—	—	—	—	...	—	—	—	—	—	—	—	—
No elevator	6.9	.8	6.1	.3	...	.3	.7	—	1.8	1.0	1.3	5.3	—
Units 3 or more floors from main entrance	.5	—	.5	—	...	—	—	—	.3	.2	—	.5	—
<b>Foundation</b>													
1-unit building, excluding manufactured/mobile homes	20.3	16.2	4.1	.7	...	.6	.5	5.6	2.4	2.0	4.9	10.2	1.8
With basement under all of building	.2	.2	—	—	...	—	—	—	—	—	.2	—	—
With basement under part of building	—	—	—	—	...	—	—	—	—	—	—	—	—
With crawl space	2.5	1.4	1.1	—	...	.2	.3	.6	.5	.5	1.6	.9	—
On concrete slab	15.7	12.9	2.8	.7	...	.2	—	4.5	1.9	1.4	2.8	8.9	1.1
Other	2.0	1.8	.2	—	...	.2	.2	.4	—	.2	.3	.5	.7
<b>External Building Conditions<sup>3</sup></b>													
Sagging roof	.8	.2	.6	—	...	.2	—	.2	—	.2	.3	.3	.2
Missing roofing material	1.6	.7	1.0	—	...	.2	.2	.1	.2	.5	.4	.9	.4
Hole in roof	1.5	.6	.8	—	...	.2	.1	.2	.5	.4	.9	.2	—
Missing bricks, siding, other outside wall material	.6	.2	.5	—	...	—	.3	—	—	.2	.2	.5	—
Sloping outside walls	1.1	.6	.5	—	...	.2	—	.2	—	.2	.3	.4	—
Boarded up windows	.7	.2	.5	—	...	.2	.2	—	—	.3	.3	.1	.2
Broken windows	1.3	.7	.7	—	...	.2	.3	—	.2	.3	.6	.2	.4
Bars on windows	3.3	2.0	1.3	—	...	.2	.2	.6	.5	.5	2.1	1.1	—
Foundation crumbling or has open crack or hole	.4	.2	.2	—	...	.4	—	—	—	—	.2	—	.2
None of the above	22.4	14.7	7.7	1.0	...	.3	.5	4.9	3.8	2.4	3.6	13.8	1.6
Not reported	.2	.2	—	—	...	—	—	—	—	—	—	—	—
<b>Site Placement</b>													
Manufactured/mobile homes	1.5	1.5	—	—	...	—	—	.2	.3	.2	—	.7	.2
First site	1.0	1.0	—	—	...	—	—	—	—	—	—	.7	—
Moved from another site	.2	.2	—	—	...	—	—	.2	—	.2	—	—	.2
Don't know	.3	.3	—	—	...	.3	—	—	.3	—	—	—	—
Not reported	—	—	—	—	...	—	—	—	—	—	—	—	—
<b>Previous Occupancy</b>													
Unit built 1990 or later	3.2	2.7	.5	1.0	...	—	—	.2	.8	—	.3	.9	.6
Not previously occupied	1.0	1.0	—	.7	...	—	—	.2	.2	—	.2	—	.4
Not reported	.3	.3	—	—	...	—	—	—	—	—	—	.2	—

<sup>1</sup>See back cover for details.

<sup>2</sup>Figures exclude manufactured/mobile homes.

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

**Table 6-3. Size of Unit and Lot—Occupied Units With Hispanic Householder**

[Numbers in thousands. Consistent with Census 2000. ... 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 <sup>1</sup>		
		Owner	Renter	New construction 4 years	Manufactured/mobile homes	Physical problems		Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three
						Severe	Moderate						
<b>Total</b>	<b>29.7</b>	<b>18.5</b>	<b>11.2</b>	<b>1.0</b>	<b>1.5</b>	<b>.9</b>	<b>1.1</b>	<b>5.8</b>	<b>4.7</b>	<b>3.4</b>	<b>6.3</b>	<b>17.0</b>	<b>2.2</b>
<b>Rooms</b>													
1 room	—	—	—	—	—	—	—	—	—	—	—	—	—
2 rooms	.2	—	.2	—	—	—	—	—	.2	.2	—	.2	—
3 rooms	2.3	.2	2.1	.2	—	—	.2	—	1.1	—	1.3	1.0	—
4 rooms	5.2	1.0	4.2	.1	.3	.3	.3	.5	1.0	.6	1.3	3.5	.2
5 rooms	6.2	4.3	1.9	.4	1.0	.4	.2	1.1	1.0	.5	.6	3.7	.7
6 rooms	8.3	6.6	1.7	.2	.2	.2	.2	2.6	.8	1.3	1.6	4.1	.9
7 rooms	4.8	3.8	1.0	.2	—	—	—	1.2	.3	.5	.7	3.0	.2
8 rooms	2.0	1.9	.2	—	—	—	—	.5	.3	.2	.5	1.2	—
9 rooms	.2	.2	—	—	—	—	—	—	—	—	—	—	.2
10 rooms or more	.6	.6	—	—	—	—	.3	—	—	.2	.3	.3	—
<b>Rooms Used for Business</b>													
Business only													
1 or more rooms with direct access	2.5	1.4	1.1	—	—	—	.2	.2	—	.2	.5	1.8	.2
1 or more rooms, no direct access	1.9	1.4	.5	—	—	—	.2	.5	.5	.2	.3	.9	.2
Not reported	.2	.2	—	—	—	—	—	—	—	—	—	.2	—
Business and other use													
1 or more rooms	5.1	3.0	2.0	.1	—	—	.3	.3	1.1	.5	1.4	2.7	.2
Not reported	.2	.2	—	—	—	—	—	—	—	—	—	.2	—
<b>Bedrooms</b>													
None	.2	—	.2	—	—	—	—	—	.2	.2	—	.2	—
1	3.3	.2	3.2	.2	—	—	.3	—	1.5	.3	1.5	1.7	.2
2	7.0	3.0	4.0	.1	.9	.3	.3	1.4	.9	.8	1.8	4.3	.2
3	14.0	10.7	3.3	.7	.6	.6	.2	3.4	1.7	1.6	1.9	8.0	1.3
4 or more	5.3	4.6	.6	—	—	—	.3	1.0	.5	.5	1.1	2.8	.5
<b>Complete Bathrooms</b>													
None	.2	—	.2	—	—	.2	—	—	—	—	.2	—	—
1	8.2	1.9	6.3	.2	.5	.3	.3	1.5	2.2	1.4	2.8	4.6	.6
1 1/2	5.5	3.6	1.9	.1	.3	.4	.3	1.1	.3	.8	.9	3.8	.2
2 or more	15.8	13.0	2.8	.7	.6	—	.5	3.2	2.2	1.2	2.5	8.7	1.4
<b>Square Footage of Unit</b>													
Single detached and manufactured/mobile homes													
Less than 500	20.3	17.2	3.1	.7	1.5	.4	.5	5.6	2.5	1.9	3.7	10.5	2.0
500 to 749	.5	.2	.3	—	—	—	.2	—	—	.2	.3	.1	—
750 to 999	2.1	1.6	.5	—	—	—	.2	.7	.3	.4	.5	.9	.2
1,000 to 1,499	4.1	3.3	.7	.2	.9	.2	.2	1.0	.6	.5	.3	2.5	.5
1,500 to 1,999	4.4	3.5	.9	.2	—	—	—	1.1	.5	.3	.8	2.3	.2
2,000 to 2,499	3.6	3.6	—	—	—	—	—	1.3	.3	.1	.5	2.1	.3
2,500 to 2,999	1.4	1.3	.2	.3	—	—	—	.8	—	.2	.5	.3	.2
3,000 to 3,999	.8	.8	—	—	—	—	.2	—	—	—	.3	.3	—
4,000 or more	.5	.5	—	—	—	—	—	.3	—	.2	.3	.2	—
Not reported	3.0	2.5	.5	—	.6	.2	—	.4	.7	.1	.2	1.9	.4
<b>Median</b>	<b>1 733</b>	<b>1 823</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>1 918</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>1 680</b>	<b>...</b>
<b>Lot Size<sup>2</sup></b>													
1-unit structures													
Less than 1/8 acre	21.8	17.7	4.1	.7	1.5	.6	.5	5.8	2.6	2.2	4.9	10.9	2.0
1/8 up to 1/4 acre	6.5	4.7	1.8	.2	.8	.4	.2	1.4	1.0	.7	2.3	2.4	.8
1/4 up to 1/2 acre	12.3	10.1	2.1	.3	.7	—	.2	3.5	1.6	1.2	2.0	7.7	.7
1/2 up to 1 acre	1.4	1.3	.2	—	—	—	.2	.5	—	.1	.5	.5	.2
1 up to 5 acres	.8	.8	—	.2	—	—	—	—	—	—	.2	.3	.2
5 up to 10 acres	.8	.8	—	—	—	.2	—	.3	—	.2	—	—	.2
10 acres or more	—	—	—	—	—	—	—	—	—	—	—	—	—
<b>Median</b>	<b>.17</b>	<b>.18</b>	<b>.14</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>.18</b>	<b>...</b>	<b>...</b>	<b>.14</b>	<b>.18</b>	<b>...</b>
<b>Persons per Room</b>													
0.50 or less	20.5	14.0	6.5	.7	.8	.7	.7	5.6	3.4	2.7	4.7	11.2	2.0
0.51 to 1.00	9.1	4.5	4.6	.3	.7	.1	.5	1	1.4	.5	1.5	5.7	.2
1.01 to 1.50	.2	—	.2	—	—	—	—	—	—	.2	—	—	—
1.51 or more	—	—	—	—	—	—	—	—	—	—	—	—	—
<b>Persons per Bedroom</b>													
0.50 or less	5.0	3.4	1.5	.1	—	—	.3	1.9	.5	.6	1.2	3.0	.5
0.51 to 1.00	16.3	11.2	5.1	.5	1.2	.7	.3	3.6	2.9	2.1	3.6	8.4	1.5
1.01 to 1.50	3.7	2.4	1.2	.2	—	—	.3	.3	—	—	.8	2.3	—
1.51 or more	4.6	1.4	3.2	.2	.3	.1	.2	—	1.2	.5	.8	3.2	.2
No bedrooms	.2	—	.2	—	—	—	—	—	.2	.2	—	.2	—
<b>Square Feet per Person</b>													
Single detached and manufactured/mobile homes													
Less than 200	20.3	17.2	3.1	.7	1.5	.4	.5	5.6	2.5	1.9	3.7	10.5	2.0
200 to 299	.3	.3	—	—	—	—	.2	—	—	.2	.2	.1	—
300 to 399	1.7	.8	.9	—	—	—	.2	—	.1	.2	.5	.6	.2
400 to 499	1.7	1.4	.3	—	.7	—	—	.1	—	—	.2	1.2	—
500 to 599	2.0	1.4	.6	—	.2	—	—	.7	.5	.2	.3	.9	.2
600 to 699	1.0	.8	.2	—	—	.2	—	.2	.2	—	—	.6	.2
700 to 799	2.7	2.4	.3	.3	—	—	—	.5	.5	.1	.3	1.6	.2
800 to 899	1.2	1.2	—	—	—	—	.2	.3	—	—	—	1.1	—
900 to 999	1.4	1.2	.1	—	—	—	—	.5	.1	.3	.4	.6	.2
1,000 to 1,499	.6	.6	—	.3	—	—	—	.3	—	—	—	.3	.2
1,500 or more	3.5	3.3	.2	—	—	—	—	2.1	.2	.3	1.0	1.4	.4
Not reported	1.2	1.2	—	—	—	—	—	.8	.2	.3	.7	.3	.2
<b>Median</b>	<b>3.0</b>	<b>2.5</b>	<b>.5</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>4</b>	<b>.7</b>	<b>.1</b>	<b>.2</b>	<b>1.9</b>	<b>.4</b>

<sup>1</sup>See back cover for details.

<sup>2</sup>Does not include cooperatives or condominiums.



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

[Numbers in thousands. **Consistent with Census 2000.** ... 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 <sup>1</sup>		
		Owner	Renter	New construction 4 years	Manufactured/mobile homes	Physical problems		Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three
						Severe	Moderate						
<b>Primary Source of Water</b>													
Public system or private company .....	29.0	17.8	11.2	.8	1.5	.7	1.1	5.6	4.6	3.2	6.3	17.0	1.5
Well serving 1 to 5 units .....	.7	.7	—	.2	—	.2	—	.2	.2	.2	—	—	.7
Drilled .....	.7	.7	—	.2	—	.2	—	.2	.2	.2	—	—	.7
Dug .....	—	—	—	—	—	—	—	—	—	—	—	—	—
Not reported .....	—	—	—	—	—	—	—	—	—	—	—	—	—
Other .....	—	—	—	—	—	—	—	—	—	—	—	—	—
<b>Safety of Primary Source of Water</b>													
Selected primary water sources <sup>3</sup> .....	29.7	18.5	11.2	1.0	1.5	.9	1.1	5.8	4.7	3.4	6.3	17.0	2.2
Safe to drink .....	23.4	14.8	8.6	.8	1.2	.5	.8	5.0	3.6	2.6	5.6	13.2	1.8
Not safe to drink .....	6.2	3.6	2.6	.2	.3	.4	.3	.8	1.1	.8	.8	3.6	.4
Safety not reported .....	.2	.2	—	—	—	—	—	—	—	—	—	.2	—
<b>Source of Drinking Water</b>													
Primary source not safe to drink .....	6.2	3.6	2.6	.2	.3	.4	.3	.8	1.1	.8	.8	3.6	.4
Drinking and primary water source the same .....	.2	.2	—	—	—	—	—	.2	—	.2	.2	—	—
Public or private system .....	.2	.2	—	—	—	—	—	.2	—	.2	.2	—	—
Individual well .....	—	—	—	—	—	—	—	—	—	—	—	—	—
Spring .....	—	—	—	—	—	—	—	—	—	—	—	—	—
Cistern .....	—	—	—	—	—	—	—	—	—	—	—	—	—
Stream or lake .....	—	—	—	—	—	—	—	—	—	—	—	—	—
Other .....	—	—	—	—	—	—	—	—	—	—	—	—	—
Drinking and primary water source different .....	5.8	3.2	2.6	.2	.3	.2	.3	.6	1.1	.6	.6	3.6	.2
Public or private system .....	—	—	—	—	—	—	—	—	—	—	—	—	—
Individual well .....	—	—	—	—	—	—	—	—	—	—	—	—	—
Spring .....	—	—	—	—	—	—	—	—	—	—	—	—	—
Cistern .....	—	—	—	—	—	—	—	—	—	—	—	—	—
Stream or lake .....	—	—	—	—	—	—	—	—	—	—	—	—	—
Commercial bottled water .....	4.7	2.6	2.1	.2	.3	.2	.2	.6	.9	.6	.6	2.8	.2
Other .....	1.1	.6	.5	—	—	—	.2	—	.2	—	—	.8	—
Source of drinking water not reported .....	.2	.2	—	—	—	.2	—	—	—	—	—	—	.2
<b>Means of Sewage Disposal</b>													
Public sewer .....	29.1	17.8	11.2	.8	1.5	.7	1.1	5.8	4.7	3.2	6.3	17.0	1.7
Septic tank, cesspool, chemical toilet .....	.7	.7	—	.2	—	.2	—	—	—	.2	—	—	.5
Other .....	—	—	—	—	—	—	—	—	—	—	—	—	—

<sup>1</sup>See back cover for details.

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

<sup>3</sup>Excludes units where primary source of water is commercial bottled water.

**Table 6-5. Fuels—Occupied Units With Hispanic Householder**

[Numbers in thousands. Consistent with Census 2000. ... 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 <sup>1</sup>		
		Owner	Renter	New construction 4 years	Manufactured/mobile homes	Physical problems		Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three
						Severe	Moderate						
<b>Total</b>	<b>29.7</b>	<b>18.5</b>	<b>11.2</b>	<b>1.0</b>	<b>1.5</b>	<b>.9</b>	<b>1.1</b>	<b>5.8</b>	<b>4.7</b>	<b>3.4</b>	<b>6.3</b>	<b>17.0</b>	<b>2.2</b>
<b>Main House Heating Fuel</b>													
Housing units with heating fuel	29.7	18.5	11.2	1.0	1.5	.9	1.1	5.8	4.7	3.4	6.3	17.0	2.2
Electricity	17.9	10.0	7.9	1.0	1.2	.5	.5	2.0	3.7	2.1	2.0	11.5	1.8
Piped gas	11.3	8.5	2.9	—	.3	.2	.6	3.8	1.1	1.2	4.0	5.3	.4
Bottled gas	—	—	—	—	—	—	—	—	—	—	—	—	—
Fuel oil	—	—	—	—	—	—	—	—	—	—	—	—	—
Kerosene or other liquid fuel	.5	—	.5	—	—	.2	—	—	—	—	.3	.2	—
Coal or coke	—	—	—	—	—	—	—	—	—	—	—	—	—
Wood	—	—	—	—	—	—	—	—	—	—	—	—	—
Solar energy	—	—	—	—	—	—	—	—	—	—	—	—	—
Other	—	—	—	—	—	—	—	—	—	—	—	—	—
<b>Other House Heating Fuels<sup>2</sup></b>													
With other heating fuel	4.7	3.8	.9	—	—	.5	.5	1.2	.5	.5	1.4	2.1	.7
Electricity	1.7	1.3	.4	—	—	.5	.2	.3	.3	.5	.5	.6	.6
Piped gas	2.2	1.8	.3	—	—	—	.5	.8	—	.2	1.1	.9	—
Bottled gas	—	—	—	—	—	—	—	—	—	—	—	—	—
Fuel oil	.2	—	.2	—	—	—	—	—	—	—	—	.2	—
Kerosene or other liquid fuel	—	—	—	—	—	—	—	—	—	—	—	—	—
Coal or coke	—	—	—	—	—	—	—	—	—	—	—	—	—
Wood	1.0	.8	.2	—	—	.2	—	.2	.2	.2	—	.6	.4
Solar energy	—	—	—	—	—	—	—	—	—	—	—	—	—
Other	.3	.2	.2	—	—	—	—	—	—	—	—	.2	—
<b>Cooking Fuel</b>													
With cooking fuel	29.7	18.5	11.2	1.0	1.5	.9	1.1	5.8	4.7	3.4	6.3	17.0	2.2
Electricity	16.3	8.5	7.8	1.0	.5	.4	.5	2.0	3.4	1.9	1.9	10.3	1.6
Piped gas	13.0	9.7	3.3	—	1.0	.3	.6	3.8	1.4	1.5	4.3	6.7	.4
Bottled gas	.2	.2	—	—	—	—	—	—	—	—	—	—	.2
Kerosene or other liquid fuel	—	—	—	—	—	—	—	—	—	—	—	—	—
Coal or coke	—	—	—	—	—	—	—	—	—	—	—	—	—
Wood	—	—	—	—	—	—	—	—	—	—	—	—	—
Solar energy	—	—	—	—	—	—	—	—	—	—	—	—	—
Other	.3	.2	.2	—	—	.2	—	—	—	—	.2	—	—
<b>Water Heating Fuel</b>													
With hot piped water	29.6	18.5	11.1	1.0	1.5	.7	1.1	5.8	4.7	3.4	6.2	17.0	2.2
Electricity	14.9	7.7	7.2	1.0	.8	.4	.5	1.4	3.2	2.0	1.3	9.6	1.8
Piped gas	14.2	10.3	3.8	—	.7	.3	.6	4.1	1.6	1.4	4.9	7.4	.2
Bottled gas	.3	.3	—	—	—	—	—	.3	—	—	—	—	—
Fuel oil	—	—	—	—	—	—	—	—	—	—	—	—	—
Kerosene or other liquid fuel	—	—	—	—	—	—	—	—	—	—	—	—	—
Coal or coke	—	—	—	—	—	—	—	—	—	—	—	—	—
Wood	—	—	—	—	—	—	—	—	—	—	—	—	—
Solar energy	—	—	—	—	—	—	—	—	—	—	—	—	—
Other	.2	.2	—	—	—	—	—	—	—	—	—	—	.2
<b>Central Air Conditioning Fuel</b>													
With central air conditioning	24.6	15.6	9.0	1.0	.6	.4	.5	4.7	4.3	2.1	3.7	15.3	1.6
Electricity	23.7	15.2	8.5	1.0	.6	.4	.5	4.3	4.0	2.1	3.3	14.7	1.6
Piped gas	.9	.5	.4	—	—	—	—	.3	.3	—	.3	.6	—
Other	—	—	—	—	—	—	—	—	—	—	—	—	—
<b>Other Central Air Fuel</b>													
With other central air	2.3	1.9	.3	—	—	—	.2	.2	.2	.2	.6	1.1	.2
Electricity	2.1	1.8	.3	—	—	—	.2	.2	.2	.2	.6	1.0	.2
Gas	.2	.2	—	—	—	—	—	—	—	—	—	.2	—
Other	—	—	—	—	—	—	—	—	—	—	—	—	—
<b>Clothes Dryer Fuel</b>													
With clothes dryer	24.4	18.1	6.4	.7	1.5	.6	.6	5.5	3.5	2.6	4.9	13.4	2.0
Electricity	13.7	9.3	4.4	.5	1.2	.6	.3	1.9	2.7	1.8	2.3	7.4	1.7
Piped gas	10.4	8.5	1.9	.2	.3	—	.3	3.4	.8	.7	2.6	5.9	.2
Other	.3	.3	—	—	—	—	—	.2	—	—	—	—	.2
<b>Units Using Each Fuel<sup>2</sup></b>													
Electricity	29.6	18.5	11.1	1.0	1.5	.7	1.1	5.8	4.7	3.4	6.2	17.0	2.2
Piped gas	17.9	13.6	4.3	.2	1.0	.3	.6	5.1	2.2	1.8	5.2	9.5	.6
Bottled gas	.5	.5	—	—	—	—	—	.3	—	—	—	—	.2
Fuel oil	2.6	1.7	.8	—	.2	—	—	.4	—	.4	.3	1.8	.2
Kerosene or other liquid fuel	.5	—	.5	—	—	.2	—	—	—	—	.3	.2	—
Coal or coke	—	—	—	—	—	—	—	—	—	—	—	—	—
Wood	1.0	.8	.2	—	—	.2	—	.2	.2	.2	—	.6	.4
Solar energy	—	—	—	—	—	—	—	—	—	—	—	—	—
Other	.8	.5	.3	—	—	.2	—	—	—	—	.2	.2	.4
All electric units	11.2	4.7	6.4	.8	.5	.4	.5	.4	2.6	1.5	1.0	7.5	1.5

<sup>1</sup>See back cover for details.

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

**Table 6-6. Failures in Equipment—Occupied Units With Hispanic Householder**

[Numbers in thousands. Consistent with Census 2000. ... 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 <sup>1</sup>		
		Owner	Renter	New construction 4 years	Manufactured/mobile homes	Physical problems		Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three
						Severe	Moderate						
<b>Total</b> .....	<b>29.7</b>	<b>18.5</b>	<b>11.2</b>	<b>1.0</b>	<b>1.5</b>	<b>.9</b>	<b>1.1</b>	<b>5.8</b>	<b>4.7</b>	<b>3.4</b>	<b>6.3</b>	<b>17.0</b>	<b>2.2</b>
<b>Water Supply Stoppage</b>													
With hot and cold piped water .....	29.6	18.5	11.1	1.0	1.5	.7	1.1	5.8	4.7	3.4	6.2	17.0	2.2
No stoppage in last 3 months .....	27.8	17.2	10.6	1.0	1.2	.5	1.1	5.6	4.1	3.2	6.0	16.4	1.7
With stoppage in last 3 months .....	1.6	1.2	.5	—	.3	.2	—	.2	.6	.2	.2	.5	.5
No stoppage lasting 6 hours or more .....	.3	.2	.1	—	—	—	—	.2	.1	—	.2	—	—
1 time lasting 6 hours or more .....	.5	.4	.2	—	—	—	—	—	.2	—	—	.2	.4
2 times .....	.2	.2	—	—	—	.2	—	—	—	.2	—	—	.2
3 times .....	—	—	—	—	—	—	—	—	—	—	—	—	—
4 times or more .....	.6	.4	.1	—	.3	—	—	—	.3	—	—	.3	—
Number of times not reported .....	—	—	—	—	—	—	—	—	—	—	—	—	—
Stoppage not reported .....	.2	.2	—	—	—	—	—	—	—	—	—	.2	—
<b>Flush Toilet Breakdowns</b>													
With one or more flush toilets .....	29.7	18.5	11.2	1.0	1.5	.9	1.1	5.8	4.7	3.4	6.3	17.0	2.2
With at least one working toilet at all times in last 3 months .....	28.6	17.9	10.8	1.0	1.5	.7	1.0	5.6	4.7	3.1	6.0	16.2	2.2
None working some time in last 3 months .....	.8	.5	.3	—	—	—	.2	.2	—	.3	.2	.6	—
No breakdowns lasting 6 hours or more .....	.3	.3	—	—	—	—	—	.2	—	.1	—	.3	—
1 time lasting 6 hours or more .....	.3	—	.3	—	—	—	.2	—	—	.2	.2	.1	—
2 times .....	.1	.1	—	—	—	—	—	—	—	—	—	.1	—
3 times .....	—	—	—	—	—	—	—	—	—	—	—	—	—
4 times or more .....	—	—	—	—	—	—	—	—	—	—	—	—	—
Number of times not reported .....	—	—	—	—	—	—	—	—	—	—	—	—	—
Breakdowns not reported .....	.3	.2	.2	—	—	.2	—	—	—	—	.2	.2	—
<b>Sewage Disposal Breakdowns</b>													
With public sewer .....	29.1	17.8	11.2	.8	1.5	.7	1.1	5.8	4.7	3.2	6.3	17.0	1.7
No breakdowns in last 3 months .....	28.1	17.3	10.7	.8	1.5	.7	1.0	5.6	4.7	2.9	6.3	16.2	1.5
With breakdowns in last 3 months .....	1.0	.5	.5	—	—	—	.2	.2	—	.3	—	.8	.2
No breakdowns lasting 6 hours or more .....	.6	.5	.2	—	—	—	—	.2	—	.3	—	.5	.2
1 time lasting 6 hours or more .....	.2	—	.2	—	—	—	—	—	—	—	—	.2	—
2 times .....	.2	—	.2	—	—	—	.2	—	—	—	—	.2	—
3 times .....	—	—	—	—	—	—	—	—	—	—	—	—	—
4 times or more .....	—	—	—	—	—	—	—	—	—	—	—	—	—
With septic tank or cesspool .....	.7	.7	—	.2	—	.2	—	—	—	.2	—	—	.5
No breakdowns in last 3 months .....	.7	.7	—	.2	—	.2	—	—	—	.2	—	—	.5
With breakdowns in last 3 months .....	—	—	—	—	—	—	—	—	—	—	—	—	—
No breakdowns lasting 6 hours or more .....	—	—	—	—	—	—	—	—	—	—	—	—	—
1 time lasting 6 hours or more .....	—	—	—	—	—	—	—	—	—	—	—	—	—
2 times .....	—	—	—	—	—	—	—	—	—	—	—	—	—
3 times .....	—	—	—	—	—	—	—	—	—	—	—	—	—
4 times or more .....	—	—	—	—	—	—	—	—	—	—	—	—	—
<b>Heating Problems</b>													
With heating equipment and occupied last winter .....	27.4	17.8	9.6	.8	1.2	.9	1.1	5.8	2.4	3.0	5.7	15.8	2.2
Not uncomfortably cold for 24 hours or more last winter .....	25.0	16.5	8.5	.8	1.2	.2	1.0	5.6	1.9	2.4	5.0	14.5	1.8
Uncomfortably cold for 24 hours or more last winter <sup>2</sup> .....	2.2	1.1	1.1	—	—	.7	.2	.1	.5	.6	.7	1.1	.4
Equipment breakdowns .....	1.3	.7	.6	—	—	.7	—	—	.5	.3	.2	.6	.4
No breakdowns lasting 6 hours or more .....	.3	.1	.2	—	—	—	—	—	—	—	—	.1	—
1 time lasting 6 hours or more .....	.3	.1	.2	—	—	—	—	—	—	—	.2	.2	—
2 times .....	.2	—	.2	—	—	—	—	—	.2	—	—	.2	—
3 times .....	.2	—	.2	—	—	.2	—	—	—	.2	—	.2	—
4 times or more .....	.5	.4	.1	—	—	.5	—	—	.1	.1	—	.3	.2
Number of times not reported .....	.1	—	.1	—	—	—	—	—	.1	.1	—	—	—
Other causes .....	1.0	.4	.6	—	—	.1	.2	.1	.1	.4	.5	.6	—
Utility interruption .....	—	—	—	—	—	—	—	—	—	—	—	—	—
Inadequate heating capacity .....	.5	.1	.3	—	—	—	.2	—	—	.2	.3	.1	—
Inadequate insulation .....	—	—	—	—	—	—	—	—	—	—	—	—	—
Cost of heating .....	.1	.1	—	—	—	—	—	.1	—	.1	—	.1	—
Other .....	.4	.1	.3	—	—	.1	—	—	.1	.1	.2	.3	—
Not reported .....	—	—	—	—	—	—	—	—	—	—	—	—	—
Reason for discomfort not reported .....	—	—	—	—	—	—	—	—	—	—	—	—	—
Discomfort not reported .....	.2	.2	—	—	—	—	—	—	—	—	—	.2	—
<b>Electric Fuses and Circuit Breakers</b>													
With electrical wiring .....	29.6	18.5	11.1	1.0	1.5	.7	1.1	5.8	4.7	3.4	6.2	17.0	2.2
No fuses or breakers blown in last 3 months .....	25.9	15.8	10.1	1.0	1.2	.3	1.0	5.1	4.4	2.9	5.2	15.7	1.3
With fuses or breakers blown in last 3 months .....	2.7	2.0	.7	—	.3	.4	.2	.5	.3	.3	.7	.8	.7
1 time .....	1.0	.6	.3	—	—	—	.2	.3	—	.2	.3	.5	—
2 times .....	.6	.6	—	—	—	.2	—	—	—	—	—	—	.6
3 times .....	.4	—	.4	—	—	—	—	—	—	—	.2	.2	—
4 times or more .....	.5	.5	—	—	—	.2	—	.2	—	.2	.2	.1	.2
Number of times not reported .....	.3	.3	—	—	.3	—	—	—	.3	—	—	—	—
Problem not reported or don't know .....	1.0	.7	.3	—	—	—	—	.2	—	.2	.3	.5	.2

<sup>1</sup>See back cover for details.

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

Table 6-7. **Additional Indicators of Housing Quality—Occupied Units With Hispanic Householder**

[Numbers in thousands. Consistent with Census 2000. ... 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 <sup>1</sup>		
		Owner	Renter	New construction 4 years	Manu- factured/ mobile homes	Physical problems		Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three
						Severe	Moderate						
<b>Total</b> .....	<b>29.7</b>	<b>18.5</b>	<b>11.2</b>	<b>1.0</b>	<b>1.5</b>	<b>.9</b>	<b>1.1</b>	<b>5.8</b>	<b>4.7</b>	<b>3.4</b>	<b>6.3</b>	<b>17.0</b>	<b>2.2</b>
<b>Selected Amenities<sup>2</sup></b>													
Porch, deck, balcony, or patio .....	22.4	14.5	7.8	.8	.8	.7	1.1	4.6	3.6	2.6	5.2	11.4	1.8
Telephone available .....	27.5	17.4	10.0	1.0	1.5	.7	1.0	5.6	4.1	3.2	5.5	15.9	2.0
Usable fireplace .....	6.0	5.3	.6	.7	—	.2	.2	.8	.7	.3	.6	4.0	.7
Separate dining room .....	14.8	10.5	4.3	.2	.2	.2	.6	3.6	1.6	2.1	2.4	8.8	1.3
With 2 or more living rooms or recreation rooms, etc. ....	7.3	6.9	.5	.3	.3	—	.3	2.0	.6	.9	1.6	4.1	.2
Garage or carport included with home .....	14.6	12.1	2.5	.5	.3	.6	.5	4.7	1.8	1.4	3.3	7.6	1.3
Not included .....	15.1	6.4	8.7	.5	1.2	.3	.7	1.1	3.0	1.9	3.1	9.4	.9
Off-street parking included .....	13.7	5.6	8.0	.5	1.2	.1	.7	.9	2.8	1.9	1.8	9.4	.9
Off-street parking not reported .....	—	—	—	—	—	—	—	—	—	—	—	—	—
Garage or carport not reported .....	—	—	—	—	—	—	—	—	—	—	—	—	—
<b>Cars and Trucks Available<sup>2</sup></b>													
No cars, trucks, or vans .....	2.2	.6	1.5	—	.3	.1	—	.5	.6	.5	.9	1.1	.2
Other households without cars .....	6.7	4.7	2.0	.2	.3	.4	.2	1.0	1.2	.6	.8	4.4	.7
1 car with or without trucks or vans .....	13.2	8.6	4.6	.5	.8	.3	.7	3.3	1.3	1.3	3.0	7.3	.9
2 cars .....	7.2	4.1	3.1	.3	—	—	.3	1.1	1.6	1.0	1.4	4.2	.4
3 or more cars .....	.5	.5	—	—	—	—	—	—	—	—	.3	—	—
With cars, no trucks or vans .....	11.7	6.5	5.2	.7	.5	.2	.3	2.4	2.5	1.0	2.5	6.0	1.1
1 truck or van with or without cars .....	11.8	8.5	3.3	.3	.3	.6	.5	2.3	1.0	1.6	2.6	6.9	.9
2 or more trucks or vans .....	4.0	2.9	1.1	—	.3	—	.3	.6	.7	.3	.3	2.9	—
<b>Owner or Manager on Property</b>													
Rental, multiunit <sup>3</sup> .....	7.2	...	7.2	.3	...	.1	.7	—	2.1	1.1	1.5	5.3	.2
Owner or manager lives on property .....	1.0	...	1.0	—	...	—	.2	—	.3	.2	.2	.8	—
Neither owner nor manager lives on property .....	6.2	...	6.2	.3	...	.1	.5	—	1.8	1.0	1.3	4.5	.2
<b>Selected Deficiencies<sup>2</sup></b>													
Signs of rats in last 3 months .....	.6	.3	.3	—	—	—	.3	.1	—	.3	.3	.3	—
Signs of mice in last 3 months .....	.9	.6	.3	—	—	.2	.2	.2	—	.2	.6	.3	—
Signs of rodents, not sure which kind in last 3 months .....	—	—	—	—	—	—	—	—	—	—	—	—	—
Holes in floors .....	—	—	—	—	—	—	—	—	—	—	—	—	—
Open cracks or holes (interior) .....	1.8	1.0	.8	—	—	.4	.3	—	.3	.3	.5	.8	.4
Broken plaster or peeling paint (interior) .....	1.2	.7	.5	—	—	.4	.5	—	.2	.2	—	.8	.4
No electrical wiring .....	.2	—	.2	—	—	.2	—	—	—	—	.2	—	—
Exposed wiring .....	.8	.5	.3	—	.3	.2	.2	—	—	.2	.2	.5	.2
Rooms without electric outlets .....	1.0	.5	.5	—	.3	.2	.2	—	—	.2	—	.8	.2
<b>Water Leakage During Last 12 Months</b>													
No leakage from inside structure .....	27.6	17.5	10.1	1.0	1.5	.5	.7	5.6	4.4	3.2	5.9	15.5	2.0
With leakage from inside structure <sup>2</sup> .....	2.0	.8	1.1	—	—	.4	.5	.2	.3	.2	.5	1.3	.2
Fixtures backed up or overflowed .....	1.0	.5	.5	—	—	.2	.5	.2	.2	.2	.3	.5	.2
Pipes leaked .....	.3	.2	.2	—	—	.2	—	—	—	—	.2	—	—
Broken water heater .....	.6	.2	.5	—	—	—	—	.2	—	—	—	.6	—
Other or unknown (includes not reported) .....	.2	.2	—	—	—	—	—	—	.2	—	—	.2	—
Interior leakage not reported .....	26.9	17.5	9.4	1.0	1.5	.5	.7	5.6	4.7	3.0	5.8	15.2	1.6
No leakage from outside structure .....	2.7	.9	1.8	—	—	.4	.5	.2	.3	.3	.5	1.6	.6
With leakage from outside structure <sup>2</sup> .....	2.1	.5	1.6	—	—	.2	.5	.2	.3	.3	.5	1.4	.2
Roof .....	—	—	—	—	—	—	—	—	—	—	—	—	—
Basement .....	—	—	—	—	—	—	—	—	—	—	—	—	—
Walls, closed windows, or doors .....	.4	—	.4	—	—	—	.2	—	—	.2	.4	—	—
Other or unknown (includes not reported) .....	.5	.4	.2	—	—	.2	—	—	—	—	—	.2	.4
Exterior leakage not reported .....	.2	.2	—	—	—	—	—	—	—	—	—	.2	—
<b>Overall Opinion of Structure</b>													
1 (worst) .....	.3	—	.3	—	—	.2	—	—	—	—	.2	.2	—
2 .....	.2	—	.2	—	—	—	.2	—	—	.2	.2	—	—
3 .....	.2	—	.2	—	—	—	—	—	—	—	.2	—	—
4 .....	.2	—	.2	—	—	—	—	—	.2	—	—	—	—
5 .....	.7	.4	.3	—	.3	.1	—	—	.4	.1	—	.4	—
6 .....	1.6	.6	.9	—	.7	.2	—	.2	.3	.2	.2	1.2	.2
7 .....	4.7	2.1	2.6	.2	.7	.2	.5	.3	.3	.3	.8	3.3	.2
8 .....	8.1	4.6	3.5	.2	.3	—	.3	2.0	.8	1.1	1.8	5.2	.4
9 .....	4.7	3.3	1.4	.3	—	—	.9	.8	.8	.5	.8	2.7	.2
10 (best) .....	8.7	7.1	1.6	.3	.2	.2	.2	2.4	2.1	1.2	2.4	3.5	1.3
Not reported .....	.3	.3	—	—	—	—	—	—	—	—	—	.2	—
<b>Selected Physical Problems</b>													
Severe physical problems <sup>2</sup> .....	.9	.6	.3	—	—	.9	...	—	.1	.3	.2	.3	.4
Plumbing .....	.2	—	.2	—	—	.2	...	—	—	—	.2	—	—
Heating .....	.7	.6	.1	—	—	.7	...	—	.1	.3	—	.3	.4
Electric .....	.2	—	.2	—	—	.2	...	—	—	—	.2	—	—
Upkeep .....	—	—	—	—	—	—	...	—	—	—	—	—	—
Hallways .....	—	—	—	—	—	—	...	—	—	—	—	—	—
Moderate physical problems <sup>2</sup> .....	1.1	.3	.8	—	—	...	1.1	—	—	.3	.7	.5	—
Plumbing .....	—	—	—	—	—	...	—	—	—	—	—	—	—
Heating .....	.3	.2	.2	—	—	...	.3	—	—	.2	.3	—	—
Upkeep .....	.7	.2	.5	—	—	...	.7	—	—	.2	.2	.5	—
Hallways .....	.2	—	.2	—	—	...	.2	—	—	—	.2	—	—
Kitchen .....	—	—	—	—	—	...	—	—	—	—	—	—	—

<sup>1</sup>See back cover for details.

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

<sup>3</sup>Two or more units of any tenure in the structure.







**Table 6-8. Neighborhood—Occupied Units With Hispanic Householder—Con.**

[Numbers in thousands. Consistent with Census 2000. ... 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 <sup>1</sup>		
		Owner	Renter	New construction 4 years	Manufactured/mobile homes	Physical problems		Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three
						Severe	Moderate						
<b>Bars on Windows of Buildings Within 300 Feet</b>													
No bars on windows .....	24.1	16.1	8.0	1.0	1.5	.7	1.0	5.2	3.6	2.4	3.4	14.5	2.2
1 building with bars .....	.3	—	.3	—	—	—	—	—	.3	.2	—	.3	—
2 or more buildings with bars .....	4.2	1.9	2.3	—	—	.2	—	.6	.3	.5	2.2	1.8	—
No buildings .....	.2	—	.2	—	—	—	—	—	.2	.2	.2	—	—
Not reported .....	1.0	.5	.5	—	—	—	.2	—	.3	.2	.5	.3	—
<b>Condition of Streets Within 300 Feet</b>													
No repairs needed .....	11.9	7.9	4.0	.7	.7	.4	.5	1.9	2.2	1.3	1.8	8.6	.5
Minor repairs needed .....	13.3	7.9	5.4	.1	.5	.3	.5	2.8	1.9	1.1	2.6	7.1	1.1
Major repairs needed .....	4.4	2.5	1.8	.2	.3	.2	.2	1.1	.7	1.0	2.0	1.3	.5
No streets .....	—	—	—	—	—	—	—	—	—	—	—	—	—
Not reported .....	.2	.2	—	—	—	—	—	—	—	—	—	—	—
<b>Trash, Litter, or Junk on Streets or Any Properties Within 300 Feet</b>													
None .....	25.7	16.9	8.8	.8	.9	.7	.6	5.8	4.0	3.1	5.3	15.4	1.8
Minor accumulation .....	2.9	.9	2.0	—	.6	.1	.5	—	.8	.3	.7	1.3	—
Major accumulation .....	.9	.4	.5	.2	—	—	—	—	—	—	.3	.1	.4
Not reported .....	.3	.3	—	—	—	—	—	—	—	—	—	.2	—
<b>Parking Lots<sup>2</sup></b>													
With parking lots .....	6.3	1.3	5.0	.3	—	.3	.5	—	1.3	.5	.9	5.4	—
Residents only .....	5.0	.5	4.5	.3	—	.1	.4	—	1.3	.5	.3	4.6	—
Shoppers or workers only .....	2.1	.5	1.6	.1	—	—	.2	—	.2	—	.3	1.8	—
Anyone .....	1.5	.3	1.1	.1	—	.2	—	—	.2	—	.2	1.3	—
Kind not reported .....	—	—	—	—	—	—	—	—	—	—	—	—	—
No parking lots within 300 Feet .....	23.1	16.9	6.2	.7	1.5	.6	.6	5.8	3.5	2.9	5.5	11.4	2.2
Parking lot not reported .....	.3	.3	—	—	—	—	—	—	—	—	—	.2	—
<b>Manufactured/Mobile Homes in Group</b>													
Manufactured/mobile homes .....	1.5	1.5	—	—	1.5	—	—	.2	.3	.2	—	.7	.2
1 to 6 .....	.3	.3	—	—	.3	—	—	—	—	—	—	.3	—
7 to 20 .....	.6	.6	—	—	.6	—	—	—	.3	—	—	—	—
21 or more .....	.5	.5	—	—	.5	—	—	.2	—	.2	—	.3	—

<sup>1</sup>See back cover for details.

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

<sup>3</sup>Limited to single attached and multiunits.





**Table 6-10. Previous Unit of Recent Movers—Occupied Units With Hispanic Householder**

[Numbers in thousands. Consistent with Census 2000. ... 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 <sup>1</sup>		
		Owner	Renter	New construction 4 years	Manufactured/mobile homes	Physical problems		Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three
						Severe	Moderate						
<b>HOUSEHOLDER MOVED DURING PAST YEAR FROM WITHIN THE UNITED STATES.</b>													
<b>Total</b> .....	<b>4.7</b>	<b>1.6</b>	<b>3.1</b>	<b>.3</b>	<b>.3</b>	<b>.1</b>	<b>–</b>	<b>.2</b>	<b>4.7</b>	<b>.6</b>	<b>.8</b>	<b>2.6</b>	<b>.4</b>
<b>Structure Type of Previous Residence</b>													
Moved from within the United States .....	4.7	1.6	3.1	.3	.3	.1	–	.2	4.7	.6	.8	2.6	.4
House .....	2.1	1.0	1.1	.2	–	–	–	.2	2.1	.2	.2	1.2	.4
Apartment .....	2.0	.3	1.7	.2	–	.1	–	–	2.0	.3	.5	1.2	–
Manufactured/mobile home .....	.3	.3	–	–	.3	–	–	–	.3	–	–	–	–
Other .....	.2	–	.2	–	–	–	–	–	.2	.2	.2	–	–
Not reported .....	.2	–	.2	–	–	–	–	–	.2	–	–	.2	–
<b>Tenure of Previous Residence</b>													
House, apartment, manufactured/mobile home in the United States .....	4.4	1.6	2.8	.3	.3	.1	–	.2	4.4	.5	.6	2.4	.4
Owner occupied .....	.9	.3	.6	–	–	–	–	–	.9	.2	.2	.8	–
Renter occupied .....	3.4	1.3	2.1	.3	.3	.1	–	.2	3.4	.3	.5	1.7	.4
<b>Persons – Previous Residence</b>													
House, apartment, manufactured/mobile home in the United States .....	4.4	1.6	2.8	.3	.3	.1	–	.2	4.4	.5	.6	2.4	.4
1 person .....	1.1	.5	.6	–	.3	–	–	–	1.1	–	.5	.3	–
2 persons .....	1.1	.3	.8	.2	–	–	–	.2	1.1	–	–	.8	.2
3 persons .....	1.0	.7	.3	.2	–	.1	–	–	1.0	.1	.2	.3	.2
4 persons .....	.8	.2	.6	–	–	–	–	–	.8	.3	–	.8	–
5 persons .....	.2	–	.2	–	–	–	–	–	.2	–	–	.2	–
6 persons .....	.2	–	.2	–	–	–	–	–	.2	–	–	–	–
7 persons or more .....	–	–	–	–	–	–	–	–	–	–	–	–	–
Not reported .....	.2	–	.2	–	–	–	–	–	.2	–	–	.2	–
<b>Previous Home Owned or Rented by Someone Who Moved Here</b>													
House, apartment, manufactured/mobile home in the United States .....	4.4	1.6	2.8	.3	.3	.1	–	.2	4.4	.5	.6	2.4	.4
Owned or rented by a mover .....	4.0	1.6	2.4	.3	.3	.1	–	.2	4.0	.3	.6	2.1	.4
Owned or rented by other .....	.2	–	.2	–	–	–	–	–	.2	.2	–	.2	–
By a relative .....	.2	–	.2	–	–	–	–	–	.2	.2	–	.2	–
By a nonrelative .....	–	–	–	–	–	–	–	–	–	–	–	–	–
Not reported .....	–	–	–	–	–	–	–	–	–	–	–	–	–
Not reported .....	.2	–	.2	–	–	–	–	–	.2	–	–	.2	–
<b>Change in Housing Costs</b>													
House, apartment, manufactured/mobile home in the United States .....	4.4	1.6	2.8	.3	.3	.1	–	.2	4.4	.5	.6	2.4	.4
Increased with move .....	1.7	.7	1.1	–	–	–	–	–	1.7	.2	.1	1.2	.2
Decreased .....	.7	.4	.3	–	.3	.1	–	–	.7	.1	.2	.1	–
Stayed about the same .....	1.6	.3	1.2	.3	–	–	–	.2	1.6	–	.2	.9	.2
Don't know .....	.3	.2	.2	–	–	–	–	–	.3	.2	.2	.2	–
Not reported .....	–	–	–	–	–	–	–	–	–	–	–	–	–

<sup>1</sup>See back cover for details.



Table 6-11. **Reasons for Move and Choice of Current Residence—Occupied Units With Hispanic Householder—Con.**

[Numbers in thousands. **Consistent with Census 2000.** ... 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 <sup>1</sup>		
		Owner	Renter	New construction 4 years	Manu-factured/mobile homes	Physical problems		Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three
						Severe	Moderate						
<b>RESPONDENT MOVED DURING PAST YEAR—Con.</b>													
<b>Main Reason for Choice of Present Home</b>													
All reported reasons equal .....	.8	.3	.5	–	.3	–	–	–	.8	–	.3	–	–
Financial reasons .....	1.1	.3	.8	–	–	.1	–	–	1.1	.5	–	.8	.2
Room layout/design .....	.3	.3	–	.2	–	–	–	–	.3	–	–	.1	.2
Kitchen .....	–	–	–	–	–	–	–	–	–	–	–	–	–
Size .....	.8	.2	.7	.2	–	–	–	–	.8	–	–	.8	–
Exterior appearance .....	.5	.3	.2	–	–	–	–	–	.4	.2	.5	–	–
Yard/trees/view .....	.1	–	.1	–	–	–	–	–	.1	–	–	.1	–
Quality of construction .....	.1	–	.1	–	–	–	–	–	.1	–	.1	–	–
Only one available .....	.2	–	.2	–	–	–	–	–	.2	–	–	.2	–
Other .....	1.1	.5	.6	–	.2	–	–	.4	.9	.2	–	.6	.2
Not reported .....	–	–	–	–	–	–	–	–	–	–	–	–	–
<b>Home Search</b>													
Now in house .....	2.5	1.5	1.0	.2	...	–	–	.2	2.4	.2	.3	1.2	.4
Did not look at apartments .....	2.1	1.3	.8	.2	...	–	–	.2	1.9	.2	.3	1.1	.4
Looked at apartments too .....	.4	.1	.3	–	...	–	–	–	.4	–	–	.1	–
Search not reported .....	–	–	–	–	...	–	–	–	–	–	–	–	–
Now in manufactured/mobile home .....	.5	.5	–	–	.5	–	–	.2	.3	.2	–	–	.2
Did not look at apartments .....	.2	.2	–	–	.2	–	–	.2	–	.2	–	–	.2
Looked at apartments too .....	.3	.3	–	–	.3	–	–	–	.3	–	–	–	–
Search not reported .....	–	–	–	–	...	–	–	–	–	–	–	–	–
Now in apartment .....	2.1	–	2.1	.2	...	.1	–	–	2.1	.5	.7	1.4	–
Did not look at houses .....	1.3	–	1.3	.2	...	.1	–	–	1.3	.3	.2	1.1	–
Looked at houses too .....	.8	–	.8	–	...	–	–	–	.8	.2	.5	.3	–
Search not reported .....	–	–	–	–	...	–	–	–	–	–	–	–	–
<b>Recent Mover Comparison to Previous Home</b>													
Better home .....	3.8	1.6	2.2	.2	.3	–	–	.2	3.6	.3	.7	1.9	.4
Worse home .....	.5	–	.5	–	–	.1	–	–	.5	.3	–	.5	.2
About the same .....	.8	.4	.5	.2	.2	–	–	.2	.6	.2	.3	.3	.2
Not reported .....	–	–	–	–	–	–	–	–	–	–	–	–	–
<b>Recent Mover Comparison to Previous Neighborhood</b>													
Better neighborhood .....	2.4	.7	1.7	.2	–	–	–	–	2.2	.3	.7	1.1	.2
Worse neighborhood .....	.9	.3	.7	–	.3	–	–	–	.9	.2	–	.5	–
About the same .....	1.6	1.0	.6	.2	.2	.1	–	.4	1.4	.3	.3	.9	.4
Same neighborhood .....	.2	–	.2	–	–	–	–	–	.2	–	–	.2	–
Not reported .....	–	–	–	–	–	–	–	–	–	–	–	–	–

<sup>1</sup>See back cover for details.

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









Table 6-13. **Selected Housing Costs—Occupied Units With Hispanic Householder—Con.**

[Numbers in thousands. Consistent with Census 2000. ... 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 <sup>1</sup>				
		Owner	Renter	New construction 4 years	Manufactured/mobile homes	Physical problems		Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three		
						Severe	Moderate								
<b>OWNER OCCUPIED UNITS—Con.</b>															
<b>Government Subsidy for Repairs</b>															
Units with major repairs in the last 2 years .....	11.7	11.7	...	.3	1.2	.4	.3	3.4	1.3	1.1	1.8	6.6	1.5		
Received low-interest loan or grant .....	–	–	...	–	–	–	–	–	–	–	–	–	–		
No low-interest loan or grant .....	11.6	11.6	...	.3	1.2	.4	.3	3.4	1.3	1.1	1.8	6.5	1.5		
Not reported .....	.1	.1	...	–	–	–	–	–	–	–	–	.1	–		

<sup>1</sup>See back cover for details.

<sup>2</sup>Beginning with 1989, this item uses current income in its calculation, see Appendix A.

<sup>3</sup>May reflect a temporary situation, living off savings, or response error.



Table 6-14. **Value, Purchase Price, and Source of Down Payment—Owner Occupied Units With Hispanic Householder—Con.**

[Numbers in thousands. **Consistent with Census 2000.** ... 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 <sup>1</sup>		
		Owner	Renter	New construction 4 years	Manufactured/mobile homes	Physical problems		Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three
						Severe	Moderate						
<b>How Acquired</b>													
First occupant in single family unit built 1990 or later .....	1.0	1.0	...	.7	–	–	–	.2	.2	–	.2	–	.4
Already built .....	.2	.2	...	.2	–	–	–	–	–	–	–	–	–
Sales agreement .....	.5	.5	...	.5	–	–	–	–	.2	–	–	–	.4
Contractor .....	.2	–	...	–	–	–	–	–	–	–	.2	–	–
Built it yourself .....	.2	.2	...	–	–	–	–	–	–	–	–	–	–
Received as inheritance or gift .....	–	–	...	–	–	–	–	–	–	–	–	–	–
Not reported .....	–	–	...	–	–	–	–	–	–	–	–	–	–

<sup>1</sup>See back cover for details.









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

[Numbers in thousands. Consistent with Census 2000. ... 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 <sup>1</sup>		
		Owner	Renter	New construction 4 years	Manufactured/mobile homes	Physical problems		Elderly (65 years and over)	Moved in past year	Below poverty level	Area one	Area two	Area three
						Severe	Moderate						
<b>OWNERS WITH ONE OR MORE HOME-EQUITY LINE-OF-CREDIT MORTGAGES</b>													
<b>Total</b> .....	1.4	1.4	...	–	–	–	.2	.1	–	–	.3	.9	–
<b>Total Home-Equity Line-of-Credit Limit</b>													
Less than \$10,000 .....	–	–	...	–	–	–	–	–	–	–	–	–	–
\$10,000 to \$19,999 .....	.3	.3	...	–	–	–	–	–	–	–	–	.3	–
\$20,000 to \$29,999 .....	.1	.1	...	–	–	–	–	.1	–	–	–	.1	–
\$30,000 to \$39,999 .....	–	–	...	–	–	–	–	–	–	–	–	–	–
\$40,000 to \$49,999 .....	–	–	...	–	–	–	–	–	–	–	–	–	–
\$50,000 to \$59,999 .....	–	–	...	–	–	–	–	–	–	–	–	–	–
\$60,000 to \$69,999 .....	.2	.2	...	–	–	–	.2	–	–	–	–	.2	–
\$70,000 to \$79,999 .....	–	–	...	–	–	–	–	–	–	–	–	–	–
\$80,000 to \$99,999 .....	–	–	...	–	–	–	–	–	–	–	–	–	–
\$100,000 to \$119,999 .....	–	–	...	–	–	–	–	–	–	–	–	–	–
\$120,000 to \$149,999 .....	–	–	...	–	–	–	–	–	–	–	–	–	–
\$150,000 or more .....	.3	.3	...	–	–	–	–	–	–	–	.2	.2	–
Not reported .....	.4	.4	...	–	–	–	–	–	–	–	.1	.2	–
<b>Median</b> .....	...	...	...	...	...	...	...	...	...	...	...	...	...
<b>Total Outstanding Line-of-Credit Loans</b>													
Outstanding loan(s) .....	.3	.3	...	–	–	–	–	.1	–	–	–	.3	–
Less than \$10,000 .....	–	–	...	–	–	–	–	–	–	–	–	–	–
\$10,000 to \$19,999 .....	.1	.1	...	–	–	–	–	.1	–	–	–	.1	–
\$20,000 to \$29,999 .....	–	–	...	–	–	–	–	–	–	–	–	–	–
\$30,000 to \$39,999 .....	–	–	...	–	–	–	–	–	–	–	–	–	–
\$40,000 to \$49,999 .....	–	–	...	–	–	–	–	–	–	–	–	–	–
\$50,000 to \$59,999 .....	–	–	...	–	–	–	–	–	–	–	–	–	–
\$60,000 to \$69,999 .....	–	–	...	–	–	–	–	–	–	–	–	–	–
\$70,000 to \$79,999 .....	–	–	...	–	–	–	–	–	–	–	–	–	–
\$80,000 to \$99,999 .....	–	–	...	–	–	–	–	–	–	–	–	–	–
\$100,000 to \$119,999 .....	–	–	...	–	–	–	–	–	–	–	–	–	–
\$120,000 to \$149,999 .....	–	–	...	–	–	–	–	–	–	–	–	–	–
\$150,000 or more .....	–	–	...	–	–	–	–	–	–	–	–	–	–
Not reported .....	.2	.2	...	–	–	–	–	–	–	–	–	.2	–
<b>Median</b> .....	...	...	...	...	...	...	...	...	...	...	...	...	...
<b>Current Line-of-Credit Interest Rate</b>													
Outstanding loan(s) .....	.3	.3	...	–	–	–	–	.1	–	–	–	.3	–
Less than 6 percent .....	.1	.1	...	–	–	–	–	.1	–	–	–	.1	–
6 to 7.9 percent .....	–	–	...	–	–	–	–	–	–	–	–	–	–
8 to 9.9 percent .....	–	–	...	–	–	–	–	–	–	–	–	–	–
10 to 11.9 percent .....	–	–	...	–	–	–	–	–	–	–	–	–	–
12 to 13.9 percent .....	–	–	...	–	–	–	–	–	–	–	–	–	–
14 to 15.9 percent .....	–	–	...	–	–	–	–	–	–	–	–	–	–
16 to 17.9 percent .....	–	–	...	–	–	–	–	–	–	–	–	–	–
18 to 19.9 percent .....	–	–	...	–	–	–	–	–	–	–	–	–	–
20 percent or more .....	–	–	...	–	–	–	–	–	–	–	–	–	–
Not reported .....	.2	.2	...	–	–	–	–	–	–	–	–	.2	–
<b>Median</b> .....	...	...	...	...	...	...	...	...	...	...	...	...	...
<b>Line-of-Credit Monthly Payment</b>													
Outstanding loan(s) .....	.3	.3	...	–	–	–	–	.1	–	–	–	.3	–
Less than \$100 .....	–	–	...	–	–	–	–	–	–	–	–	–	–
\$100 to \$199 .....	–	–	...	–	–	–	–	–	–	–	–	–	–
\$200 to \$249 .....	–	–	...	–	–	–	–	–	–	–	–	–	–
\$250 to \$299 .....	–	–	...	–	–	–	–	–	–	–	–	–	–
\$300 to \$349 .....	.1	.1	...	–	–	–	–	.1	–	–	–	.1	–
\$350 to \$399 .....	–	–	...	–	–	–	–	–	–	–	–	–	–
\$400 to \$449 .....	–	–	...	–	–	–	–	–	–	–	–	–	–
\$450 to \$499 .....	–	–	...	–	–	–	–	–	–	–	–	–	–
\$500 to \$599 .....	–	–	...	–	–	–	–	–	–	–	–	–	–
\$600 to \$699 .....	–	–	...	–	–	–	–	–	–	–	–	–	–
\$700 to \$799 .....	–	–	...	–	–	–	–	–	–	–	–	–	–
\$800 to \$999 .....	–	–	...	–	–	–	–	–	–	–	–	–	–
\$1,000 or more .....	–	–	...	–	–	–	–	–	–	–	–	–	–
Not reported .....	.2	.2	...	–	–	–	–	–	–	–	–	.2	–
<b>Median</b> .....	...	...	...	...	...	...	...	...	...	...	...	...	...
<b>Line-of-Credit Amount Used for Home Additions, Improvements, or Repairs</b>													
Outstanding loan(s) .....	.3	.3	...	–	–	–	–	.1	–	–	–	.3	–
Yes .....	.2	.2	...	–	–	–	–	–	–	–	–	.2	–
No .....	.1	.1	...	–	–	–	–	.1	–	–	–	.1	–
Not reported .....	–	–	...	–	–	–	–	–	–	–	–	–	–

<sup>1</sup>See back cover for details.  
<sup>2</sup>Regular mortgages include all mortgages not classified as home equity or reverse.  
<sup>3</sup>Figures may not add to total because more than one category may apply to a unit.



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

[Numbers in thousands. **Consistent with Census 2000.** ... 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
<b>OWNER OCCUPIED UNITS</b>										
<b>Total</b> .....	<b>18.5</b>	–	<b>1.1</b>	<b>10.9</b>	<b>6.5</b>	–	<b>.2</b>	<b>3.0</b>	<b>10.7</b>	<b>4.6</b>
<b>Value</b>										
Less than \$10,000 .....	.6	–	–	.6	–	–	–	.3	.3	–
\$10,000 to \$19,999 .....	.9	–	.3	.5	–	–	–	.5	.3	–
\$20,000 to \$29,999 .....	–	–	–	–	–	–	–	–	–	–
\$30,000 to \$39,999 .....	–	–	–	–	–	–	–	–	–	–
\$40,000 to \$49,999 .....	.3	–	.2	.1	–	–	–	.2	.1	–
\$50,000 to \$59,999 .....	.3	–	–	–	.3	–	–	–	.3	–
\$60,000 to \$69,999 .....	.6	–	–	.5	.1	–	–	.1	.3	.1
\$70,000 to \$79,999 .....	.8	–	–	.3	.5	–	–	.1	.4	.2
\$80,000 to \$99,999 .....	3.4	–	.1	2.5	.8	–	–	.5	2.7	.3
\$100,000 to \$119,999 .....	1.9	–	–	1.4	.4	–	–	.1	1.6	.1
\$120,000 to \$149,999 .....	2.9	–	.2	1.6	1.1	–	–	.3	1.8	.8
\$150,000 to \$199,999 .....	4.2	–	.2	2.7	1.4	–	–	.6	2.2	1.4
\$200,000 to \$249,999 .....	1.1	–	–	.4	.6	–	–	.1	.3	.6
\$250,000 to \$299,999 .....	.6	–	–	.1	.5	–	–	–	.3	.3
\$300,000 or more .....	1.0	–	.2	–	.8	–	–	.2	–	.8
<b>Median</b> .....	<b>124 495</b>	...	...	<b>111 893</b>	<b>150 479</b>	...	...	...	<b>110 595</b>	<b>177 951</b>

<sup>1</sup>Does not include cooperatives or condominiums.

**Table 6-18. Square Footage by Household and Unit Size, Income, and Costs—Occupied Units With Hispanic Householder**

[Numbers in thousands. Consistent with Census 2000. .... means not applicable or sample too small. — means zero or rounds to zero]

Characteristics	Size of occupied detached 1-family homes and 1-family manufactured/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
<b>Total</b> .....	<b>20.3</b>	—	<b>2.5</b>	<b>4.1</b>	<b>4.4</b>	<b>3.6</b>	<b>2.7</b>	<b>3.0</b>	<b>1 733</b>
<b>Persons</b>									
1 person .....	2.1	—	.1	.7	.3	.5	.2	.2	...
2 persons .....	9.4	—	1.6	1.8	2.0	1.6	1.1	1.2	1 654
3 persons .....	2.4	—	.3	—	.7	.5	.3	.6	...
4 persons .....	3.2	—	.3	.6	.8	.6	.5	.5	...
5 persons .....	2.1	—	.1	.8	—	.3	.6	.3	...
6 persons .....	.8	—	—	.2	.3	.2	—	.2	...
7 persons or more .....	.3	—	—	—	.3	—	—	—	...
<b>Rooms</b>									
1 room .....	—	—	—	—	—	—	—	—	...
2 rooms .....	—	—	—	—	—	—	—	—	...
3 rooms .....	.5	—	.3	.2	—	—	—	—	...
4 rooms .....	1.0	—	.6	—	—	—	—	.3	...
5 rooms .....	4.3	—	1.1	1.2	.5	.2	.1	1.2	1 197
6 rooms .....	7.4	—	.4	1.7	1.9	1.4	.8	1.2	1 769
7 rooms .....	4.6	—	—	1.0	2.1	.6	.8	.1	1 804
8 rooms .....	1.9	—	—	—	—	1.1	.6	.2	...
9 rooms .....	.2	—	—	—	—	.2	—	—	...
10 rooms or more .....	.6	—	.2	—	—	.2	.3	—	...
<b>Bedrooms</b>									
None .....	—	—	—	—	—	—	—	—	...
1 .....	.6	—	.5	.2	—	—	—	—	...
2 .....	2.6	—	1.1	.4	.3	.1	—	.6	...
3 .....	11.9	—	.8	2.8	3.2	1.8	1.4	2.0	1 715
4 or more .....	5.1	—	.2	.7	.9	1.7	1.3	.3	2 183
<b>Complete Bathrooms</b>									
None .....	—	—	—	—	—	—	—	—	...
1 .....	3.0	—	1.6	.5	.4	—	.2	.3	...
1 1/2 .....	2.9	—	.1	.9	.3	.5	.4	.7	...
2 or more .....	14.4	—	.8	2.7	3.6	3.1	2.1	2.0	1 866
<b>Lot Size<sup>1</sup></b>									
1-unit structures .....	20.3	—	2.5	4.1	4.4	3.6	2.7	3.0	1 733
Less than 1/8 acre .....	5.5	—	1.1	1.0	.9	.3	.8	1.3	1 466
1/8 up to 1/4 acre .....	11.8	—	1.4	2.2	3.1	2.7	1.1	1.2	1 761
1/4 up to 1/2 acre .....	1.4	—	—	.5	.3	.1	.3	.1	...
1/2 up to 1 acre .....	.8	—	—	.2	—	.2	.3	.2	...
1 up to 5 acres .....	.8	—	—	.2	—	—	.3	.1	...
5 up to 10 acres .....	—	—	—	—	—	—	—	—	...
10 acres or more .....	—	—	—	—	—	—	—	—	...
<b>Median</b> .....	<b>.18</b>	...	...	<b>.18</b>	<b>.18</b>	...	...	...	...
<b>Income of Families and Primary Individuals</b>									
Less than \$5,000 .....	1.1	—	.2	.3	.3	.1	.2	—	...
\$5,000 to \$9,999 .....	.3	—	—	—	—	—	.2	.1	...
\$10,000 to \$14,999 .....	1.3	—	.5	.3	.2	—	.3	—	...
\$15,000 to \$19,999 .....	1.0	—	.3	.2	.3	.2	—	—	...
\$20,000 to \$24,999 .....	1.5	—	.2	.4	.1	.2	—	.6	...
\$25,000 to \$29,999 .....	1.5	—	.2	.3	.5	.5	—	—	...
\$30,000 to \$34,999 .....	1.1	—	—	.5	.3	—	.3	—	...
\$35,000 to \$39,999 .....	1.9	—	.1	.3	.6	—	.2	.7	...
\$40,000 to \$49,999 .....	2.9	—	.7	.8	.4	.2	.3	.6	...
\$50,000 to \$59,999 .....	1.9	—	.1	.2	.5	.8	.2	.2	...
\$60,000 to \$79,999 .....	1.9	—	—	.1	.8	.5	—	.5	...
\$80,000 to \$99,999 .....	1.9	—	.1	.6	.1	.8	.2	.2	...
\$100,000 to \$119,999 .....	.1	—	.1	—	—	—	—	—	...
\$120,000 or more .....	1.9	—	—	.1	.1	.5	.9	.1	...
<b>Median</b> .....	<b>41 994</b>	...	...	<b>36 339</b>	<b>38 684</b>	...	...	...	...
<b>Monthly Housing Costs</b>									
Less than \$100 .....	.2	—	—	.2	—	—	—	—	...
\$100 to \$199 .....	3.3	—	.3	.9	.6	.5	.5	.6	...
\$200 to \$249 .....	2.1	—	.4	.3	.4	.7	—	.3	...
\$250 to \$299 .....	1.0	—	.2	—	.1	.1	—	.6	...
\$300 to \$349 .....	.8	—	—	—	.2	.6	—	—	...
\$350 to \$399 .....	.3	—	—	—	—	.2	.2	—	...
\$400 to \$449 .....	—	—	—	—	—	—	—	—	...
\$450 to \$499 .....	.1	—	—	—	—	.1	—	—	...
\$500 to \$599 .....	2.3	—	.3	.6	.1	—	.5	.7	...
\$600 to \$699 .....	2.0	—	.6	.8	.2	—	.2	.2	...
\$700 to \$799 .....	1.6	—	.3	.3	.5	.2	.2	.2	...
\$800 to \$999 .....	2.4	—	.2	.4	1.1	.3	.1	.3	...
\$1,000 to \$1,249 .....	2.6	—	.1	.4	1.1	.6	.1	.2	...
\$1,250 to \$1,499 .....	—	—	—	—	—	—	—	—	...
\$1,500 or more .....	1.4	—	.2	—	—	.3	1.0	—	...
No cash rent .....	.3	—	—	.2	—	—	—	—	...
<b>Median (excludes no cash rent)</b> .....	<b>596</b>	...	...	<b>599</b>	<b>816</b>	...	...	...	...
<b>Median Monthly Housing Costs for Owners</b>									
Monthly costs including all mortgages plus maintenance costs .....	606	...	...	622	802	...	...	...	...
Monthly costs excluding second and subsequent mortgages and maintenance costs .....	549	...	...	569	723	...	...	...	...

Table 6-18. **Square Footage by Household and Unit Size, Income, and Costs—Occupied Units With Hispanic Householder—Con.**

[Numbers in thousands. **Consistent with Census 2000.** ... means not applicable or sample too small. – means zero or rounds to zero]

Characteristics	Size of occupied detached 1-family homes and 1-family manufactured/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
<b>OWNER OCCUPIED UNITS</b>									
<b>Total</b> .....	<b>17.2</b>	–	<b>1.8</b>	<b>3.3</b>	<b>3.5</b>	<b>3.6</b>	<b>2.5</b>	<b>2.5</b>	<b>1 823</b>
<b>Value</b>									
Less than \$10,000 .....	.6	–	–	–	–	–	–	.6	...
\$10,000 to \$19,999 .....	.9	–	.9	–	–	–	–	–	...
\$20,000 to \$29,999 .....	–	–	–	–	–	–	–	–	...
\$30,000 to \$39,999 .....	–	–	–	–	–	–	–	–	...
\$40,000 to \$49,999 .....	.1	–	–	.1	–	–	–	–	...
\$50,000 to \$59,999 .....	.3	–	–	–	.1	–	–	.2	...
\$60,000 to \$69,999 .....	.5	–	–	–	.3	–	–	.2	...
\$70,000 to \$79,999 .....	.8	–	–	.3	.1	–	.3	–	...
\$80,000 to \$99,999 .....	3.1	–	.4	.8	.5	.3	.3	.7	...
\$100,000 to \$119,999 .....	1.7	–	–	1.1	.2	.2	.3	–	...
\$120,000 to \$149,999 .....	2.7	–	–	.4	1.1	.6	.2	.3	...
\$150,000 to \$199,999 .....	3.9	–	.3	.3	.9	1.6	.5	.3	...
\$200,000 to \$249,999 .....	1.1	–	–	.1	–	.8	–	.1	...
\$250,000 to \$299,999 .....	.6	–	.2	–	.2	.1	.1	–	...
\$300,000 or more .....	1.0	–	–	.2	–	–	.8	–	...
<b>Median</b> .....	<b>126 526</b>	...	...	...	...	...	...	...	...

<sup>1</sup>Does not include cooperatives or condominiums.



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

[Numbers in thousands. Consistent with Census 2000. ... 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 <sup>1</sup>	
	Total	Specified <sup>2</sup>	Not specified		Total	Specified <sup>2</sup>	Not specified		Specified <sup>3</sup>	Other	Specified <sup>3</sup>	Other
			Condo or Co-op	Other			Condo or Co-op	Other				
<b>OWNER OCCUPIED UNITS—Con.</b>												
<b>Ratio of Value to Current Income</b>												
Less than 1.5	2.0	1.7	—	.3	1.9	.7	—	1.1	...	...	...	...
1.5 to 1.9	1.3	1.3	—	—	.6	.6	—	—	...	...	...	...
2.0 to 2.4	1.3	1.3	—	—	.1	.1	—	—	...	...	...	...
2.5 to 2.9	1.1	1.0	.2	—	.8	.6	—	.2	...	...	...	...
3.0 to 3.9	2.5	2.3	—	.2	1.5	1.4	.2	—	...	...	...	...
4.0 to 4.9	.6	.6	—	—	.3	.3	—	—	...	...	...	...
5.0 or more	1.7	1.6	.1	—	2.3	2.3	—	—	...	...	...	...
Zero or negative income	—	—	—	—	.5	.5	—	—	...	...	...	...
<b>Median</b>	<b>2.8</b>	<b>2.8</b>	...	...	<b>3.2</b>	<b>3.7</b>	...	...	...	...	...	...
<b>Average Monthly Cost Paid for Real Estate Taxes</b>												
Less than \$25	6.6	5.8	.3	.5	6.6	5.4	.2	1.1	...	...	...	...
\$25 to \$49	1.8	1.8	—	—	—	.5	—	—	...	...	...	...
\$50 to \$74	.6	.6	—	—	—	.2	—	—	...	...	...	...
\$75 to \$99	.8	.8	—	—	—	.2	—	.2	...	...	...	...
\$100 to \$149	.5	.5	—	—	—	.2	—	—	...	...	...	...
\$150 to \$199	—	—	—	—	—	.1	—	—	...	...	...	...
\$200 or more	.3	.3	—	—	.2	.2	—	—	...	...	...	...
<b>Median</b>	<b>25-</b>	<b>25-</b>	...	...	<b>25-</b>	<b>25-</b>	...	...	...	...	...	...
<b>OWNERS WITH ONE OR MORE REGULAR OR LUMP-SUM HOME-EQUITY MORTGAGES</b>												
<b>Total</b>	<b>9.8</b>	<b>8.9</b>	<b>.3</b>	<b>.5</b>	...	...	...	...	...	...	...	...
<b>Monthly Payment for Principal and Interest</b>												
One or more regular mortgages	9.8	8.9	.3	.5	...	...	...	...	...	...	...	...
Less than \$100	.4	.2	—	.2	...	...	...	...	...	...	...	...
\$100 to \$199	.3	.1	.1	—	...	...	...	...	...	...	...	...
\$200 to \$249	—	—	—	—	...	...	...	...	...	...	...	...
\$250 to \$299	.2	.2	—	—	...	...	...	...	...	...	...	...
\$300 to \$349	.5	.1	—	.3	...	...	...	...	...	...	...	...
\$350 to \$399	.7	.7	—	—	...	...	...	...	...	...	...	...
\$400 to \$449	1.0	1.0	—	—	...	...	...	...	...	...	...	...
\$450 to \$499	.5	.5	—	—	...	...	...	...	...	...	...	...
\$500 to \$599	1.2	1.2	—	—	...	...	...	...	...	...	...	...
\$600 to \$699	.9	.9	—	—	...	...	...	...	...	...	...	...
\$700 to \$799	1.1	1.1	—	—	...	...	...	...	...	...	...	...
\$800 to \$999	1.6	1.4	.2	—	...	...	...	...	...	...	...	...
\$1,000 to \$1,249	.9	.9	—	—	...	...	...	...	...	...	...	...
\$1,250 to \$1,499	.2	.2	—	—	...	...	...	...	...	...	...	...
\$1,500 or more	.5	.5	—	—	...	...	...	...	...	...	...	...
<b>Median</b>	<b>635</b>	<b>662</b>	...	...	...	...	...	...	...	...	...	...
<b>Type of Primary Mortgage</b>												
FHA	2.2	2.2	—	—	...	...	...	...	...	...	...	...
VA	.7	.7	—	—	...	...	...	...	...	...	...	...
RHS/RD	—	—	—	—	...	...	...	...	...	...	...	...
Other types	6.0	5.4	.3	.3	...	...	...	...	...	...	...	...
Don't know	—	—	—	—	...	...	...	...	...	...	...	...
Not reported	.8	.6	—	.2	...	...	...	...	...	...	...	...
<b>Mortgage Origination</b>												
Placed new mortgage(s)	9.6	8.8	.3	.5	...	...	...	...	...	...	...	...
Primary obtained when property acquired	7.5	6.7	.3	.5	...	...	...	...	...	...	...	...
Obtained later	2.1	2.1	—	—	...	...	...	...	...	...	...	...
Assumed	.1	.1	—	—	...	...	...	...	...	...	...	...
Wrap-around	—	—	—	—	...	...	...	...	...	...	...	...
Combination of the above	—	—	—	—	...	...	...	...	...	...	...	...
<b>Payment Plan of Primary Mortgage</b>												
Fixed payment, self-amortizing	8.8	8.1	.3	.3	...	...	...	...	...	...	...	...
Adjustable rate mortgage	.2	.2	—	—	...	...	...	...	...	...	...	...
Adjustable term mortgage	—	—	—	—	...	...	...	...	...	...	...	...
Graduated payment mortgage	—	—	—	—	...	...	...	...	...	...	...	...
Balloon	—	—	—	—	...	...	...	...	...	...	...	...
Other	—	—	—	—	...	...	...	...	...	...	...	...
Combination of the above	—	—	—	—	...	...	...	...	...	...	...	...
Not reported	.8	.6	—	.2	...	...	...	...	...	...	...	...
<b>Payment Plan of Secondary Mortgage</b>												
Units with two or more mortgages	.6	.6	—	—	...	...	...	...	...	...	...	...
Fixed payment, self-amortizing	.4	.4	—	—	...	...	...	...	...	...	...	...
Adjustable rate mortgage	—	—	—	—	...	...	...	...	...	...	...	...
Adjustable term mortgage	—	—	—	—	...	...	...	...	...	...	...	...
Graduated payment mortgage	—	—	—	—	...	...	...	...	...	...	...	...
Balloon	—	—	—	—	...	...	...	...	...	...	...	...
Other	—	—	—	—	...	...	...	...	...	...	...	...
Combination of the above	—	—	—	—	...	...	...	...	...	...	...	...
Not reported	.2	.2	—	—	...	...	...	...	...	...	...	...



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

[Numbers in thousands. **Consistent with Census 2000.** ... 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 <sup>1</sup>	
	Total	Specified <sup>2</sup>	Not specified		Total	Specified <sup>2</sup>	Not specified		Specified <sup>3</sup>	Other	Specified <sup>3</sup>	Other
			Condo or Co-op	Other			Condo or Co-op	Other				
<b>OWNERS WITH ONE OR MORE REGULAR OR LUMP-SUM HOME-EQUITY MORTGAGES – Con.</b>												
<b>Lenders of Primary and Secondary Mortgages</b>												
Only borrowed from firm(s) .....	8.9	8.3	.3	.3	...	...	...	...	...	...	...	...
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 .....	.8	.6	–	.2	...	...	...	...	...	...	...	...

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







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

[Numbers in thousands. **Consistent with Census 2000.** ... 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
<b>OWNER OCCUPIED UNITS—Con.</b>														
<b>Purchase Price</b>														
Home purchased or built	17.9	.5	.8	.3	1.4	.5	2.9	2.1	4.2	1.5	1.7	.1	1.9	42 129
Less than \$10,000	.9	—	.1	.2	—	.1	.3	—	.1	—	—	—	—	...
\$10,000 to \$19,999	1.6	.1	—	.1	.3	—	.3	.1	.3	—	.1	—	.2	...
\$20,000 to \$29,999	1.4	—	.1	—	.3	—	.6	—	.3	—	—	—	—	...
\$30,000 to \$39,999	1.1	—	—	—	.2	—	—	.5	.3	—	—	—	—	...
\$40,000 to \$49,999	1.3	—	—	—	.6	—	.1	.5	.1	.2	.1	—	.1	...
\$50,000 to \$59,999	1.6	—	.1	—	—	—	.2	.5	.3	.2	.1	—	.2	...
\$60,000 to \$69,999	1.2	—	—	—	.1	.3	.1	.1	.1	.2	.2	.1	—	...
\$70,000 to \$79,999	.2	—	—	—	—	—	—	—	—	—	.2	—	—	...
\$80,000 to \$99,999	1.9	—	—	—	—	—	.7	—	.8	.1	.3	—	—	...
\$100,000 to \$119,999	1.3	—	—	—	—	—	.3	.2	.3	.5	.2	—	—	...
\$120,000 to \$149,999	.8	—	—	—	—	—	.2	—	.2	.1	.2	—	.1	...
\$150,000 to \$199,999	1.5	—	—	—	—	—	—	.2	.6	.2	.2	—	.3	...
\$200,000 to \$249,999	—	—	—	—	—	—	—	—	—	—	.1	—	—	...
\$250,000 to \$299,999	.1	—	—	—	—	—	—	—	—	—	—	—	—	...
\$300,000 or more	.7	—	—	—	—	—	—	—	—	—	—	—	—	...
Not reported	2.4	.3	.4	—	.2	—	.2	—	.8	.2	—	—	.4	...
<b>Median</b>	<b>59 096</b>	...	...	...	...	...	...	...	<b>84 326</b>	...	...	...	...	...
Received as inheritance or gift	.2	—	—	—	—	—	—	.2	—	—	—	—	—	...
Not reported	.5	—	—	—	—	—	—	—	.2	—	.3	—	—	...
<b>RENTER OCCUPIED UNITS</b>														
<b>Total</b>	<b>11.2</b>	<b>.5</b>	<b>.5</b>	<b>.3</b>	<b>.6</b>	<b>1.1</b>	<b>2.4</b>	<b>3.2</b>	<b>1.3</b>	<b>.6</b>	<b>.6</b>	<b>—</b>	<b>—</b>	<b>30 465</b>
<b>Rent Reductions</b>														
No subsidy	9.8	.5	.5	—	.4	1.1	2.3	2.7	1.1	.6	.5	—	—	30 263
Rent control	—	—	—	—	—	—	—	—	—	—	—	—	—	...
No rent control	9.8	.5	.5	—	.4	1.1	2.3	2.7	1.1	.6	.5	—	—	30 263
Reduced by owner	.3	—	—	—	—	—	—	—	.3	—	—	—	—	...
Not reduced by owner	9.5	.5	.5	—	.4	1.1	2.3	2.7	.8	.6	.5	—	—	29 612
Owner reduction not reported	—	—	—	—	—	—	—	—	—	—	—	—	—	...
Rent control not reported	—	—	—	—	—	—	—	—	—	—	—	—	—	...
Owned by public housing authority	.1	—	—	.1	—	—	—	—	—	—	—	—	—	...
Government subsidy	—	—	—	—	—	—	—	—	—	—	—	—	—	...
Other, income verification	.9	—	—	.2	.2	—	.2	.4	—	—	—	—	—	...
Subsidy not reported	.4	—	—	—	—	—	—	.2	.1	—	.1	—	—	...

<sup>1</sup>For manufactured/mobile homes, oldest category is 1939 or earlier.  
<sup>2</sup>Beginning with 1989, this item uses current income in its calculation, see Appendix A.  
<sup>3</sup>May reflect a temporary situation, living off savings, or response error.









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

[Numbers in thousands. **Consistent with Census 2000.** ... 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
<b>RENTER OCCUPIED UNITS</b>														
<b>Total</b> .....	<b>11.2</b>	—	.2	.3	.3	1.5	2.6	2.1	1.2	1.9	.6	—	.5	<b>623</b>
<b>Rent Reductions</b>														
No subsidy .....	9.8	—	—	.2	.3	1.3	2.4	1.9	1.2	1.6	.5	—	.3	625
Rent control .....	—	—	—	—	—	—	—	—	—	—	—	—	—	...
No rent control .....	9.8	—	—	.2	.3	1.3	2.4	1.9	1.2	1.6	.5	—	.3	625
Reduced by owner .....	.3	—	—	—	—	—	—	—	—	—	—	—	—	...
Not reduced by owner .....	9.5	—	—	.2	.3	1.3	2.4	1.9	1.2	1.6	.5	—	—	625
Owner reduction not reported .....	—	—	—	—	—	—	—	—	—	—	—	—	—	...
Rent control not reported .....	—	—	—	—	—	—	—	—	—	—	—	—	—	...
Owned by public housing authority .....	.1	—	—	—	—	—	—	—	—	—	—	—	—	.1
Government subsidy .....	—	—	—	—	—	—	—	—	—	—	—	—	—	...
Other, income verification .....	.9	—	.2	—	—	.2	.2	.2	—	.2	—	—	—	...
Subsidy not reported .....	.4	—	—	.2	—	—	—	—	—	.1	.1	—	—	...

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





















Table 6-24. **Units in Structure by Selected Characteristics—Occupied Units With Hispanic Householder—Con.**

[Numbers in thousands. **Consistent with Census 2000.** ... means not applicable or sample too small. – means zero or rounds to zero]

Characteristics	Total	1, detached	1, attached	Multiunit						Manu- factured/ mobile homes
				Total	2 to 4	5 to 9	10 to 19	20 to 49	50 or more	
<b>Monthly Cost Paid for Piped Gas</b>										
Piped gas used .....	17.9	14.0	1.0	1.9	1.3	.3	.2	.2	—	1.0
Less than \$25 .....	3.4	2.0	.2	.5	.2	.2	—	.2	—	.7
\$25 to \$49 .....	8.9	8.0	.2	.8	.6	.1	—	—	—	—
\$50 to \$74 .....	2.3	1.4	.4	.2	.2	—	—	—	—	.3
\$75 to \$99 .....	.4	.4	—	—	—	—	—	—	—	—
\$100 to \$149 .....	.2	.2	—	—	—	—	—	—	—	—
\$150 to \$199 .....	.1	.1	—	—	—	—	—	—	—	—
\$200 or more .....	.2	.2	—	—	—	—	—	—	—	—
<b>Median</b> .....	<b>37</b>	<b>38</b>	...	...	...	...	...	...	...	...
Included in rent, other fee, or obtained free .....	2.4	1.6	.3	.5	.3	—	.2	—	—	—

<sup>1</sup>Native Hawaiian and other Pacific Islander.

<sup>2</sup>Because Hispanics may be of any race, data can overlap slightly with other groups. Most Hispanics report themselves as White, but some report themselves as Black or in other categories.

<sup>3</sup>For manufactured/mobile homes, oldest category is 1939 or earlier.

<sup>4</sup>Figures may not add to total because more than one category may apply to a unit.

<sup>5</sup>Beginning with 1989, this item uses current income in its calculation, see Appendix A.

<sup>6</sup>May reflect a temporary situation, living off savings, or response error.

# Appendix A.

## Definitions

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Beginning with the 1997 survey, most questions had new wording, compared with that used in earlier surveys. Also, new questions and answer 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 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, P.O.Box 23268, Washington, DC 20026-3268.

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. If a specific definition is not located, try related definitions. 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 the definition "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" was marked.

**Amenities.** See the definition "Selected amenities."

**Amount of savings and investments.** These data were 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.**

*Publications.* Real estate taxes paid per \$1,000 value of the house (and lot, except for manufactured/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 the definition "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 lived. The responses could have been "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

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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 the definitions “Bars on windows of buildings,” “Common stairways,” “External building conditions,” and “Year structure built.”

**Business.** See the definitions “Income,” “Other activities on property,” and “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 publications, 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 were 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.”

**Cash received in primary mortgage refinance.** An owner can receive cash from a mortgage lender by refinancing the primary mortgage. This increases the outstanding balance of the loan.

**Census.** See the definition “Comparability with Census 2000 of Population and Housing data.”

### **Central cities.**

*National publications 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 for data in the 2003 national microdata file to measure change consistently over time. However, AHS uses the 1990 census-based geography for the data in the 2003 national publication.

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 the definitions “Place size” and “Urban and rural residence.”

**Change in housing costs.** For the householder and those who moved with the householder, comparison is made of the share of the housing costs paid in the previous unit with the share paid in the present residence. Housing costs include mortgage and rent payment, real estate taxes, insurance, utilities, land rent, and mobile home park fees.

**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/ manufactured/mobile homes, and apartments; (2) the reasons the respondent chose the present home; and (3) the main reason the present home 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 the definition “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.

### **Citizenship.**

*Citizenship of householder.* Place of birth was asked for each householder and every household member. There are five categories of citizenship status: (1) born in the United States, (2) born in Puerto Rico or another U.S. outlying area, (3) born abroad of U.S. citizen parents, (4) naturalized citizens, or (5) noncitizens. People born in the United States are citizens at birth.

*Year householder immigrated to the United States.* The data are based on information reported for the householder and refer to the year the householder immigrated to the United States.

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**Common stairways.** Common stairways are those 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. Data 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.

**Community quality.** Data are shown for units in communities that have one or more of the following amenities for the use of its members and their guests: a community center or clubhouse, golf course, walking/jogging trails, shuttle bus, day care center, private or restricted-access beach, park, or shoreline.

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

**Comparability with Census 2000 Population and Housing data.** The concepts and definitions are largely the same for items that appeared in Census 2000 with the following main exceptions.

In the AHS, recent movers are householders who moved into their unit during the 12 months prior to the interview. In Census 2000, mover households were those who moved between January 1, 1999, and March 31, 2000, a period of 15 months or less.

In the AHS, 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. In Census 2000, the number of bedrooms was the number that the owner would have listed if the house or apartment were on the market for sale or rent.

Data on poverty status in Census 2000 were compiled using the same approach as the official poverty measure. Since poverty is a family-based measure, this means that household members who were unrelated to the householder had a poverty status based on their own individual incomes, whereas household members related to the householder had a poverty status based on the combined family income. Furthermore, Census 2000 did not evaluate the poverty status of unrelated individuals under the age of 15. In the AHS, data on poverty status are based on the household as a unit. As a result, the total income of the household—the sum of the income of all household members whether or not they are related to the householder—is used to determine the poverty status of the household and all the members living in it. (See the definition “Poverty status” for additional details.)

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 Census 2000 income data are for calendar year 1999 and for income of household members 15 years and older.

Differences between the AHS and Census 2000 data 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 Census 2000. 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.

**Condition 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 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

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paid by the cooperative for real estate taxes, mortgage interest, and operating cost. In the publications, 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 the definition “Metropolitan areas.”

**Construction.** See the definitions “Comparability with Current Construction Reports from the Survey of Construction” and “Year structure built.”

**Cooling degree days.** See the definition “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.** See the definitions “Annual taxes paid per \$1,000 value,” “Change in housing costs,” “Real estate taxes,” “Monthly housing costs,” “Other housing costs per month,” and “Mortgages currently on property.”

**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.

**Crime.** See the subdefinition “Neighborhood crime,” 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 any primary individuals 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 enter the job market, retire, change jobs, or move often have 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 publications, medians for current interest rate are rounded to the nearest tenth of a percent.

**Current line-of-credit interest rate.** This item refers to the annual percentage rate in effect on current line-of-credit outstanding balances.

## **Current total loan as percent of value.**

*Publications.* This percentage is computed by dividing the outstanding principal amount by the value of the housing unit. These medians 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 manufactured/mobile homes.

The category “Commercial and institutional; industrial buildings or factories” includes all varieties of nonresidential structures—such as 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” includes areas such as cemeteries, golf courses, woods, forest preserves, vacant lots, undeveloped land, airport land, ball fields, and school fields.

**Down payment.** See the definition “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” includes 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’s degree” includes people whose highest degree is an associate’s 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 publications, to obtain the total number of householders who are high school graduates, add (1) high school graduates only (includes equivalency), (2) graduates with some college, no degree, (3) with an associate’s

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 the definition “Neighborhood conditions and neighborhood services.”

### **Elderly.**

*Publications.* Data for the elderly include all households with householders 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 the definition “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 were in working order or the household planned 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 on 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 an 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 is 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 are 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 are not counted unless the construction has been abandoned.

*Walls.* “Missing bricks, siding, other outside wall material” applies to the exterior wall (including chimney) of the structure. These defects may be 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 are not counted unless construction has been abandoned. “Sloping outside walls” is a critical defect indicating continuous neglect or serious damage to the structure. Only walls with substantial sagging are 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.*

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

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*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 one of the following:

- 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.
- 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 the definition "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 the definition "Household composition."

**Farm.** See the definition "Crop sales."

**First-time owners.** If neither the owner nor any co-owner has ever owned or co-owned another home as a usual residence, then the housing unit is 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 are 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. Throughout most of the United States, stamps have been replaced by the electronic benefit transfer (EBT) which is a system allowing transfer via debit card of government benefits from a federal account to a retail outlet's account. The food stamp program is a joint federal-state program that is administered by the U.S. Department of Agriculture and 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 an enclosed space at least partially underground in which a person can walk upright under all or part of the building. The basement is under all the building if it is under the entire main structure, excluding garages, carports, and porches. A crawl space is space between the ground and the first floor of the house, but it is not high enough for 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.

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*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 corncobs, purchased steam, or any other fuel not listed.

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

**Gas.** See the definition “Monthly costs paid for electricity and gas.”

**Government subsidy for repairs.** “Government subsidy for repairs” refers to an assistance program provided by the federal, state, or local government for the purpose of obtaining or installing energy conservation products for low income households. The money must be spent that way. The type of products include insulation, storm doors, storm windows, weather stripping, caulking, furnace tune-ups, or for repair of broken doors and windows.

**Ground anchors.** See the definition “Manufactured housing/mobile home tiedowns.”

**Group quarters.** See the definition “Housing units.”

**Halls.** See the definition “Light fixtures in public halls.”

### **Heating and cooling degree days.**

*National publications 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 publications 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 shown 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* refers to units permanently installed in floors, walls, ceilings, or baseboards.

*Floor, wall, or other built-in hot-air unit without ducts* refers to a system that 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* refers to a fan-forced air circulation system installed in the fireplace 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

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housing unit was uncomfortably cold for 24 hours or more, the number of times equipment breakdowns lasted 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. Hispanics may be of any race. Most identify themselves as White or Black, as shown in Table 2-1.

**Home equity line-of-credit.** This is a revolving home-equity loan that allows the property owner to borrow against the equity up to a fixed limit set by the lender without reapplying for a loan.

**Home-equity lump-sum loan.** This is a home equity loan that is paid out in a one-time lump-sum amount and that must be repaid over a set period of time.

**Home-equity mortgage.** See the definition “Mortgages currently on property.”

**Homes currently for sale or rent.** The data are presented in the publication for owner-occupied units, year-round units temporarily occupied by people who have a usual residence elsewhere, and vacant units. The owner may offer the unit *up for rent only*, *up for rent or for sale*, or *for sale only*. In addition, the 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 relocations.

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

### **Household composition.**

*Publications.* The following categories are published in the publications.

*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*.

*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 (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. 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.

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See also the definitions “Persons other than spouse or children” and “Family or primary individual.”

### **Household moves and formation.**

*Publications.* 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).

**Householder.** The householder is the first household member listed on the questionnaire who is an owner or renter of the sample unit and is 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 will select one of them to be listed first who then becomes the householder.

*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 special living arrangements 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

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stage of construction is earlier than the one used in *Duration of vacancy* (see the definition “Vacancy, seasonality”), 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).

**How the housing unit was acquired.** The householder obtained the housing unit by one of several options: by buying the house already built; by signing a sales agreement that included the land as well as the cost of building the house; by having a contractor build it on the householder’s land; by the householder building it on the householder’s own land (this includes a person acting as own contractor; this also includes leased land); or by receiving it as a gift or inheritance.

**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 the definition “Family and primary individuals”). 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.

*SSI* is the Supplemental Security Income Program, 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.

*Public assistance or welfare* includes money received from local or state administered public assistance programs, such as old-age assistance, Temporary Assistance for Needy Families (TANF), aid to the blind or totally disabled, or other public assistance.

*Alimony or child support* includes 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

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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 the definition “Current income” in Appendix A, the topics “Poverty” in Appendix C, and “Effect on income” in Appendix D.

**Inside (P)MSAs.** See the definition “Metropolitan areas.”

**Insurance.** See the definition “Property insurance.”

**Interest.** See the definition “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 include property taxes, property insurance, private mortgage insurance, and other charges. Other charges may include disability insurance or life insurance.

**Journey to work.** Metropolitan and national publications and microdata. The publications publish data on householders. The microdata have similar information on all workers. .

**Workers.** This includes all people 14 years and older who held a job in the United States any time the week before the interview.

**Householders who worked last week.** This includes 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 used 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” includes taxicabs, ferryboats, surface trains, or van service. See also the definition “Neighborhood conditions and neighborhood services.”

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

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

**Distance from home to work.** This is 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.** This refers to the time (hour and minutes) the respondent left for work. The categories begin with midnight and progress to 11:59 p.m.

**Kitchen.** See the definition “Equipment.”

**Land contract.** A land contract is an arrangement for the sale of real estate whereby the buyer may use, occupy, and enjoy land, but no deed is given by the seller (and no title passes) until all of the sale price has been paid.

**Last used as a permanent residence.** See the definition “Vacancy, seasonality.”

**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 none, some, 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.

**Line of credit.** See the definition “Home equity line-of-credit.”

**Line-of-credit amount used for home additions, improvements, or repairs.** This is the percentage of the dollar amount of home equity loans used for home additions, improvements, or repairs.

**Line-of-credit monthly payment.** This is the monthly payment on the line-of-credit paid to the bank at the present interest rate.

**Living quarters.** See the definition “Housing units.”

**Location of previous unit.** Publications 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 the definition “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 the appearance of spurious changes.

**Lodgers.** See the definitions “Household,” “Persons other than spouse or children,” and “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 publications, 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 RHS/RD, formerly Farmers Home Administration.

**Lump-sum loan.** See the definition “Home-equity lump-sum loan.”

**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, or dissolved business ventures.

*Borrowing other than a mortgage on this property* is shown 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 the definition “Owner or manager on property.”

**Manufactured/mobile homes.** A manufactured/mobile home is defined as a housing unit that was originally constructed to be towed on its own chassis (also called HUD-Code homes). 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.

**Manufactured/mobile home setup.**

Manufactured/mobile homes are placed on a permanent masonry foundation; rest on concrete pads; or are up on blocks, but not on concrete pads.

**Manufactured/mobile home tiedowns.**

Manufactured/mobile home or trailer tiedowns are ground-anchor foundation systems that give stability to manufactured housing/mobile homes.

**Manufactured/mobile homes in group.**

Manufactured/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 not in a mobile home park. See also the definition “Site placement.”

**Medians.**

*Publications.* 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 publication (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 publications).

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

### **Median monthly housing costs for owners.**

*Publications.* 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 the definitions “Central cities,” “Places,” and “Urban,” which is based on much higher population density than metropolitan areas.

*National publications 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 for data in the 2003 national microdata file to measure change consistently over time. However, AHS uses the 1990 census-based geography for the data in the 2003 national publication.

*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, which is a suppression for confidentiality that does not affect the printed publications.

*Metropolitan publications and microdata.* Since 1995 the metropolitan AHS has used HUD definitions of metropolitan areas. These start from 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 publications for that year.

### **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 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.

1. If the respondent provides data for only 1 month, the following 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 derived from the Residential Energy Consumption Survey (RECS) sponsored by the U.S. Department of Energy. These formulas take into account the following characteristics of the unit: the census division where it is located, electric heat, electric water heating, natural gas heat, natural gas water heating, year built, type of unit, number of rooms, number of bathrooms, number of appliances, and number of household members.
2. 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, derived from the RECS data, to estimate yearly costs that are then divided by 12. Because more than 1 month’s worth of real costs are available, it is rarely necessary to take into account detailed characteristics of the unit as is done in procedure one. (In some cases where 2 months of data are provided, detailed characteristics of the unit are taken into account.)
3. If the respondent answers “no,” that he or she does not have separate records for the electricity (or gas),

the respondent is asked to provide an estimate of the average monthly costs. In this case, a procedure similar to the first is used. As in the case where 1 month of billing data is provided, the reported monthly average is adjusted using regression formulas derived from the RECS data, that take into account both the reported amount of electricity charges and detailed characteristics of the unit.

Finally, a factor is then applied to the electricity and gas costs to benchmark them to RECS averages. A full explanation of the formulas is in Appendix E of *Codebook for the American Housing Survey*, Volume 3.

### **Monthly expenses, additional help with.**

*Publications.* 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 incomes on housing, or rental households not receiving housing assistance with incomes less than \$15,000 that report spending more than 50 percent of their incomes on housing were asked whether they received outside help to meet monthly housing expense for food, clothing, car payments, 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 manufactured/mobile homes, and manufactured/mobile home sites if the site is owned), property insurance, homeowner association fees, cooperative or condominium fees, mobile home park fees, land rent, and utilities. Costs do not include maintenance and repairs, but see the definition “Median monthly housing costs for owners.”

Monthly housing costs for *renter-occupied* housing units include the contract rent, utilities, property insurance, and 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 publications, Table 19 of each chapter presents financial characteristics for these groups that 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.**

*Publications.* The yearly housing costs (monthly housing costs multiplied by 12) are expressed as a percentage of the total current income (see the definition “Current income”). 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’s insurance, and/or other charges. In the publications, 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.

*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 mortgage 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.

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*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.**

*Publications.* 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: *owned free and clear, reverse mortgages, regular, and home equity.*

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, home-equity lines of credit, home-equity lump-sum loans, 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 home-equity lines of credit, home-equity lump-sum loans, and 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 the definitions "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," "Reason primary mortgage refinanced," "Cash received in primary mortgage refinance," "Percent of primary mortgage refinanced cash used for home additions, improvements, or repairs," "Percent of nonrefinanced primary mortgage, including home equity lump sum, used for home purchase and improvement," "Total home equity line-of-credit limit," "Total outstanding line-of-credit loans," "Current line-of-credit interest rate," "Line-of-credit amount used for home additions, improvements, or repairs," and "Line-of-credit monthly payment."

*Microdata.* Not applicable. May be recoded as needed.

**Moves.** See the definitions "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," and "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 in outdoor public areas 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.

These 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 wanted to move; and (4) if the public elementary school was within 1 mile of the housing unit. See also the definition "Educational attainment."

See also the definitions "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," and "Trash, litter, or junk on streets or any properties."

### **Noninterview.**

*Publications.* Not applicable.

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*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 which 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; and (8) Type B, not classified.

Type C noninterviews are units ineligible for sample, either because they no longer exist or because of sampling 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 regular mortgages and home equity mortgages.** See the definition “Mortgages currently on property.”

**Number of single children under 18 years old.** See the definition “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.

*Medical* includes a doctor’s or dentist’s office regularly visited by patients.

*Commercial establishment* includes establishments located in the same building as the sample unit or 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 missing, 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 homeowner’s association fee (excludes condominium and cooperative fees) is a fee charged for services such as upkeep of common property, including 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 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 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 the definition “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.** For structures of two or more units, these statistics show the number of rental housing units with the owner or resident manager living on the property.

**Own never-married children under 18 years old.** See the definition “Household composition.”

**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* have interest rates that could be changed during the life of the mortgage, changing the amount of the payments required.

In *adjustable term mortgages* the amount of the payment 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 those 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.

**Percent of nonrefinanced primary mortgage, including home equity lump sum, used for home purchase and improvement.** This question is asked of homeowners who have a primary mortgage that is not a refinance of a previous mortgage. These homeowners were asked what percentage of this loan was used for the purchase of the home or additions, improvements, or repairs to the home.

**Percent of primary mortgage refinanced cash used for home additions, improvements, or repairs.** This question is asked of homeowners who reported “to receive cash” as a reason for the refinance of their mortgage. These homeowners were asked what percentage was used for additions, improvements, or repairs to the home.

*National publications and microdata.* Not applicable.

**Persons.** See the definition “Household.”

### **Persons other than spouse or children.**

*Publications.* 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, 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.

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*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 in the above-mentioned categories 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 16 years or older; nonrelatives of the householder; not sons, daughters, stepchildren, or adopted children of a co-owner or co-renter; and not co-owners or co-renters 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 the definitions "Household" and "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 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 nor co-owner nor co-renter. 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 publications 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 the definition "Household composition."

### **Persons per room.**

*Publications.* 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 per bedroom.** Persons per bedroom is computed for each occupied housing unit by dividing the number of people in the unit by the number of bedrooms in the unit. The figures shown refer, therefore, to the number of housing units having the specified ratio of people per bedroom.

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

**Persons—previous residence.** All people were 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).

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**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.

**Electricity.** 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 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 the definition “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 under “Physical problems—severe” under *Hallways*.

**Upkeep.** Having any three or four of the six problems listed under “Physical problems—severe” under *Upkeep*.

See also the definitions “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.”

### **Place size.**

**National publications.** The geographic variable place size, as shown in national reports, shows the current count of housing units in places as defined in the 1990 census.

**Microdata and metropolitan publications.** Not applicable.

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

### **Population in housing units.**

**Publications.** 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 publications, 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 the “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 Annual Social and Economic 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 the definition

“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 A-1.

Table A-1. **Poverty Thresholds**

Total persons	HUD average limits (L50) Oct. 2003 to Sept. 2004	HHS guidelines Mar. 2003 to Mar. 2004	Preliminary estimate of weighted average	Poverty thresholds, January 2004 to December 2004										
				Number of children under 18 years										
				None	1	2	3	4	5	6	7	8 or more		
1 person (unrelated individual) .....	21,500	9,310	9,645											
Under 65 years .....	21,500	9,310	9,827	9,827										
65 years and over .....	21,500	9,310	9,060	9,060										
2 persons .....	24,550	12,490	12,334											
Householder under 65 years .....	24,550	12,490	12,714	12,649	13,020									
Householder 65 years and over .....	24,550	12,490	11,430	11,418	12,971									
3 persons .....	27,625	15,670	15,067	14,776	15,205	15,219								
4 persons .....	30,700	18,850	19,307	19,484	19,803	19,157	19,223							
5 persons .....	33,150	22,030	22,831	23,497	23,838	23,108	22,543	22,199						
6 persons .....	35,600	25,210	25,788	27,025	27,133	26,573	26,037	25,241	24,768					
7 persons .....	38,075	28,390	29,236	31,096	31,290	30,621	30,154	29,285	28,271	27,159				
8 persons .....	40,525	31,570	32,641	34,778	35,086	34,454	33,901	33,115	32,119	31,082	30,818			
9 persons or more .....	42,975	34,750	39,048	41,836	42,039	41,480	41,010	40,240	39,179	38,220	37,983	36,520		

Source: U.S. Census Bureau, Current Population Survey.

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 February 18, 2005, *Federal Register*, Volume 70, number 33, page 8,373 to 8,375. (Guidelines are 13.1 percent higher in Hawaii, and 20.1 percent higher in Alaska than shown above.)

The 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 2003 are shown (local details are at <[www.huduser.org/data/factors.html](http://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 last moved from.

**Previous home owned or rented by someone who moved here.**

*Publications.* 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 someone or people not now in the household occupied the housing unit prior to the



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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 the definition "Metropolitan areas."

**Primary mortgage.** Detailed information on regular and lump-sum home-equity mortgages was collected in the AHS on the first three mortgages reported, even if the unit had four or more mortgages. If the owner(s) had both a regular and a lump-sum home-equity mortgage, priority was given to the regular mortgage(s) for collecting detailed information. 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) regular mortgage (as opposed to a lump-sum home-equity loan), (2) Federal Housing Administration (FHA), Veterans Administration (VA), or Rural Housing Service/Rural Development (RHS/RD) mortgage; (3) assumed mortgage; (4) mortgage obtained first; and (5) 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.** Principal is the amount of money raised by a mortgage or other loan, as distinct from the interest paid for its use. It is the amount of debt excluding interest. See the definition "Total outstanding principal amount."

**Private mortgage insurance.** Private mortgage insurance is insurance that a lender (such as PMI or GMAC) generally requires a home buyer to obtain if the down payment made by the home buyer is below a certain percentage (often 20 percent down payment for conventional loans).

**Problems.** See the definitions "Neighborhood conditions and neighborhood services," "Physical problems," and "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.** See the definitions "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 publications, the median purchase price is rounded to the nearest dollar.

**Quality.** See the definitions "Neighborhood conditions and neighborhood services," "Physical problems," "Selected amenities," and "Selected deficiencies."

**Questionnaire.** Computer-Assisted Interviewing (CAI) was introduced in 1997, eliminating paper questionnaires. See 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 301-763-3235.

**Race and origin.** In the publications, 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 is 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.

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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 Black 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 non-Hispanic or Latino). In 2003, the AHS adopted the new terminology.

The question on race using the new terminology included a list of six race categories. If the race of a respondent did not match the five specific races, then the respondent would select the category “Some other race.” Respondents answering “Some other race” had their answer changed (allocated) to one of the other five categories. The six race categories include:

- White
- Black or African American
- American Indian and Alaska Native
- Asian
- Native Hawaiian and Other Pacific Islander
- Some other race

People who responded to the question on race by indicating only one race are referred to as the race *alone* population, or the group who reported only one race. For example, respondents who marked only the White category would be included in the White *alone* population.

Individuals who chose more than one of the six race categories are referred to as the *Two or more races* population, or as the group who reported more than one race. For example, respondents who reported they were White **and** Black or African American, or White **and** American Indian or Alaska Native **and** Asian <sup>1</sup> would be included in the *Two or more races* category.

**Ratio of loan to value.** See the definition “Current total loan as percent of value.”

**Ratio of value to current income.**

*Publications.* The ratio of value to current income is computed by dividing the value of the housing unit by the total current (family) income (see the definition “Current income”). The ratio is computed separately for each housing unit and is rounded to the nearest tenth. For value and

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<sup>1</sup> The race in combination categories are denoted by quotations around the combinations with the conjunction **and** in bold and italicized print to indicate the separate races that comprise the combination.

current income, the dollar amounts are 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 publications, medians for real estate taxes are rounded to the nearest dollar.

**Reason primary mortgage refinanced.** If the current primary mortgage was a regular mortgage (not a lump-sum home-equity loan) and was not an assumed or wrap-around mortgage, the respondent was asked if it was a refinancing of a previous mortgage and the reason for the refinancing.

**Reasons for leaving previous unit publications.**

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; for example, 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; for example, 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.

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*To establish own household* means that the respondent left a previous residence, such as 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, 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 was 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 the definitions "Choice of present home and home search" and "Choice of present neighborhood and neighborhood search."

*Microdata.* These data are shown for units in which the respondent moved during the 24 months before the interview.

**Recent mover publications.** Data for recent movers who moved in the 12 months prior to interview 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 during the 24 months prior to the interview.

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

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

**Regions.** States and the District of Columbia 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 publications, medians for remaining years mortgaged are rounded to the nearest year.

**Rent.** See "Monthly housing costs."

**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 co-owners or co-renters 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.

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*Owned by a public housing authority* means 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.

*Government subsidy* means 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.

*Other income verification* means that the occupants are asked questions about their income when their lease is up for renewal, but they were unable to identify what type of rent reduction they received, if any.

**Renter maintenance quality.** Renters were asked their opinions of owners' 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.

*Alterations and replacements.*

*Publications.* Not available.

*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, a major disaster, such as an earthquake, tornado, hurricane, landslide, fire, or flood, required them to make extensive repairs to their homes. Replacements and additions were counted as disaster-required repairs only if the damage involved at least 2 rooms or a majority of the home.

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 roofs, 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 tanks; water heaters; dishwashers, garbage disposals; driveways or walkways; fencing or walls; patios, terraces, or detached decks; swimming pools, tennis courts, and other recreational structures; sheds, detached garages, 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.

**Reverse annuity mortgages.** These were defined to the respondent as "reverse annuity mortgage or home equity conversion mortgage." These mortgages involve borrowing against home equity for retirement or income and sometimes do not need to be repaid until after the owner's death.

**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.

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 is set up for use as an office or business 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. Follow-up questions asked if there were direct access to the outside without going through any other room and whether the space was used both as business space and for personal use. See also the definition "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 shingles; fixing water pipes; replacing parts of large equipment, such as a furnace; repairing fences, gutters, sidewalks, decks or patios; removing dangerous trees; or 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 the definition “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 for an explanation of sample design.

**Savings.** See the definition “Amount of savings and investments.”

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

**Seasonal units.** See the definition “Vacancy, seasonality.”

**Secured communities.** These types of communities are typically residential communities in which public access by nonresidents is restricted, usually by physical boundaries, such as gates, walls, and fences, or through private security. These communities exist in a myriad of locations and development types, including high-rise apartment complexes, retirement developments, and resort and country club communities.

**Secured multiunits.** Secured multiunits refer to one or more multiunit buildings that require some sort of special entry procedure, such as entry codes, key cards, or security guard approval for access. This also includes intercom systems where the occupants can identify and buzz-in visitors.

#### **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. Free-standing fireplaces are included in this item.

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

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

*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 the definition “Overall opinion of structure.”

#### **Selected deficiencies.**

*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* are 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)* are in the walls or ceilings of the housing unit. Included are cracks or holes that do not go all the way through to the next room or to the exterior of the housing unit. Hairline cracks or cracks that appear in the walls or ceilings, but are not large enough to insert the edge of a dime, are not counted. Very small holes caused by nails or other similar objects are also not counted.

*Broken plaster or peeling paint (interior)* are 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.

*Exposed wiring* is 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.

*Rooms without electric wall outlets.* are rooms without at least one working electric wall outlet. 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.

**Selected subareas.** Publications for three of the largest central cities and/or counties in each metropolitan area are shown in Chapters 2 through 6 of the metropolitan publications under the boxhead column “selected subareas.” For a list of the selected subareas in each metropolitan area, see the inside back cover of the metropolitan publications.

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

**Senior citizen communities.** These communities are age-restricted, meaning that at least one member of the family must be at least 55 years old or older.

**Means of sewage disposal.** 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.

*Sewage disposal breakdowns* 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.

**Sharing.** See the definitions “Cost and ownership sharing” and “Time sharing.”

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

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

**Source of drinking water.** The statistics are restricted to units where the respondent answered that the primary source of drinking water was not safe to drink. Units where the primary source of water is commercial bottled water are excluded. See the definition “Primary source of water.”

**Specified owner and renters.** See the definition “Monthly housing costs.”

**Square feet per person.**

*Publications.* 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 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 the definition “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 the definitions “Central cities” and “Metropolitan areas.”

**Suitability for year-round use.** See the definition “Vacancy, seasonality.”

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

**Taxes.** See the definitions “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

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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.** The 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 publications, medians for term of primary mortgage are rounded to the nearest year.

**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.

**Total home equity line-of-credit limit.** Total home-equity line-of-credit limit is a mortgage loan that is usually in a subordinate position and allows the property owner to obtain multiple advances of the loan proceeds at the borrower’s discretion, up to an amount that represents a specified percentage of the borrower’s equity in a property. This line-of-credit allows the property owner to borrow against the equity in the home from time to time without reapplying for a loan.

**Total outstanding line-of-credit loans.** The total outstanding line-of-credit loan is the current balance on the home equity line-of-credit. The current balance is usually reported on the monthly or quarterly statement.

**Total outstanding principal amount.**

*Publications.* The statistics represent the total amount of principal that would have to be paid 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 publications, medians for outstanding principal amount are rounded to the nearest dollar. The data include all regular mortgages and lump sum home equity, but exclude line-of-credit 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 the definition “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 Rural Housing Service/Rural Development (RHS/RD). 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.”

**Types of mortgages.** See the definition “Mortgages currently on property.”

**Units.** See the definitions “Housing unit,” “Occupied housing units,” and “Vacancy, seasonality.”

**Units in structure.** In determining the number of housing units in a structure, all units, occupied and vacant, are 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.

Manufactured/mobile homes are shown as a separate category (see the definition “Manufactured/mobile homes”).

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**Urban and rural residence.** As defined for the 1980 and 1990 censuses, *urban* housing comprises all housing units (a) in urbanized areas and (b) in *places* (see the definition “Place size”) 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 and 1990 censuses, 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, and the 1990 Census of Housing reports, *General Housing Characteristics*, CH-1-1.

**Utilities.** See the definition “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 as a 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 people with a 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 who has a usual residence in the city is included in the count of vacant units. The home in the city or the home of a comparable vacationing family also could 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 definition.

*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.



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*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 are measured as of the date of interview. Units that have always been used for short-term or seasonal occupancy are classified as *Never occupied as permanent home.*

**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 sales 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 publications, medians for value are rounded to the nearest dollar.

See also the definition "Ratio of value to current income."

**Water.** See the definitions "Plumbing facilities," "Primary source of water and water supply stoppage," "Safety of primary source of water," and "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 outside the building, and by the most common areas (roof, basement, walls, closed windows, or doors); or inside the building and the reasons of water leakage (fixtures backed up or overflowed or pipes leaked).

**Work.** See the definitions "Income" and "Journey to work."

**Worked at home last week.** This question determines who is working out of the office. This can include telecommuters (a company employee who works from home full- or part-time during normal business hours), real estate salesperson, and any person who works at home on a regular job.

**Worked at home last week for householder.** This question determines who in the household worked for the householder last week. The person need not be related to the householder. The time worked may have been part-time, even 1 or 2 hours last week. It includes baby-sitting for pay, helping out in a family store or family farm, and similar work. Excluded is the person's own housework or odd jobs around the house (painting the porch, cutting grass, etc.); unpaid babysitting for family, relatives, or friends; and unpaid volunteer work for a church, etc. Work done by residents of an institution is not considered work for the purpose of this survey. The time period covered is the full calendar week, from Sunday through Saturday, preceding the date the interview is completed.

**Year householder immigrated to the United States.**

See the definition "Citizenship."

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

See also the definition "Year structure built."

**Year primary mortgage originated.** The year the primary mortgage was originated is the year the mortgage was signed (see the definition "Primary mortgage"). In the publications, 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 manufactured/mobile homes, the manufacturer's model year was assumed to be the year built. For manufactured/mobile homes, the year the householder moved in can be earlier than the year the structure was built because the manufactured/mobile home site, not the manufactured/mobile home itself, is in sample. The householder could have replaced an older manufactured/mobile home with a newer model. In the publications, 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 publications, median year acquired is rounded to the nearest year.

# Appendix B. Sample Design and Weighting

## SAMPLE AREAS

The 2004 American Housing Survey Metropolitan Sample (AHS-MS) provides information on 13 metropolitan areas interviewed as part of the American Housing Survey (AHS), which was conducted by the U.S. Census Bureau for the U.S. Department of Housing and Urban Development.

Table B-1. **AHS-MS Interview Schedule and Sample Base**

MS area	Last interviewed	Sample base
Atlanta, GA MSA	1996	1990
Cleveland, OH PMSA	1996	1990
Denver, CO PMSA	1995	1990
Hartford, CT MSA	1996	1990
Indianapolis, IN MSA	1996	1990
Memphis, TN-AR-MS MSA	1996	1990
New Orleans, LA MSA	1995	1990
Oklahoma City, OK MSA	1996	1990
Pittsburgh, PA MSA	1995	1990
St. Louis, MO-IL MSA	1996	1990
Sacramento, CA PMSA	1996	1990
San Antonio, TX MSA	1995	1990
Seattle-Everett, WA PMSA	1996	1990

Most of these metropolitan areas in Table B-1 are consistent with the 1993 Office of Management and Budget (OMB) definitions of the metropolitan statistical area (MSA), consolidated metropolitan statistical area (CMSA), or primary metropolitan statistical area (PMSA) with the following exceptions:

- The Atlanta, GA MSA does not include Carroll County and Pickens County.
- The Cleveland, OH PMSA does not include Lorain County.
- The New Orleans, LA MSA does not include St. James Parish.

- The St. Louis, MO-IL MSA does not include Sullivan City in Crawford County, MO.

## Interview Schedules

The Census Bureau collected 2004 AHS-MS data between May and mid-September 2004.

Due to budget constraints, the sample sizes for each 2004 metropolitan area were reduced. The resulting sample size is shown in Table B-2.

Table B-2. **Sample Size in the American Housing Survey Metropolitan Areas 2004**

2004 AHS metropolitan area	2004 sample size (after reduction)
Atlanta, GA MSA	5,019
Cleveland, OH PMSA	4,639
Denver, CO PMSA	4,776
Hartford, CT MSA	4,663
Indianapolis, IN MSA	4,733
Memphis, TN-AR-MS MSA	4,525
New Orleans, LA MSA	4,323
Oklahoma City, OK MSA	4,679
Pittsburgh, PA MSA	4,651
St. Louis, MO-IL MSA	4,629
Sacramento, CA PMSA	4,615
San Antonio, TX MSA	4,777
Seattle-Everett, WA PMSA	4,654

The sample size equals the sum of eligible and ineligible units shown in Table B-3.

## Interview Activity

Table B-3 summarizes the interview activity for each of the 2004 metropolitan areas in this report series. The table provides the weighted response rate, the number of eligible units (comprised of completed interviews and noninterviews), and the number of units visited but ineligible for interview.

Table B-3. **Interview Activity for the 2004 AHS-MS Areas**

Metropolitan area	Weighted response rate (percent)	Eligible units			Ineligible units
		Total	Interviewed	Not interviewed	
<b>2004 AHS-MS total</b> .....	<b>91</b>	<b>57, 862</b>	<b>52,450</b>	<b>5,412</b>	<b>2,821</b>
Atlanta, GA MSA .....	93	4,768	4,419	349	251
Cleveland, OH PMSA .....	89	4,476	3,912	564	163
Denver, CO PMSA .....	92	4,669	4,241	428	107
Hartford, CT MSA .....	91	4,474	4,014	460	189
Indianapolis, IN MSA .....	94	4,524	4,229	295	209
Memphis, TN-AR-MS MSA .....	91	4,285	3,861	424	240
New Orleans, LA MSA .....	90	3,924	3,493	431	399
Oklahoma City, OK MSA .....	94	4,471	4,210	261	208
Pittsburgh, PA MSA .....	93	4,431	4,081	350	220
St. Louis, MO-IL MSA .....	95	4,328	4,079	249	301
Sacramento, CA PMSA .....	89	4,453	3,904	549	162
San Antonio, TX MSA .....	90	4,570	4,073	497	207
Seattle-Everett, WA PMSA .....	89	4,489	3,934	555	165

**AHS-MS SAMPLE HOUSING UNITS**

The sample housing units in the 2004 AHS-MS consisted of the following categories:

1. All sample housing units that were interviewed in the previous survey.
2. All sample housing units that were either Type A non-interviews (that is, units eligible to be interviewed) or Type B noninterviews (that is, units not eligible for interview at the time of the survey but which could become eligible in the future) in the previous survey. For a list of reasons for Type A and Type B noninterviews, see Appendix A for the definition of “Noninterview.”
3. All sample housing units selected from a listing of new residential construction building permits issued since the previous survey. This sample represented the housing units built in permit-issuing areas since the previous survey.
4. All sample housing units that were added since the previous survey in sample blocks from the nonpermit universe. This sample represented the housing built in non-permit-issuing areas since the previous survey.

**Sample Selection**

The Census Bureau initially grouped the housing units enumerated in the 1990 Census of Population and Housing into census blocks and assigned these blocks to either the unit/group quarters frame or the area frame, as follows:

1. Blocks located in an area that issued permits for new construction were assigned to the unit/group quarters frame.
2. All other blocks were assigned to the area frame.

The unit/group quarters frame was then 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 the National Health Interview Survey, (NHIS), the census blocks in the unit frame that contained sample units selected by NHIS were moved to the area frame.

All 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.

Sampling operations for all frames were performed separately within a designated group of counties in each state. Prior to the AHS-MS sample selection, records selected by other Census Bureau 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. Table B-4 presents the percentage of AHS-MS sample drawn from each frame.

Table B-4. **Percentage of 2004 AHS-MS Sample By Frame**

2004 AHS metropolitan area	Unit frame	Group quarters frame	Permit frame	Area frame
Atlanta, GA MSA .....	56.5	...	36.3	7.2
Cleveland, OH PMSA .....	79.7	...	7.2	13.1
Denver, CO PMSA .....	71.7	0.1	25.7	2.5
Hartford, CT MSA .....	82.1	0.6	11.1	6.2
Indianapolis, IN MSA .....	66.3	0.5	25.6	7.6
Memphis, TN-AR-MS MSA .....	67.4	0.6	23.0	9.0
New Orleans, LA MSA .....	76.1	0.3	5.1	18.5
Oklahoma City, OK MSA .....	71.0	0.1	14.2	14.7
Pittsburgh, PA MSA .....	72.8	0.5	8.9	17.8
St. Louis, MO-IL MSA .....	74.0	0.6	14.4	11.0
Sacramento, CA PMSA .....	59.5	0.1	24.1	16.3
San Antonio, TX MSA .....	68.3	0.5	18.2	13.0
Seattle-Everett, WA PMSA .....	72.1	0.3	22.5	5.1

... Not applicable.

**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. 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, based on specific listing instructions.

**Permit frame.** The Census Bureau selected sample units in the permit frame from a list of new construction building permits issued in each metropolitan area. 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. If the original clusters were larger than four, the units were sampled at 1 in 4.

**Area frame.** Remainder of the AHS-MS sample was selected in blocks that had more than 4 percent of the homes with inadequate street addresses or where newly constructed units do not require building permits. The first step was sorting census blocks by central city and balance, and then 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 4 and a systematic sample of blocks was selected. The sample blocks were listed and an expected four units were sampled from the lists. In blocks covered by building permit offices, non-mobile home housing units built since the 1990 census were screened out since these units are covered by the permit frame.

To reduce field listing costs, the unit frame blocks that were moved to the area frame to coordinate with NHIS

were matched to the census and the 1990 census list of housing units in these 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.

**Estimation**

The survey produced estimates of housing inventory characteristics at the midpoint of the interview period based on the sample in the metropolitan area. 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 occupied sample units for which occupants:

- were not home.
- refused to be interviewed.
- were unavailable for some other reason.

The Census Bureau computed the Type A noninterview adjustment separately for the following:

1. All occupied housing units with data available from a previous survey.

The adjustment for these units was calculated separately for owners in the central city, for owners in the balance, for renters in the central city, and for renters in the balance of the metropolitan area. All owner-occupied housing units were categorized into cells by

the number of rooms and the value. All renter-occupied housing units were categorized into cells by the number of rooms and the unit's contract rent.

2. All occupied housing units without data from a previous survey.

The occupied housing units with incomplete or none of the required data from a previous survey were divided into two groups by central city and balance. Within central city and balance, the housing units were subdivided by frame. Finally, the housing units were split on tenure status (owner/renter) at the time of the interview.

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 separately for the cells that were formed by combining strata used in the sample selection of the unit frame. This procedure corrected the probabilities of selection in each of the sample strata. Prior to the AHS-MS sample selection, 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 proportion of housing units deleted from each of the unit frame strata was not necessarily equal as was assumed, some variation between strata in the actual probability of selection was introduced during the sample selection. The unit-frame ratio-estimation factor for each cell was equivalent to:

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

The denominators of these factors were the weighted estimates of all the AHS-MS housing units in existence at the time of the 1990 census from the unit frame, using the product of the basic weight and the Type A noninterview adjustment factor.

**Mobile home ratio estimation.** To adjust for undercoverage of mobile homes, the Census Bureau assumed the same undercoverage of mobile homes experienced in the last enumeration and applied the undercoverage factors from 1995 for the four appropriate metropolitan areas and from 1996 for the nine appropriate metropolitan areas. For more details on the calculation of these undercoverage factors, refer to Current Housing Reports, Series H170/95 and H170/96 for the appropriate metropolitan areas.

**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.

To lower the undercoverage of non-mobile homes, the Census Bureau applied the following ratio estimation procedure in all areas:

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

The numerator of this ratio was determined by a model consisting of the following components:

1. Census 2000 Housing Units. The Census 2000 counts of housing units are updated each year through the Geographic Update System to Support Intercensal Estimates to reflect boundary updates from the Boundary and Annexation Survey, Count Question Resolution actions, and administrative revisions.
2. Estimated Residential Construction since April 1, 2000. This component is calculated through a formula involving counts of new residential construction in non-permit issuing areas since April 1, 2000, plus counts of residential building permits that resulted in the construction of new units times a factor of 0.98 (since 2 percent of all building permits never result in the actual construction of a housing unit).
3. Estimated New Mobile Home Placements. The Census Bureau derives estimates for mobile homes by allocating state mobile home shipment data to subcounty areas based on the subcounty area's share of state mobile homes in Census 2000.
4. Estimated Housing Loss. The yearly estimates of housing unit loss are based on data derived from the 1993 Components of Inventory Change Survey and 1990 census data. The following four types of housing units were identified to be at a greater risk of loss:
  - Mobile homes
  - Older units constructed before 1939
  - Vacant for seasonal or recreational use
  - Boarded up
5. Final State and County Housing Unit Estimates. The housing unit estimates at the subcounty level are summed to obtain county level housing unit estimates, which are then summed to produce state level housing unit estimates.

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For a more detailed description of the determination of these numbers, see <[http://www.census.gov/popest/topics/methodology/2003\\_hu\\_meth.pdf](http://www.census.gov/popest/topics/methodology/2003_hu_meth.pdf)>. The denominator was obtained using the product of the basic weight and the weighting factors of AHS-MS sample units, excluding mobile homes.

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.

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.

# Appendix C.

## Historical Changes

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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 1984, 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 topic "Buildings and neighborhood."

### **Bars on windows of buildings.**

**1987, 1989, and 1997.** See the topic "Buildings and neighborhood."

### **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.)

### **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 Quality*

*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.

### **Buildings and neighborhood.**

**1987.** As a result of using 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 a 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).

### **Citizenship.**

**2001.** In the 2001 survey, all households were asked the country of birth questions. This new question series was asked of all existing household members. These questions include:

- In what country was ... born?
- Is ... a citizen of the United States?
- Was ... born a citizen of the United States?
- Did ... become a citizen of the United States through naturalization?
- When did ... come to live in the United States?

### **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.

The *Codebook for the American Housing Survey, Public Use File: 1997 and Later*, version 1.0, updates Volume 3 providing more detailed descriptions of the public use file variables and descriptive text covering survey procedures.

Some of the older surveys have additional documentation. Besides a *Questionnaire Compendium* (900 pages) with 1973–81 questionnaires (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*.

Copies of codebooks can be obtained from HUD User (see the table on page vii).

### **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



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in metropolitan surveys, though some of those interviews were completed on paper by telephone from the interviewer's home). 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 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 interviewing (CAI) using laptop computers. Both the survey questions and 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 programming of the skip instructions eliminated 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 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.

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**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 manufactured/mobile homes on property
- Stories in structure and stories from main entrance
- Value  
(Value was verified if the current value was 35 percent higher or lower than the value reported in the previous 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 currently owner occupied but renter occupied during the previous 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 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 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.

#### **Geography.**

**2001.** Starting in 2001, the data used for the national books were changed by switching from 1980 census-based geography to 1990 census-based geography. This change affected the following geography data items that are used in the weighting procedures:

- Central city, suburb, or nonmetropolitan
- Urban or rural

Table C-1. **Comparison of 1990 Geography-Based Weighting to 1980 Geography-Based Weighting—All Housing Units: 2001**

Characteristic	Total	In MSAs		Outside MSAs	Urban		Rural		
		Central cities	Suburbs		Total	Outside MSAs	Total	Suburbs	Outside MSAs
<b>1990 GEOGRAPHY AND WEIGHTING</b>									
<b>Total Housing Units</b>									
Total .....	119,117	35,076	57,983	26,058	86,657	8,765	32,460	14,814	17,293
Seasonal .....	3,078	184	982	1,913	823	203	2,256	522	1,710
Year-round .....	116,038	34,892	57,001	24,145	85,834	8,562	30,204	14,292	15,583
Occupied .....	106,261	31,731	53,574	20,957	79,146	7,469	27,115	13,321	13,488
Owner .....	72,265	16,870	39,420	15,975	49,500	4,841	22,764	11,384	11,133
Renter .....	33,996	14,861	14,153	4,982	29,646	2,627	4,351	1,938	2,355
Vacant .....	9,777	3,161	3,427	3,188	6,688	1,094	3,089	970	2,095
For rent .....	2,916	1,326	933	657	2,466	349	450	137	308
For sale only .....	1,243	341	496	406	825	146	418	156	261
Rented or sold .....	731	234	341	156	550	70	180	93	86
Occasional use/URE .....	2,594	537	910	1,146	1,457	336	1,137	325	810
Other vacant .....	2,293	724	747	823	1,389	193	904	260	630
<b>1980 GEOGRAPHY AND WEIGHTING</b>									
<b>Total Housing Units</b>									
Total .....	119,117	35,079	56,058	27,980	83,016	9,143	36,101	17,090	18,837
Seasonal .....	3,037	185	1,178	1,674	871	158	2,166	642	1,515
Year-round .....	116,079	34,894	54,879	26,306	82,144	8,985	33,935	16,449	17,321
Occupied .....	106,408	31,633	51,352	23,423	75,553	8,016	30,855	15,293	15,407
Owner .....	72,365	16,254	38,227	17,884	46,456	5,099	25,909	13,006	12,785
Renter .....	34,042	15,379	13,125	5,539	29,097	2,917	4,945	2,287	2,621
Vacant .....	9,672	3,261	3,528	2,883	6,591	969	3,080	1,156	1,915
For rent .....	2,885	1,356	955	573	2,426	306	459	190	267
For sale only .....	1,230	355	507	369	815	132	416	179	237
Rented or sold .....	752	256	338	158	547	62	205	106	96
Occasional use/URE .....	2,537	525	932	1,081	1,384	276	1,153	346	805
Other vacant .....	2,267	769	795	703	1,419	193	848	335	510

Table C-1 provides weighted counts of housing units using 1980 geography and the 1980 weights, versus 1990 geography and the 1990 weights. The microdata file will continue to show only 1980 geography for confidentiality reasons.

#### 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.

#### Hispanic origin.

**2003.** In accordance with Office of Management and Budget (OMB) directives, the order of the Hispanic origin and the race question were reversed (placing Hispanic origin before race). Also see the topic “Race.”

**Home equity loans.** See the topic “Mortgage.”

#### 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 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, it would be 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 five or more people unrelated to the householder was considered to be group quarters. In 1984, the cutoff was changed to nine or more people unrelated to the householder.

#### **How the housing unit was acquired.**

**1997.** Beginning in 1997, all homeowners were asked how they obtained their home. The homeowners’ responses were stored on the national microdata file but not published in the national book. The possible answers to the new question include:

- Buy a house already built.
- Sign a sales agreement that included the land as well as the cost of building the house (includes both units that were under construction and those not yet started).
- Build it yourself on your own land (includes person acting as own general contractor; also includes lease land).
- Receive it as a gift or inheritance.

**2001.** The year the data were first published in the national book.

#### **Income.**

**1984.** See 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 the definitions 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 C-2 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 for housing cost as a percent of income are the same regardless of types of income.

For renter households, the medians are 29 and 27 percent, respectively.

Table C-2. **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

**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.

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 topic “Income.”

**2001.** In the questions used to inventory the cash benefits a person received over the past 12 months, the answer category “Receive SSI/AFDC/Other Welfare” was changed to “Receive SSI, Public Assistance, or Welfare Payments, such as [state TANF program name].” Individual states used different names for their Temporary Assistance to Needy Families (TANF) programs, so the question wording varied by state. This was done to update the source of income questions because the passage of the Personal Responsibility and Work Opportunity Reconciliation Act of 1996 replaced the AFDC assistance program with TANF.

**2004.** Whether or not a resident of the housing unit received SSI payments was collected in a separate category. In 2003 and earlier, the receipt of SSI payments was collected in a combined category that included public assistance and welfare payments.

#### **Items dropped.**

**2001.** See the topic “Questionnaire.”

#### **Items published for the first time.**

**2001.** See the topic “Questionnaire.”

#### **Kitchen.**

**1984.** Short questions are asked about each aspect of a complete kitchen; 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, occupant provides 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” (under “Equipment”). 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.

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## Lead paint.

**2001.** The lead paint questions were dropped. These questions were asked in all housing units built before 1978 to collect data on signs of lead paint hazards (for example, peeling paint, paint chips, and so forth). They also asked if the household was notified of lead paint hazards.

**Line of credit.** See the topic “Mortgage.”

## 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 Appendix A for the definition of “Metropolitan areas”). 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 nonrelative 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 nonrelative (not only rent).

**1995.** The nonrelative sharing housing costs questions were dropped and the lodger 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. An adult relative is defined as a relative 21 years or older who is not a co-owner or co-renter and is 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.

## Manufactured/mobile homes.

**1984.** Manufactured/mobile homes with attached permanent rooms began to be counted as mobile homes, while previously they were counted as single-family units. Manufactured/mobile homes with attached permanent rooms are identified separately in the microdata. See the topic “Housing unit definition.”

**1985.** See the topic “Weighting.”

## 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 C-3 provides corrected figures for 1987.

Table C-3. **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

**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 (SMSAs). The criteria were published by the U.S. Bureau of Budget in *Standard Metropolitan Statistical Areas, 1959*. The boundaries were published by 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.

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. More major revisions occurred in 1983 using results of the 1980 census. 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.

**2001.** Data in the 2001 AHS National publication are weighted using 1990 census-based geography. However, data on the 2001 microdata file are weighted using 1980 census-based geography.

**2003.** Data in the 2003 AHS National publication are weighted using 2000 census-based geography. However, data on the 2003 microdata file are weighted using 1990 census-based geography.

**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. Either 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 topic “Housing costs and value.”

**Mortgage.**

**1999.** The “reverse mortgage” item under “Mortgages currently on property” was eliminated. In 2001, this item was reinstated.

**2001.** The collection of data for reverse mortgages was reintroduced in 2001. In addition, new mortgage questions were added and modifications were made to existing mortgage questions to more clearly delineate home-equity loans from regular mortgages, as well as to clearly differentiate between home-equity lump-sum loans and home-equity lines of credit. In addition, more detailed information was collected on home-equity lump-sum loans than in the past.

In 1997 through 1999, respondents were asked if they had a regular (other than a home equity) mortgage. If they answered “yes,” they were asked how many regular mortgages they had. Respondents were also asked if they had a home-equity loan. If they answered “yes,” they were asked how many home-equity loans they had.

Detailed characteristics were collected on the first three regular mortgages. One of the regular mortgages was determined to be the primary mortgage. Data were also collected on the first three home-equity loans; although, not as much detail was collected on home-equity loans as was collected on regular mortgages. One of the home-equity loan questions was if the home-equity loan was a lump-sum line-of-credit.

In 2001, separate counts of lump-sum home-equity loans and lines-of-credit home-equity loans were obtained. As in 1997 through 1999, respondents were asked if they had a regular mortgage and if “yes,” how many. Next they were asked if they had a lump-sum home-equity loan and if “yes,” how many. Finally, they were asked if they had a home-equity line-of-credit and if “yes,” how many.

Detailed characteristics were collected for both regular mortgages and lump-sum home-equity loans in 2001. The detailed characteristics continued to be collected on the first three mortgage loans with regular mortgages having priority over lump-sum home-equity loans. For example, if the respondent had two regular mortgages and two lump-sum home-equity loans, the detailed data were collected on the two regular mortgages and the first lump-sum home-equity loan reported. In addition, regular mortgages also took priority in being designated the primary mortgage. For example, if the respondent reported one regular mortgage and one lump-sum home-equity loan, the regular mortgage was considered to be the primary mortgage. If, however, the respondent only reported having a lump-sum home-equity loan, the lump-sum home-equity loan was designated the primary mortgage. The data collected for home-equity lines-of-credit loans remained the same in 2001 as in 1997 through 1999.

**2003.** Several programming errors were discovered and corrected in the mortgage edits. These errors primarily affect households that indicated they had a second mortgage but provided little information about it (i.e., had a high level of item nonresponse to the second mortgage questions). The errors typically caused such households to have their second mortgage blanked and also changed the characteristics of the first mortgage.

Compared with data with the erroneous edits, the estimated number of households having two or more mortgages increased by 147,000 (1.64 percent). Most of these households would have otherwise been coded as having one mortgage only; the number of households with one mortgage decreased by 134,000 (-0.39 percent). Again, compared with data with the erroneous edits, the corrections decreased by 11,000 (0.04 percent) the number of households with units owned free and clear; increased by 21,000 (0.04 percent) the number of households with a

regular mortgage; and increased by 5,000 (0.13 percent) the number with a lump-sum home-equity mortgage. The number of home-equity lines of credit was not affected.

The biggest differences in the characteristics of mortgages are for the “Not reported” categories (many of the mortgage variables are not allocated). More than an estimated 100,000 not reported households were added for several of the mortgage items.

All these differences are relatively minor when compared with the total estimates for any given category. As a result, 2001 mortgage data will not be corrected. Users are cautioned, however, that both underestimates of mortgages and their characteristics exist in the published 2001 American Housing Survey data. These errors do not affect survey years prior to 2001.

#### **Name change.**

**1984.** The AHS changed its name from the Annual Housing Survey to the American Housing Survey. See the opening paragraph of this appendix.

#### **Neighborhood.**

**1987, 1989, and 1997.** See 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 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 1993 and earlier were incorrect and should not be used. The 1995 data are correct.



Table C-4. **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 <sup>1</sup>	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

... Not applicable.

<sup>1</sup>Lacks 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).

**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 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 Table C-4). 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 C-4. This increase also affected medians as Table C-5 shows.

Table C-5. **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

**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), although 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 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 C-6 presents the differences.

Table C-6. **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.

**2004.** Starting in 2004, we made two changes in the metropolitan microdata files to the method of counting the number of children and adults in the poverty calculations. First, nonrelative children who are household members and under the age of 18 years are now counted as children. Prior to 2004, nonrelative children were counted as adults. Second, the poverty line is defined only for households of nine persons or less. Before 2004, in large households (with more than nine persons), children had been counted first toward the ratio of children to adults within the household. For example, a household with six children and six adults had been treated as a household with six children and three adults for the purpose of calculating poverty. This was changed to count adults first, thus changing this example to six adults and three children.

These changes affected a fairly large number of cases. In the 2003 national data, 5.1 percent of households had their number of children changed by the new procedures. However, they had an extremely small effect on the number of households in poverty. Had this change been implemented in 2003, it would have reduced the number of households in poverty by 29,000, a reduction of 0.03 percentage points (from 13.19 percent to 13.16 percent).

## 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.

**2001.** In 2001, a new answer category “Not in school” was added in the school item.

## Public transportation.

**2001.** In 2001, a new item “Does anyone in the household ever use public transportation?” was added to the public transportation series.

## 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 include:

- 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, 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 include:

- 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 topic “Computer-assisted interviewing.”

For copies of questions used in the laptop computers, call HUD USER at 1-800-245-2691 or the American Housing Survey Branch, U.S. Census Bureau at 301-763-3235.

The questionnaires have been published for reference as shown in Table C-7.

Table C-7. **Reprints and Indexes of Questionnaires**

Year	Printed books	Codebook		
		Volume 1	Volume 2	
	Reprints	Reprints	Reprints	Index
1973 . . . . .	Occ, Vac	...	...	...
1974–81 . . . . .	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 <sup>1</sup> . . . . .	...	...	...	...

... Not applicable.

\* An alphabetical index to the questions is provided.

<sup>1</sup>For surveys conducted since 1997, the only questionnaires are downloadable computer scripts or computer files containing the text of the questions.

Note: Many of the books listed above are downloadable, but those downloadable versions exclude the questionnaires.

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.

**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 topic “Dependent interviewing.”
- The procedures for collecting data were changed for four items. See 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 topic “Main house heating fuel.”

A number of new items was 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 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

**2001. New items**—More new items were introduced in the survey (See Appendix A for definitions):

- Cash received in primary mortgage refinanced
- Citizenship of householder
- Community quality
- Current line-of-credit interest rate
- Land contract
- Line-of-credit amount used for home additions, improvements, or repairs
- Line-of-credit monthly payment
- Percent of nonrefinanced primary mortgage, including home-equity lump-sum used for home purchase and improvement
- Percent of primary mortgage refinanced cash used for home additions, improvements, or repairs
- Percent of the loan used for the purchase of the home or addition
- Reason primary mortgage refinanced
- Secured communities
- Secured multiunits
- Senior citizen communities
- Total home-equity line-of-credit limit

- Total outstanding line-of-credit loans
- Year householder immigrated to the United States

*Dropped items*—Data on painted surfaces were dropped from the AHS. In 1999, data on this topic were published as microdata.

### **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.”

**2003.** Beginning in 2003, multiple race classifications were introduced for the first time and the “Other” category was eliminated from the tabulation through the edit process. People were asked to respond to the question on race by indicating one or more of the six race categories. Respondents who chose only one race are referred to as the race *alone* population. Respondents who chose more than one of the six race categories are referred to as the *Two or More Race* population. Starting in 2003, AHS began using the complete CPS persons’ edits. These do not allow “Other” entries in race, but allocate one of the five specified response categories to those people reporting “Other” race. In the past, the “Other” race category contained write-in entries, such as “human being” and “brown.” Previously, many Hispanic householders (about 30 percent in 2001) stated that they were “Other” race, and 78 percent of the “Other” race householders were Hispanic. In 2003, although people may have reported themselves as “Other” race, the edits allocated them to a different race category. So, while over 7,000 people, 6,100 of whom were Hispanic, said they were “Other” race, the edits assigned a category of “White only” to 92 percent of the Hispanics who had reported “Other” race. However, this corresponds to what Hispanics say who report a race category.

### **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.

### **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, but did answer the following:

- “Yes” to the question: “As 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 C-8 presents 1999 rent reduction data using both the old procedures and the new 1999 procedures for renter-occupied units. The new procedures provide an 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.

Table C-8. **Rent Reductions Using Old and New Procedure for the United States: 1999**

Category	Old	New
<b>Total, renter occupied</b> .....	<b>34,007,000</b>	<b>34,007,000</b>
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

### Replacements and additions.

**2004.** The question, “Was that wall-to-wall carpeting installed over existing, finished flooring, or was that put down over bare sub-flooring, such as concrete or unfinished wood?” was no longer asked. The question, “In the last two years, have you installed any wall-to-wall carpeting?” was still part of the survey.

### Rooms in unit.

**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 the 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 C-9.

Table C-9. **One-Room Units and Units With No Bedrooms in AHS: Selected Years**

Area and year	One-room units	Units with no bedrooms
<b>United States</b>		
1999 .....	624,000	1,250,000
1997 .....	471,000	619,000
1995 .....	862,000	1,519,000
<b>San Francisco-Oakland, CA</b>		
1998 .....	25,300	30,200
1993 .....	35,500	73,900
<b>San Jose, CA</b>		
1998 .....	3,400	4,400
1993 .....	4,900	8,800
<b>Tampa-St. Petersburg, FL</b>		
1998 .....	1,700	3,000
1993 .....	3,800	8,900
<b>Salt Lake City, UT</b>		
1998 .....	400	500
1992 .....	900	2,400
<b>Baltimore, MD</b>		
1998 .....	900	900
1991 .....	2,800	5,200
<b>Cincinnati, OH-KY-IN</b>		
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.

**2001.** The range for “Other finished rooms” was increased from “0 to 5” to “0 to 10.”

### **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 the topic “Weighting” 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 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 301-763-3235. 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.

### **Selected Subareas and Selected Geographic Areas.**

**2002.** In the occupied chapters of the following 2002 American Housing Survey (AHS) publications, the data are incorrect for the boxhead columns “Selected Subareas” and the stub item “Selected Geographic Areas.” The metropolitan areas involved are: Anaheim-Santa Ana, CA; Buffalo, NY; Dallas, TX; Fort Worth-Arlington, TX; Milwaukee, WI; Phoenix, AZ; Riverside-San Bernardino-Ontario, CA; and San Diego, CA.

A processing error resulted in a significant number of cases not being tallied under the “Selected Subareas” columns and for the stub item “Selected Geographic Areas.” The data shown in the publications are underestimates for these items. The processing errors were corrected. Although there are no plans to issue new paper copies of the publications, revised PDF copies can be seen on the Internet at the U.S. Census Bureau’s Web site <[www.census.gov/prod/www/abs/h170sma.html](http://www.census.gov/prod/www/abs/h170sma.html)>.

### **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 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 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 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 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 multi-unit structures by approximately 898,000. Table C-10 provides revised levels of 1983–85 growth by adding 1983 overestimates and subtracting 1983 underestimates to the 1983–85 change shown in Table C-11.

Table C-10. **Revised Change in the Year-Round Housing Inventory by Units in Structure: 1983–85**

Units in structure	1983–85 change	Add 1983 overestimate	Subtract 1983 underestimate	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

– Represents zero.



Table C-11. **Change in the Published 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

**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.)

**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.

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 (RECS) sponsored by the U.S. 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 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.

**Utilities.**

**1993.** The procedures introduced in 1989 were improved and expanded from two to three procedures.

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 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 derived from the Residential Energy Consumption Survey (RECS) sponsored by the U.S. Department of Energy. These formulas take into account the following characteristics of the unit: the census division where it is located, electric heat, electric water heating, natural gas heat, 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, derived from the RECS data, to estimate yearly costs that are then divided by 12. Because more than 1 month’s worth of real costs are available, it is rarely necessary to take into account detailed characteristics of the unit as is

done in procedure one. (In some cases where 2 months of data are provided, detailed characteristics of the unit are taken into account.)

If the respondent answers “no,” that he or she does not have separate records for the electricity (or gas), the respondent is asked to provide an estimate of the average monthly costs. In this case, a procedure similar to the first is used. As in the case where 1 month of billing data is provided, the reported monthly average is adjusted using regression formulas derived from the RECS data, that take into account both the reported amount of electricity charges and detailed characteristics of the unit.

Finally, a factor is then applied to the electricity and gas costs to benchmark them to RECS averages. A full explanation of the formulas is in Appendix E of *Codebook for the American Housing Survey*, Volume 3. .

**Vacant units.**

**1984.** See the topics “Housing unit definition” and “Weighting.”

**Value.**

**1984.** See 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 C-12 shows that the sources of these control totals have changed.

Table C-15 (at the end of this section) compares basic housing unit characteristics using 1980 and 1990 weights.

**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.

Table C-12. **Sources of Control Totals for AHS**

Survey	Census used as basis	Method of updating
<b>NATIONAL SURVEYS</b>		
1973–80 . . . . .	1970	Current Population Survey
1981–83 . . . . .	1980	Current Population Survey
1985–89 . . . . .	1980	Current Population Survey, 1980 undercount, mobile home placements
1991 and later . . . . .	1990	Formula, see Appendix B
<b>METROPOLITAN SURVEYS</b>		
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

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 show 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 C-13 shows the effects of the weighting change by region for the year 1991.

Table C-13. **1991 AHS: Change 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 units ..	-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 C-14. **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

Table C-14 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.

**2001.** Table C-16 compares the switch from using 1980 census-based geography to 1990 census-based geography, which affected several steps in the weighting procedures and the geography data items used in those steps. However, data on the 2001 microdata file are weighted using 1980 census-based geography. For more details, refer to the "Estimates" section of Appendix B.

**2003.** In 2003, the independent estimates (control totals) used to produce the weights were based on Census 2000 with an estimate of change since then. This 2000-based weighting produces, on average, estimates that are about 1.0 percent lower than 1990-based weighting.

The 2003 AHS-N estimates are not available using 1990-based weighting. For comparative purposes, 2001 data were produced using 2000-based weighting (the original data products used 1990-based weighting). As can be seen in Table C-15, the switch from 1990-based to 2000-based weighting produced a 1.0 percent lower estimate for 2001 at the United States level. The effect of the weighting change ranged from a 2 percent drop in the West to two-tenths of a percent increase in the Northeast. Summary characteristics of the housing inventory for 2001 using 2000-based weighting are shown in Table C-17. These data should be used when comparing the 2001 AHS to the 2003 AHS. Detailed 2001 AHS-N data using 2000-based weighting are available from the Housing and Household Economic Statistics Division, U.S. Census Bureau, Washington, DC 20233-8500 (301-763-3235).

Table C-15. **Total Housing Units in 2001 From the American Housing Survey Using 1990-Based and 2000-Based Weighting**

Area	2000-based weighting (revised)	1990-based weighting (as published)	Difference	Percent difference
United States ..	118,196,000	119,117,000	-921,000	-1.0
Northeast. ....	22,382,000	22,347,000	35,000	0.2
Midwest. ....	27,396,000	27,748,000	-352,000	-1.3
South. ....	43,466,000	43,571,000	-105,000	-0.2
West. ....	24,953,000	25,450,000	-497,000	-2.0

### 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.

### 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.



Table C-17. **Summary Characteristics of the Housing Inventory from the 2001 American Housing Survey Using Weights Based on Census 2000**

Characteristics	Total	In MSAs		Outside MSAs
		Central cities	Suburbs	
<b>Total Housing Units</b> .....	<b>118,196</b>	<b>34,760</b>	<b>57,584</b>	<b>25,851</b>
Seasonal .....	3,055	182	976	1,897
Year-round .....	115,141	34,578	56,608	23,954
Occupied .....	105,435	31,439	53,207	20,789
Owner .....	71,708	16,703	39,157	15,848
Renter .....	33,727	14,736	14,050	4,941
Vacant .....	9,705	3,139	3,401	3,165
For rent .....	2,893	1,316	925	652
For sale only .....	1,234	338	493	403
Rented or sold .....	726	233	338	155
Occasional use/URE .....	2,577	535	904	1,138
Other vacant .....	2,275	718	740	817
<b>Year-Round Housing Units</b>				
<b>Total</b> .....	<b>115,141</b>	<b>34,578</b>	<b>56,608</b>	<b>23,954</b>
Condominium/cooperative .....	6,239	2,063	3,721	454
1, detached .....	70,912	16,832	37,211	16,869
1, attached .....	8,215	3,419	4,145	651
2-or-more units in structure .....	27,805	13,680	11,356	2,769
Manufactured/mobile home .....	8,208	646	3,897	3,666
Built 2000 or later .....	3,045	615	1,872	557
Built 1990 to 1999 .....	15,716	2,749	9,511	3,457
Built 1939 or earlier .....	21,218	9,355	6,480	5,383
Lacking plumbing .....	2,034	692	791	551
Public housing .....	1,850	975	505	370
Government subsidy .....	2,091	1,000	741	349
Other, income verification .....	2,327	1,076	1,007	244
Northeast .....	21,690	6,949	12,305	2,436
Midwest .....	26,621	7,620	11,845	7,157
South .....	42,448	11,523	20,145	10,779
West .....	24,382	8,486	12,313	3,582
<b>Owner-Occupied Housing Units</b>				
<b>Total</b> .....	<b>71,708</b>	<b>16,703</b>	<b>39,157</b>	<b>15,848</b>
Elderly householder .....	17,385	4,198	8,628	4,559
Black householder .....	6,286	2,765	2,606	914
Hispanic householder .....	4,684	1,756	2,456	472
Householder moved in last year .....	5,608	1,314	3,180	1,114
Respondent moved in last year .....	5,962	1,391	3,404	1,166
All workers .....	84,296	19,423	47,892	16,981
Householders who worked last week .....	43,580	10,215	24,467	8,898
2-or-more-person households .....	56,425	12,584	31,713	12,128
Married-couple families, no nonrelatives .....	44,273	9,106	25,445	9,723
1-person households .....	15,283	4,119	7,444	3,720
<b>Renter-Occupied Housing Units</b>				
<b>Total</b> .....	<b>33,727</b>	<b>14,736</b>	<b>14,050</b>	<b>4,941</b>
Elderly householder .....	4,270	1,819	1,710	740
Black householder .....	6,937	4,158	2,191	588
Hispanic householder .....	5,037	2,709	1,998	329
Householder moved in last year .....	10,951	4,587	4,617	1,748
Respondent moved in last year .....	11,550	4,886	4,863	1,802
All workers .....	34,626	14,673	15,236	4,717
Householders who worked last week .....	21,600	9,317	9,312	2,971
2-or-more-person households .....	21,071	8,982	8,994	3,095
Married-couple families, no nonrelatives .....	9,017	3,838	4,198	1,436
1-person households .....	12,656	5,754	5,056	1,846

# 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 sources:

- 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 1991 and 2003 (see Appendix C) corrected some of the error due to incomplete data; that one correction averaged 2.5 percent in 1991 and 1.0 percent in 2003. 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 the Census Bureau's 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 (see Appendix B, "Independent total housing unit ratio estimation"). The approximate housing unit undercoverage rates for the 2004 metropolitan areas range from 1.5 percent to 10.3 percent. Table D-1 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.<sup>1</sup> The Census Bureau does not know how close the imputed

Table D-1. **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 1990 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 non-permit-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 non-residential units	1970-based metropolitan areas: Nonresidential units at the time of the 1970 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	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.

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 do not answer a particular question, they represent about 10 million homes that have to be estimated. The survey estimates adjust for them by assuming that they are like some group of homes that did give data. This assumption 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

<sup>1</sup>Hot deck allocation is used: an answer is copied from the most recently processed similar household before the household with the missing item.

shown in Table D-2, 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.<sup>2</sup>

Rates of completeness were not computed for 2004. 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 2004 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 2004.

**Effect on income.** The nonsampling errors interact particularly badly for income. Income questions are inconsistently answered (Table D-3), incompletely answered, and the totals fall short of totals known from the National Income Accounts, especially for the elderly.<sup>3</sup>

**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 over time. As described in Appendix C, the questionnaire now runs on interviewers' portable computers, resulting in the following possible changes:

- The correct questions should be asked. Skip patterns are 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.
- Some respondents may dislike the presence of the computer, though interviewers do not report such 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 to be changed.

<sup>2</sup>Statistical 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  $1.645 \times .0363 \times$  (lesser of A or U-A) where "A" is any count from the AHS and U is the total number of housing units in the United States 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. See "Where to Get AHS Data" in *How Response Error, Missing Data and Undercoverage Bias Survey Data*, order number HUD-6458. This is available from HUD USER.

<sup>3</sup>Data 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" in this publication).

- For some questions, large changes from prior year data are probed during the interview to reduce mistaken measurement of change.

## WRONG ANSWERS

Wrong answers happen because people misunderstand questions, cannot recall the correct answer, or do not want to give the right answer. Table D-3 shows which items have been measured for inconsistency when people are reinterviewed after a few weeks. The 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 2004 AHS-MS, the wording for some questions changed. These changes were expected to lower the level of inconsistency for the changed items. The numbers in Table D-3 are percentages. They are nearly the same as 100 minus the correlation between answers in the original interview and the reinterview. For example, an inconsistency of 20 means a correlation of 80 percent, which is good. This is the correlation between answers to the same question, usually from the same respondents, a month apart. Wrong answers create wrong results and mean that data on groups (for example, income groups) are infected with data from people who really are not like the group at all. Errors are especially troublesome for rare items where even small errors overwhelm the true data. Readers should be wary of drawing firm conclusions from items with high inconsistency or from categories smaller than a few million homes.

## SAMPLING ERRORS

**Sampling errors definition.** Error from sampling reflects 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 an elderly person). 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 D-4 gives a list of errors for a range of numbers for the 2004 AHS-MS metropolitan areas. For numbers not found in this table, interpolate between the numbers in the table or use the appropriate formula from Table D-5 for the 2004 AHS-MS metropolitan areas. In each formula, “A” is a number (a count of units in thousands) from the AHS. Remember in any case that the total error is larger than sampling error.

For example, suppose there are 320,000 owner-occupied housing units in the Atlanta, GA MSA (that is, A = 320). The error from sampling for a 90-percent confidence interval for those 320,000 owner-occupied housing units is

$$1.645 \times \sqrt{(.440 \times 320) - [(.000254) \times (320 \times 320)]} = 17.6$$

The 90-percent confidence interval can then be formed by adding and subtracting this error to the survey estimate of 320 (that is,  $320 \pm 17.6$ ). Statements such as “the actual value is in the range 320 plus or minus 17.6 (that is, 302.4 to 337.6)” are right 90 percent of the time and wrong 10 percent of the time.

Numbers in the book are printed in thousands, so 320 means 320,000. The formulas are designed to use numbers directly from the book; do not add zeros. The result is also in thousands, so 17.6 means 17,600.

**Percents.** Any subgroup can be shown as a percent of a larger group. For AHS-MS metropolitan areas, use the appropriate formula in Table D-6. In each formula, p is the percent and 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 320 non-mobile home units (meaning 320,000) is:

$$1.645 \times \sqrt{\frac{.440 \times 40 \times (100 - 40)}{(320)}} = 3.0$$

Statements such as “the actual percent is in the range 37.0 percent to 43.0 percent” are right 90 percent of the time.

Note that when a ratio C/D is computed where C is not a subgroup of D (for example, the number of Hispanics as a ratio of the number of Blacks), the error from sampling is different.<sup>4</sup>

**Medians.** The steps in Table D-7 calculate the error from sampling for a 90-percent confidence interval for medians. This is an approximation to the error.

For small bases, the confidence interval on medians cannot be estimated reliably. To estimate a median’s sampling error more accurately, find the sampling error on 50 percent, as described in Table D-8, and compute the 90-percent confidence interval.

**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.<sup>5</sup>

**Formulas for error from sampling.** The letter “A” in the formulas in Tables D-5, D-6, D-7, and D-8 represents a number (a count of units in thousands) from AHS (see the “Counts” section for an example of how “A” is used).

For a 90-percent confidence interval on zero for the 2004 AHS-MS, refer to Table D-4 where the size of the estimate is zero. 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.

<sup>4</sup>The error from sampling for a 90-percent confidence interval for a ratio C/D is  $C/D\sqrt{(\text{error for } C/C)^2 + (\text{error for } D/D)^2}$ , where the error for C should be interpreted as the error for a 90-percent confidence interval for C. Likewise, the error for D should be interpreted as the error for a 90-percent confidence interval for D.

<sup>5</sup>When 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  $\sqrt{(\text{error for first number})^2 \pm (\text{error for second number})^2}$ . 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.



Table D-2. **Errors for Incomplete Data Bias: 2004 AHS-MS**

(Numbers in thousands)

Size of estimate	Atlanta, GA	Cleveland, OH	Denver, CO	Hartford, CT	Indianapolis IN	Memphis, TN-AR-MS	New Orleans, LA	Oklahoma City, OK	Pittsburgh, PA	Sacramento, CA	St. Louis, MO-IL	San Antonio, TX	Seattle- Everett, WA
0 .....	3.4	1.7	1.8	1.0	1.4	0.9	1.1	0.9	2.0	1.4	2.1	1.2	2.1
10 .....	4.0	2.3	2.4	1.6	2.0	1.5	1.7	1.5	2.6	2.0	2.7	1.8	2.7
100 .....	9.4	7.6	7.8	6.9	7.4	6.9	7.0	6.9	8.0	7.3	8.1	7.2	8.1
250 .....	18.4	16.6	16.8	15.4	16.3	14.2	16.0	12.7	16.9	16.3	17.1	16.1	17.0
500 .....	33.3	22.1	27.5	0.5	14.4	(NA)	3.0	(NA)	31.9	12.8	32.0	7.7	32.0
750 .....	48.2	7.2	12.5	(NA)	(NA)	(NA)	(NA)	(NA)	17.7	(NA)	22.3	(NA)	21.3
1,000 .....	47.3	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	8.0	(NA)	(NA)	(NA)
1,250 .....	32.4	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1,500 .....	17.5	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	N/A	(NA)	(NA)	(NA)	(NA)	(NA)
1,600 .....	11.5	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(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 D-3. **Different Answers a Month Apart**

Item	Level of inconsistency <sup>1</sup>	Confidence interval <sup>2</sup>	When measured <sup>3</sup>
<b>HIGH LEVEL OF INCONSISTENCY</b>			
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 reason	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
Move 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
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

See footnotes at end of table.

Table D-3. **Different Answers a Month Apart**—Con.

Item	Level of inconsistency <sup>1</sup>	Confidence interval <sup>2</sup>	When measured <sup>3</sup>
Other major repairs over \$500 each—someone in household did 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
<b>MODERATE LEVEL OF INCONSISTENCY</b>			
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 some place 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
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

See footnotes at end of table.

Table D-3. **Different Answers a Month Apart**—Con.

Item	Level of inconsistency <sup>1</sup>	Confidence interval <sup>2</sup>	When measured <sup>3</sup>
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) <sup>4</sup>	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 did 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/somewhere 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
<b>LOW LEVEL OF INCONSISTENCY</b>			
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 did 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 did 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) <sup>4</sup>	14	(11–19)	89-N
Mortgage, home equity loan or other loan on this house/apartment	14	(11–17)	95-N apartment
Dishwasher age	14	(11–17)	85-N
Number of full bathrooms	13	(11–15)	95-N
Where was mortgage borrowed (non-CATI) <sup>4</sup>	13	(7–28)	89-N
How much was borrowed (for the first mortgage/loan) (non-CATI) <sup>4</sup>	13	(10–17)	89-N
Number of bedrooms	12	(11–14)	95-N
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) <sup>4</sup>	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 did 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

<sup>1</sup>Levels 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.

<sup>2</sup>Parentheses show 95-percent confidence intervals (used in 1988 and before).

<sup>3</sup>Measured in national surveys (N) or metropolitan surveys (MS).

<sup>4</sup>CATI is computer-assisted telephone interviewing; where shown, inconsistency was measured separately for CATI and non-CATI interviews.

Table D-4. **Errors from Sampling to Compute a 90-Percent Confidence Interval: 2004 AHS-MS**

(Numbers in thousands)

Size of estimate	Atlanta, GA	Cleveland, OH	Denver, CO	Hartford, CT	Indianapolis, IN	Memphis, TN-AR-MS	New Orleans, LA	Oklahoma City, OK	Pittsburgh, PA	Sacramento, CA	St. Louis, MO-IL	San Antonio, TX	Seattle- Everett, WA
0 .....	0.0	0.6	0.5	0.3	0.4	0.3	0.4	0.3	0.6	0.5	0.7	0.3	0.7
1 .....	1.1	0.8	0.8	0.6	0.7	0.6	0.7	0.6	0.8	0.8	0.9	0.6	0.9
5 .....	2.4	1.8	1.7	1.3	1.6	1.3	1.5	1.1	1.9	1.7	2.0	1.4	2.0
10 .....	3.4	2.6	2.4	1.9	2.3	1.9	2.1	1.9	2.7	2.4	2.9	2.0	2.8
25 .....	5.4	4.0	3.8	2.9	3.6	2.9	3.2	2.9	4.2	3.7	4.5	3.1	4.3
50 .....	7.6	5.6	5.3	4.1	5.0	4.0	4.4	4.0	5.8	5.2	6.3	4.3	6.1
100 .....	10.6	7.6	7.3	5.4	6.7	5.4	5.9	5.3	8.0	7.1	8.7	5.8	8.3
300 .....	17.2	11.3	11.0	6.5	9.6	6.3	7.5	6.0	12.3	9.9	13.5	7.9	12.7
400 .....	19.1	11.8	11.6	5.2	9.7	4.8	6.6	4.0					
500 .....	20.6	11.6	11.7	(NA)	8.9	(NA)	3.7	13.2	13.5	9.0	15.1	6.0	13.9
600 .....	21.6	10.7	11.2	(NA)	7.2	(NA)	(NA)	(NA)	13.2	6.8	15.0	1.7	13.7
700 .....	22.3	8.8	10.1	(NA)	3.0	(NA)	(NA)	(NA)	12.4	(NA)	14.5	(NA)	12.8
900 .....	22.7	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	8.4	(NA)	11.4	(NA)	8.6
1,000 .....	22.4	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	2.8	(NA)	8.2	(NA)	7.5
1,200 .....	21.0	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1,300 .....	19.7	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1,400 .....	17.9	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1,600 .....	12.1	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1,700 .....	6.1	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1,800 .....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(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 D-5. **Formulas for 90-Percent Confidence Intervals<sup>1</sup>: 2004 AHS-MS**

MSA and estimates type	The formula is:
<b>Atlanta, GA</b>	
Mobile home estimates .....	$1.645 \times \sqrt{(.660 \times A) - (.009767 \times A^2)}$
All other estimates .....	$1.645 \times \sqrt{(.440 \times A) - (.000254 \times A^2)}$
<b>Cleveland, OH</b>	
Mobile home estimates .....	$1.645 \times \sqrt{(.415 \times A) - (.030314 \times A^2)}$
All other estimates .....	$1.645 \times \sqrt{(.245 \times A) - (.000291 \times A^2)}$
<b>Denver, CO</b>	
Mobile home estimates .....	$1.645 \times \sqrt{(.265 \times A) - (.013216 \times A^2)}$
All other estimates .....	$1.645 \times \sqrt{(.220 \times A) - (.000237 \times A^2)}$
<b>Hartford, CT</b>	
All other estimates .....	$1.645 \times \sqrt{(.135 \times A) - (.000274 \times A^2)}$
<b>Indianapolis, IN</b>	
Mobile home estimates .....	$1.645 \times \sqrt{(.295 \times A) - (.010843 \times A^2)}$
All other estimates .....	$1.645 \times \sqrt{(.195 \times A) - (.000272 \times A^2)}$
<b>Memphis, TN-AR-MS</b>	
Mobile home estimates .....	$1.645 \times \sqrt{(.230 \times A) - (.014035 \times A^2)}$
All other estimates .....	$1.645 \times \sqrt{(.135 \times A) - (.000285 \times A^2)}$
<b>New Orleans, LA</b>	
Mobile home estimates .....	$1.645 \times \sqrt{(.245 \times A) - (.008824 \times A^2)}$
All other estimates .....	$1.645 \times \sqrt{(.160 \times A) - (.000300 \times A^2)}$
<b>Oklahoma City, OK</b>	
Mobile home estimates .....	$1.645 \times \sqrt{(.230 \times A) - (.005729 \times A^2)}$
All other estimates .....	$1.645 \times \sqrt{(.135 \times A) - (.000301 \times A^2)}$
<b>Pittsburgh, PA</b>	
Mobile home estimates .....	$1.645 \times \sqrt{(.400 \times A) - (.007078 \times A^2)}$
All other estimates <sup>2</sup> .....	$1.645 \times \sqrt{(.265 \times A) - (.000262 \times A^2)}$
<b>Sacramento, CA</b>	
Mobile home estimates .....	$1.645 \times \sqrt{(.320 \times A) - (.008825 \times A^2)}$
All other estimates <sup>2</sup> .....	$1.645 \times \sqrt{(.215 \times A) - (.000311 \times A^2)}$
<b>San Antonio, TX</b>	
Mobile home estimates .....	$1.645 \times \sqrt{(.230 \times A) - (.005728 \times A^2)}$
All other estimates <sup>2</sup> .....	$1.645 \times \sqrt{(.150 \times A) - (.000247 \times A^2)}$
<b>Seattle-Everett, WA</b>	
Mobile home estimates .....	$1.645 \times \sqrt{(.430 \times A) - (.006430 \times A^2)}$
All other estimates <sup>2</sup> .....	$1.645 \times \sqrt{(.290 \times A) - (.000287 \times A^2)}$
<b>St Louis, MO-IL</b>	
Mobile home estimates .....	$1.645 \times \sqrt{(.495 \times A) - (.009498 \times A^2)}$
All other estimates <sup>2</sup> .....	$1.645 \times \sqrt{(.310 \times A) - (.000285 \times A^2)}$

<sup>1</sup>The formulas in the table 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 1.96 instead of 1.645; for 99-percent confidence, multiply by 2.58 instead of 1.645.

<sup>2</sup>Some items (for example, characteristic of total housing units) may involve housing units from both the mobile home and non-mobile 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 D-6. **Formulas for 90-Percent Confidence Intervals Associated With a Percentage**

MSA and estimates type	The formula is: <sup>1</sup>
<b>Atlanta, GA</b>	
Mobile home estimates .....	$1.645 \times \sqrt{(.660 \times p \times (100 - p))/A}$
All other estimates <sup>2</sup> .....	$1.645 \times \sqrt{(.440 \times p \times (100 - p))/A}$
<b>Cleveland, OH</b>	
Mobile home estimates .....	$1.645 \times \sqrt{(.415 \times p \times (100 - p))/A}$
All other estimates <sup>2</sup> .....	$1.645 \times \sqrt{(.245 \times p \times (100 - p))/A}$
<b>Denver, CO</b>	
Mobile home estimates .....	$1.645 \times \sqrt{(.265 \times p \times (100 - p))/A}$
All other estimates <sup>2</sup> .....	$1.645 \times \sqrt{(.220 \times p \times (100 - p))/A}$
<b>Hartford, CT</b>	
All other estimates <sup>2</sup> .....	$1.645 \times \sqrt{(.135 \times p \times (100 - p))/A}$
<b>Indianapolis, IN</b>	
Mobile home estimates .....	$1.645 \times \sqrt{(.295 \times p \times (100 - p))/A}$
All other estimates <sup>2</sup> .....	$1.645 \times \sqrt{(.195 \times p \times (100 - p))/A}$
<b>Memphis, TN-AR-MS</b>	
Mobile home estimates .....	$1.645 \times \sqrt{(.230 \times p \times (100 - p))/A}$
All other estimates <sup>2</sup> .....	$1.645 \times \sqrt{(.135 \times p \times (100 - p))/A}$
<b>Oklahoma City, OK</b>	
Mobile home estimates .....	$1.645 \times \sqrt{(.230 \times p \times (100 - p))/A}$
All other estimates <sup>2</sup> .....	$1.645 \times \sqrt{(.135 \times p \times (100 - p))/A}$
<b>Pittsburgh, PA</b>	
Mobile home estimates .....	$1.645 \times \sqrt{(.400 \times p \times (100 - p))/A}$
All other estimates <sup>2</sup> .....	$1.645 \times \sqrt{(.265 \times p \times (100 - p))/A}$
<b>Sacramento, CA</b>	
Mobile home estimates .....	$1.645 \times \sqrt{(.320 \times p \times (100 - p))/A}$
All other estimates <sup>2</sup> .....	$1.645 \times \sqrt{(.215 \times p \times (100 - p))/A}$
<b>San Antonio, TX</b>	
Mobile home estimates .....	$1.645 \times \sqrt{(.230 \times p \times (100 - p))/A}$
All other estimates <sup>2</sup> .....	$1.645 \times \sqrt{(.150 \times p \times (100 - p))/A}$
<b>Seattle-Everett, WA</b>	
Mobile home estimates .....	$1.645 \times \sqrt{(.430 \times p \times (100 - p))/A}$
All other estimates <sup>2</sup> .....	$1.645 \times \sqrt{(.290 \times p \times (100 - p))/A}$
<b>St. Louis, MO-IL</b>	
Mobile home estimates .....	$1.645 \times \sqrt{(.495 \times p \times (100 - p))/A}$
All other estimates <sup>2</sup> .....	$1.645 \times \sqrt{(.310 \times p \times (100 - p))/A}$

<sup>1</sup>These formulas are equivalent to  $1.645 \times \sqrt{(p \times (1 - p))/n}$ . For example, for all other estimates in the Atlanta, GA metropolitan area, .440/A adjusts the data to the effective sample size.

<sup>2</sup>Some items (for example, characteristic of total housing units) may involve housing units from both the mobile home and non-mobile 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 D-7. **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 "do not 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 thou sands)? . . . . .	B	21.6	_____
Then the error from sampling for the median is approximately: <sup>1</sup> . . . . .	$\frac{K \times W \times \sqrt{A}}{B}$	$\frac{.546 \times 100 \times \sqrt{297.3}}{21.6} = \$44$	_____
The 90-percent confidence interval for the median is . . . . .	median $\pm \frac{K \times W \times \sqrt{A}}{B}$	median $\pm$ \$44	_____

<sup>1</sup>Note: 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 Table D-6 for the appropriate formula for AHS-MS metropolitan areas. For example, for estimates consisting of only mobile homes in the Atlanta, GA MSA,  $K = .01 \times (1.645 \times \sqrt{.660 \times 50 \times 50}) = .668$  and for all other estimates in Atlanta,  $K = .546$ .



**Table D-8. Calculation of the 90-Percent Confidence Interval for Medians**

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

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

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) <sup>1</sup> .....	$54.6\sqrt{A}$	3.17			
Multiply this percentage error by .01 to turn it into a fraction and by total units to give the error in housing units .....	$.546\sqrt{A}$	9.41	—		
Bottom of error range (second line minus fourth line, in thousands) ...	B <sub>bottom</sub>	139.24	—		
Top of error range (second line plus fourth line, in thousands) .....	B <sub>top</sub>			*158.06	—
*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. ....	$\frac{(B-C)}{D}(F-E)+E$	$\frac{(139.24 - 134.0)}{21.6}(100) + 600$	—	$\frac{(158.06 - 155.6)}{28.9}(100) + 700$	—
Limits of confidence interval (in dollars, rooms, etc.) .....	—	\$624	—	\$709	—

\*Starting with the starred step, this worksheet is equivalent to interpolation, for those who are familiar with this term.

<sup>1</sup>Statistical note: This formula is based on the error from sampling for 50 percent (using the appropriate formula,  $1.645 \times \sqrt{.660 \times 50 \times (100 - 50)A} = 66.8\sqrt{A}$  for medians involving estimates of only mobile homes in the Atlanta, GA metropolitan area. For medians involving all other estimates in the Atlanta, GA metropolitan area, use  $54.6\sqrt{A}$ ). Refer to Table D-6 for the appropriate formula for AHS-MS.

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**Accuracy, sampling:** definition Appendix D, Errors

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**Poor neighborhood, rating of:**

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**Rent reductions:** vacant homes 1A-7, 1B-7, 1C-7, 1D-7, comparisons 2-12, 2-20, 2-21, renters 4-12, 4-20, 4-21, Black alone 5-12, 5-20, 5-21, Hispanics 6-12, 6-20, 6-21, elderly 7-12, 7-20, 7-21, definition Appendix A “Rent reductions”

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**Sample size:** definition Appendix A, B, and C “Sample size”

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**Savings and investments:** comparisons 2-12, owners 3-12, renters 4-12, Black alone 5-12, Hispanics 6-12, elderly 7-12, definition Appendix A “Amount of savings and investments”

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**Search for home:** comparisons 2-11, owners 3-11, renters 4-11, Black alone 5-11, Hispanics 6-11, elderly 7-11, definition A “Choice of present home and home search”

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**Secured communities:** comparisons 2-8, owners 3-8, renters 4-8, Black alone 5-8, Hispanics 6-8, elderly 7-8, definition Appendix A “Secured communities”

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**Utilities, heating equipment:** vacant homes 1A-4, 1B-4, 1C-4, 1D-4, comparisons 2-4, 2-20, 2-21, 2-25, owners 3-4, 3-20, 3-21, 3-22, 3-25, renters 4-4, 4-20, 4-21, 4-25, Black alone 5-4, 5-20, 5-21, 5-22, 5-25, Hispanics 6-4, 6-20, 6-21, 6-22, 6-25, elderly 7-4, 7-20, 7-21, 7-22, 7-25, definition Appendix A “Heating equipment and heating equipment breakdowns”

**Utilities interruption, heat:** comparisons 2-6, owners 3-6, renters 4-6, Black alone 5-6, Hispanics 6-6, elderly 7-6, definition Appendix A “Heating equipment and heating equipment breakdowns”

**Utilities, uses:** vacant homes 1A-5, 1B-5, 1C-5, 1D-5, comparisons 2-5, 2-20, 2-21, 2-25, owners 3-5, 3-20, 3-21, 3-22, 3-25, renters 4-5, 4-20, 4-21, 4-25, Black alone 5-5, 5-20, 5-21, 5-22, 5-25, Hispanics 6-5, 6-20, 6-21, 6-22, 6-25, elderly 7-5, 7-20, 7-21, 7-22, 7-25, definition Appendix A “Fuels”

**VA (Veterans Administration):** comparisons 2-19, owners 3-15, 3-19, Black alone 5-15, 5-19, Hispanics 6-15, 6-19, elderly 7-15, 7-19, definition Appendix A “Type of primary mortgage”

**Vacancy, seasonality:** vacant homes 1A-1, 1B-1, 1C-1, 1D-1, definition Appendix A “Vacancy, seasonality”

**Vacancy rate:** column heading in chapter 1 (Vacant), Appendix A “Vacancy, seasonality, and marketing,” Appendix C “Housing units”

**Vacancy units:** Appendix A “Vacancy, seasonality, and marketing,” Appendix C “Housing units,” “Weighting”

**Value (of home):** vacant homes 1A-7, 1B-7, 1C-7, 1D-7, comparisons 2-17, 2-18, 2-19, 2-20, 2-21, owners 3-14, 3-17, 3-18, 3-19, 3-20, 3-21, 3-22, Black alone 5-14, 5-17, 5-18, 5-19, 5-20, 5-21, 5-22, Hispanics 6-14, 6-17, 6-18, 6-19, 6-20, 6-21, 6-22, elderly 7-14, 7-17, 7-18, 7-19, 7-20, 7-21, 7-22, definition Appendixes A and C “Value,” Appendix C “Housing costs and value”

**Value to current income ratio:** comparisons 2-19, 2-20, 2-21, owners 3-14, 3-19, 3-20, 3-21, Black alone 5-14, 5-19, 5-20, 5-21, Hispanics 6-14, 6-19, 6-20, 6-21, elderly 7-14, 7-19, 7-20, 7-21, definition Appendix A “Ratio of value to current income,” Appendix C “Income”

**Vandalized buildings:** vacant homes 1A-6, 1B-6, 1C-6, 1D-6, comparisons 2-8, owners 3-8, renters 4-8, Black alone 5-8, Hispanics 6-8, elderly 7-8, definition Appendix A “Other buildings vandalized or with interior exposed,” Appendix C “Buildings and neighborhood”

**Vans, kept at home:** comparisons 2-7, owners 3-7, renters 4-7, Black alone 5-7, Hispanics 6-7, elderly 7-7, definition Appendix A “Cars and trucks”

**Vents:** vacant homes 1A-4, 1B-4, 1C-4, 1D-4, comparisons 2-4, 2-20, 2-21, 2-25, owners 3-4, 3-20, 3-21, 3-22, 3-25, renters 4-4, 4-20, 4-21, 4-25, Black alone 5-4, 5-20, 5-21, 5-22, 5-25, Hispanics 6-4, 6-20, 6-21, 6-22, 6-25, elderly 7-4, 7-20, 7-21, 7-22, 7-25, definition A “Heating equipment and heating equipment breakdowns”

**Verification of income:** vacant homes 1A-7, 1B-7, 1C-7, 1D-7, comparisons 2-12, 2-20, 2-21, renters 4-12, 4-20, 4-21, Black alone 5-12, 5-20, 5-21, Hispanics 6-12, 6-20, 6-21, elderly 7-12, 7-20, 7-21, definition Appendix A “Rent reductions”

**Vermin (rats):** comparisons 2-7, 2-25, owners 3-7, 3-25, renters 4-7, 4-25, Black alone 5-7, 5-25, Hispanics 6-7, 6-25, elderly 7-7, 7-25, definition Appendix A “Selected deficiencies”

**Veterans Administration mortgages:** comparisons 2-19, owners 3-15, 3-19, Black alone 5-15, 5-19, Hispanics 6-15, 6-19, elderly 7-15, 7-19, definition Appendix A “Type of primary mortgage”

**View attractive (reason to live here):** comparisons 2-11, owners 3-11, renters 4-11, Black alone 5-11, Hispanics 6-11, elderly 7-11, definition Appendix A “Choice of present home and home search”

**Wages:** comparisons 2-12, owners 3-12, renters 4-12, Black alone 5-12, Hispanics 6-12, elderly 7-12, definition Appendixes A and C “Income”

**Walkups:** vacant homes 1A-2, 1B-2, 1C-2, 1D-2, comparisons 2-2, owners 3-2, renters 4-2, Black alone 5-2, Hispanics 6-2, elderly 7-2, definition Appendix A “Foundation”

**Wall, interior (open cracks or holes inside):** vacant homes 1A-6, 1B-6, 1C-6, 1D-6, comparisons 2-7, 2-25, owners 3-7, 3-25, renters 4-7, 4-25, Black alone 5-7, 5-25, Hispanics 6-7, 6-25, elderly 7-7, 7-25, definition Appendix A “Selected deficiencies”

**Wall, leaks:** comparisons 2-7, owners 3-7, renters 4-7, Black alone 5-7, Hispanics 6-7, elderly 7-7, definition Appendix A “Physical problems”

**Wall, outside condition:** vacant homes 1A-2, 1B-2, 1C-2, 1D-2, comparisons 2-2, owners 3-2, renters 4-2, Black alone 5-2, Hispanics 6-2, elderly 7-2, definition Appendix A “External building conditions,” Appendix C “Building and neighborhood”

**Warm climate (degree days):** See “Degree days”

**Washing machine:** vacant homes 1A-4, 1B-4, 1C-4, 1D-4, comparisons 2-4, 2-25, owners 3-4, 3-25, renters 4-4, 4-25, Black alone 5-4, 5-25, Hispanics 6-4, 6-25, elderly 7-4, 7-25, definition Appendix A “Equipment”

**Water cost:** comparisons 2-13, owners 3-13, renters 4-13, Black alone 5-13, Hispanics 6-13, elderly 7-13, definition Appendix A “Monthly housing costs”

**Water, drinking:** See “Source of water, drinking”

**Water heating fuel:** vacant homes 1A-5, 1B-5, 1C-5, 1D-5, comparisons 2-5, owners 3-5, renters 4-5, Black alone 5-5, Hispanics 6-5, elderly 7-5, definition Appendix A “Fuels”

**Water leakage during last 12 months:** comparisons 2-7, owners 3-7, renters 4-7, Black alone 5-7, Hispanics 6-7, elderly 7-7, definition Appendix A “Physical problems,” “Water leakage during last 12 months”

**Water plumbing:** vacant homes 1A-4, 1B-4, 1C-4, 1D-4, comparisons 2-4, 2-25, owners 3-4, 3-25, renters 4-4, 4-25, Black alone 5-4, 5-25, Hispanics 6-4, 6-25, elderly 7-4, 7-25, definition Appendixes A and C “Plumbing facilities”

**Water, primary source:** See “Source of water, primary”

**Water supply stoppage:** comparisons 2-6, owners 3-6, renters 4-6, Black alone 5-6, Hispanics 6-6, elderly 7-6, definition Appendix A “Primary source of water and water supply stoppage”

**Water systems:** vacant homes 1A-4, 1B-4, 1C-4, 1D-4, comparisons 2-4, 2-20, 2-21, 2-25, owners 3-4, 3-20, 3-21, 3-22, 3-25, renters 4-4, 4-20, 4-21, 4-25, Black alone 5-4, 5-20, 5-21, 5-22, 5-25, Hispanics 6-4, 6-20, 6-21, 6-22, 6-25, elderly 7-4, 7-20, 7-21, 7-22, 7-25, definition Appendix A “Primary source of water and water supply stoppage”

**Water well:** vacant homes 1A-4, 1B-4, 1C-4, 1D-4, comparisons 2-4, 2-20, 2-21, 2-25, owners 3-4, 3-20, 3-21, 3-22, 3-25, renters 4-4, 4-20, 4-21, 4-25, Black alone 5-4, 5-20, 5-21, 5-22, 5-25, Hispanics 6-4, 6-20, 6-21, 6-22, 6-25, elderly 7-4, 7-20, 7-21, 7-22, 7-25, definition Appendix A “Primary source of water and water supply stoppage”

**Wealth:** comparisons 2-12, owners 3-12, renters 4-12, Black alone 5-12, Hispanics 6-12, elderly 7-12, definition Appendix A “Amount of savings and investments”

**Weather (degree days):** comparisons 2-23, owners 3-23, renters 4-23, Black alone 5-23, Hispanics 6-23, elderly 7-23, definition Appendix A “Heating and cooling degree days”

**Weights:** definition Appendix B “Estimation,” Appendix C “Weighting”

**Welfare:** comparisons 2-12, owners 3-12, renters 4-12, Black alone 5-12, Hispanics 6-12, elderly 7-12, definition Appendixes A and C “Income”

**Well, water:** vacant homes 1A-4, 1B-4, 1C-4, 1D-4, comparisons 2-4, 2-20, 2-21, 2-25, owners 3-4, 3-20, 3-21, 3-22, 3-25, renters 4-4, 4-20, 4-21, 4-25, Black alone 5-4, 5-20, 5-21, 5-22, 5-25, Hispanics 6-4, 6-20, 6-21, 6-22, 6-25, elderly 7-4, 7-20, 7-21, 7-22, 7-25, definition Appendix A “Primary source of water and water supply”

**West:** column heading in most tables, vacant homes 1A-1, 1B-1, 1C-1, 1D-1, comparisons 2-1, owners 3-1, renters 4-1, Black alone 5-1, Hispanics 6-1, elderly 7-1, definition Appendix A “Regions”

**Whites:** comparisons 2-1, 2-25, owners 3-1, 3-25, renters 4-1, 4-25, Black alone 5-1, 5-25, Hispanics 6-1, 6-25, elderly 7-1, 7-25, definition Appendix A “Race”

**Widowed, caused move:** comparisons 2-11, owners 3-11, renters 4-11, Black alone 5-11, Hispanics 6-11, elderly 7-11, definition Appendix A “Reasons for leaving previous unit”

**Window bars:** vacant homes 1A-2, 1B-2, 1C-2, 1D-2, comparisons 2-2, owners 3-2, renters 4-2, Black alone 5-2, Hispanics 6-2, elderly 7-2, definition Appendix A “External building conditions,” Appendix C “Buildings and neighborhood”

**Window leaks:** comparisons 2-7, owners 3-7, renters 4-7, Black alone 5-7, Hispanics 6-7, elderly 7-7, definition Appendix A “Physical problems”

**Windows, barred nearby:** vacant homes 1A-6, 1B-6, 1C-6, 1D-6, comparisons 2-8, owners 3-8, renters 4-8, Black alone 5-8, Hispanics 6-8, elderly 7-8, definition Appendix A “Description of area within 300 feet,” Appendix C “Buildings and neighborhood”

**Windows, broken:** vacant homes 1A-2, 1B-2, 1C-2, 1D-2, comparisons 2-2, owners 3-2, renters 4-2, Black alone 5-2, Hispanics 6-2, elderly 7-2, definition Appendix A “External building conditions,” Appendix C “Buildings and neighborhood”

**Winter, heating breakdowns:** comparisons 2-6, owners 3-6, renters 4-6, Black alone 5-6, Hispanics 6-6, elderly 7-6, definition Appendix A “Heating equipment and heating equipment breakdowns”

**Wiring, concealed:** vacant homes 1A-6, 1B-6, 1C-6, 1D-6, comparisons 2-7, 2-25, owners 3-7, 3-25, renters 4-7, 4-25, Black alone 5-7, 5-25, Hispanics 6-7, 6-25, elderly 7-7, 7-25, definition Appendix A “Selected deficiencies,” Appendix C “Wiring”

**Women:** See “Females”

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**Wood fuel, uses:** vacant homes 1A-5, 1B-5, 1C-5, 1D-5, comparisons 2-5, 2-20, 2-21, 2-25, owners 3-5, 3-20, 3-21, 3-22, 3-25, renters 4-5, 4-20, 4-21, 4-25, Black alone 5-5, 5-20, 5-21, 5-22, 5-25, Hispanics 6-5, 6-20, 6-21, 6-22, 6-25, elderly 7-5, 7-20, 7-21, 7-22, 7-25, definition Appendix A “Fuels”

**Wood stoves:** See stoves, definition Appendix A “Heating equipment and heating equipment breakdowns”

**Woods or open space nearby:** vacant homes 1A-6, 1B-6, 1C-6, 1D-6, comparisons 2-8, owners 3-8, renters 4-8, Black alone 5-8, Hispanics 6-8, elderly 7-8, definition Appendix A “Description of area within 300 feet,” Appendix C “Buildings and neighborhood”

**Work, transportation to:** See “Journey to work”

**Worked at home last week:** comparisons 2-24, owners 3-24, renters 4-24, Black alone 5-24, Hispanics 6-24, elderly 7-24, definition Appendix A “Worked at home last week” and “Journey to work”

**Worked at home last week for householder:** comparisons 2-24, owners 3-24, renters 4-24, Black alone 5-24, Hispanics 6-24, elderly 7-24, definition Appendix A “Worked at home last week for householder” and “Journey to work”

**Wrap-around mortgage:** comparisons 2-19, owners 3-15, 3-19, Black alone 5-15, 5-19, Hispanics 6-15, 6-19, elderly 7-15, 7-19, definition Appendix A “Mortgage origination”

**Yard attractive (reason to live here):** comparisons 2-11, owners 3-11, renters 4-11, Black alone 5-11, Hispanics 6-11, elderly 7-11, definition Appendix A “Choice of present home and home search”

**Year householder immigrated to the United States:** comparisons 2-9, owners 3-9, renters 4-9, Black alone 5-9, Hispanics 6-9, elderly 7-9, definition Appendix A “Citizenship of householder” and Appendix C “Nativity and Citizenship”

**Year householder moved into unit:** column heading in most tables, comparisons 2-9, owners 3-9, renters 4-9, Black alone 5-9, Hispanics 6-9, elderly 7-9, definition Appendix A “Year householder moved into unit”

**Year last occupied:** vacant homes 1A-1, 1B-1, 1C-1, 1D-1, definition Appendix A “Vacancy, seasonality, and marketing”

**Year last used as permanent residence:** vacant homes 1A-1, 1B-1, 1C-1, 1D-1, definition Appendix A “Vacancy, seasonality, and marketing”

**Year primary mortgage originated:** owners 3-15, Black alone 5-15, Hispanics 6-15, elderly 7-15, definition Appendix A “Year primary mortgage originated”

**Year-round use:** vacant homes 1A-1, 1B-1, 1C-1, 1D-1, definition Appendix A “Vacancy, seasonality, and marketing”

**Year structure built:** column heading in most tables, vacant homes 1A-1, 1B-1, 1C-1, 1D-1, comparisons 2-1, 2-20, 2-21, 2-25, owners 3-1, 3-20, 3-21, 3-22, 3-25, renters 4-1, 4-20, 4-21, 4-25, Black alone 5-1, 5-20, 5-21, 5-22, 5-25, Hispanics 6-1, 6-20, 6-21, 6-22, 6-25, elderly 7-1, 7-20, 7-21, 7-22, 7-25, definition Appendix A “Year structure built”

**Year unit acquired:** comparisons owners 3-14, Black alone 5-14, Hispanics 6-14, elderly 7-14, definition Appendix A “Year unit acquired”

**Young people:** comparisons 2-9, 2-20, 2-21, 2-25, owners 3-9, 3-20, 3-21, 3-22, 3-25, renters 4-9, 4-20, 4-21, 4-25, Black alone 5-9, 5-20, 5-21, 5-22, 5-25, Hispanics 6-9, 6-20, 6-21, 6-22, 6-25, elderly 7-9, 7-20, 7-21, 7-22, 7-25, definition Appendix A “Household composition”

**Zero income:** comparisons 2-13, 2-19, 2-20, 2-21, 2-25, owners 3-13, 3-19, 3-20, 3-21, 3-25, renters 4-13, 4-19, 4-20, 4-21, 4-22, 4-25, Black alone 5-13, 5-19, 5-20, 5-21, 5-22, 5-25, Hispanics 6-13, 6-19, 6-20, 6-21, 6-22, 6-25, elderly 7-13, 7-19, 7-20, 7-21, 7-22, 7-25, definition Appendix A “Monthly housing costs as percent of current income,” Appendix C “Income”

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## Selected Subareas for 2004 Publications

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### **ATLANTA, GA**

Atlanta city  
DeKalb County (exclude Atlanta city)  
Cobb County

### **CLEVELAND, OH**

Cleveland city  
Cuyahoga County (exclude Cleveland city)  
Lake County

### **DENVER, CO**

Denver city  
Jefferson County  
Arapahoe County

### **HARTFORD, CT**

Hartford city  
New Britain city  
Bristol city

### **INDIANAPOLIS, IN**

Indianapolis city  
Hamilton County  
Johnson County

### **MEMPHIS, TN-AR-MS**

Memphis city  
Shelby County, TN (exclude Memphis city)  
DeSoto County, MS

### **NEW ORLEANS, LA**

New Orleans city  
Jefferson Parish  
St. Tammany Parish

### **OKLAHOMA CITY, OK**

Oklahoma City city  
Oklahoma County (exclude Oklahoma City city)  
Cleveland County (exclude Oklahoma City city)

### **PITTSBURGH, PA**

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

### **SACRAMENTO, CA**

Sacramento city  
Sacramento County (exclude Sacramento city)  
Placer County

### **ST. LOUIS, MO-IL**

St. Louis city  
St. Louis County  
St. Clair County

### **SAN ANTONIO, TX**

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

### **SEATTLE-EVERETT, WA**

Seattle city  
King County (exclude Seattle city)  
Snohomish County

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Caution: Some subareas may be different in earlier years.

Note: With each metropolitan area, subareas are listed in order of boxhead appearance from subarea 1 through subarea 3.