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American Housing Survey for the Minneapolis- St. Paul Metropolitan Area in 1985



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. Bureau of the Census. It was prepared primarily under the direction of **Duane T. McGough**, Director, Housing and Demographic Analysis Division, Department of Housing and Urban Development, and **Leonard J. Norry**, Assistant Division Chief, Housing and Household Economic Statistics Division, Bureau of the Census.

Duane T. McGough, assisted by **Connie Casey**, **Kathryn Nelson**, **Paul Burke**, **David Crowe**, and **Iredia Irby**, was responsible for overseeing the American Housing Survey resultant report on behalf of the Department of Housing and Urban Development.

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American Housing Survey for the **Minneapolis- St. Paul** Metropolitan Area in 1985

Issued June 1989



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CONTENTS

Minneapolis-St. Paul

Metropolitan Area

Map	Metropolitan Statistical Area	V
-----	-------------------------------	---

Introduction		Page VII
--------------	--	----------

List of Tables	Chapter 1 All housing units
----------------	--------------------------------

TOTAL INVENTORY

1. Introductory Characteristics	1
2. Height and Condition of Building	2
3. Size of Unit and Lot	3
4. Selected Equipment and Plumbing	4
5. Fuels	5
6. Housing and Neighborhood Quality	6
7. Financial Characteristics	7

	Chapter 2 Total occupied	Chapter 3 Owner occupied	Chapter 4 Renter occupied	Chapter 5 Black householder	Chapter 6 Hispanic householder
OCCUPIED UNITS					
1. Introductory Characteristics	9	39	74	98	...
2. Height and Condition of Building	10	40	75	99	...
3. Size of Unit and Lot	11	41	76	100	...
4. Selected Equipment and Plumbing	12	42	77	101	...
5. Fuels	13	43	78	102	...
6. Failures in Equipment	14	44	79	103	...
7. Additional Indicators of Housing Quality	15	45	80	104	...
8. Neighborhood	16	46	81	105	...
9. Household Composition	17	47	82	106	...
10. Previous Unit of Recent Movers	20	50	85	109	...
11. Reasons for Move and Choice of Current Residence	21	51	86	110	...
12. Income Characteristics	22	52	87	111	...
13. Selected Housing Costs	23	53	88	112	...
14. Value, Purchase Price, and Source of Down Payment	-	55	-	114	...
15. Mortgage Characteristics	-	56	-	115	...
16. Repairs, Improvements, and Alterations	-	58	-	117	...
17. Rooms in Unit by Household and Unit Size, Income, and Costs	25	59	90	118	...
18. Square Footage by Household and Unit Size, Income, and Costs	27	61	91	120	...
19. Income, Costs, and Mortgage	29	63	92	122	...
20. Income of Families and Primary Individuals by Selected Characteristics	31	65	93	124	...
21. Housing Costs by Selected Characteristics	35	68	96	128	...
22. Value by Selected Characteristics	-	71	-	132	...

Appendixes

	Page
A. Definitions and Explanations of Subject Characteristics, and Facsimile of the American Housing Survey Questionnaire: 1985	App-1
B. Source and Accuracy of the Estimates	App-55

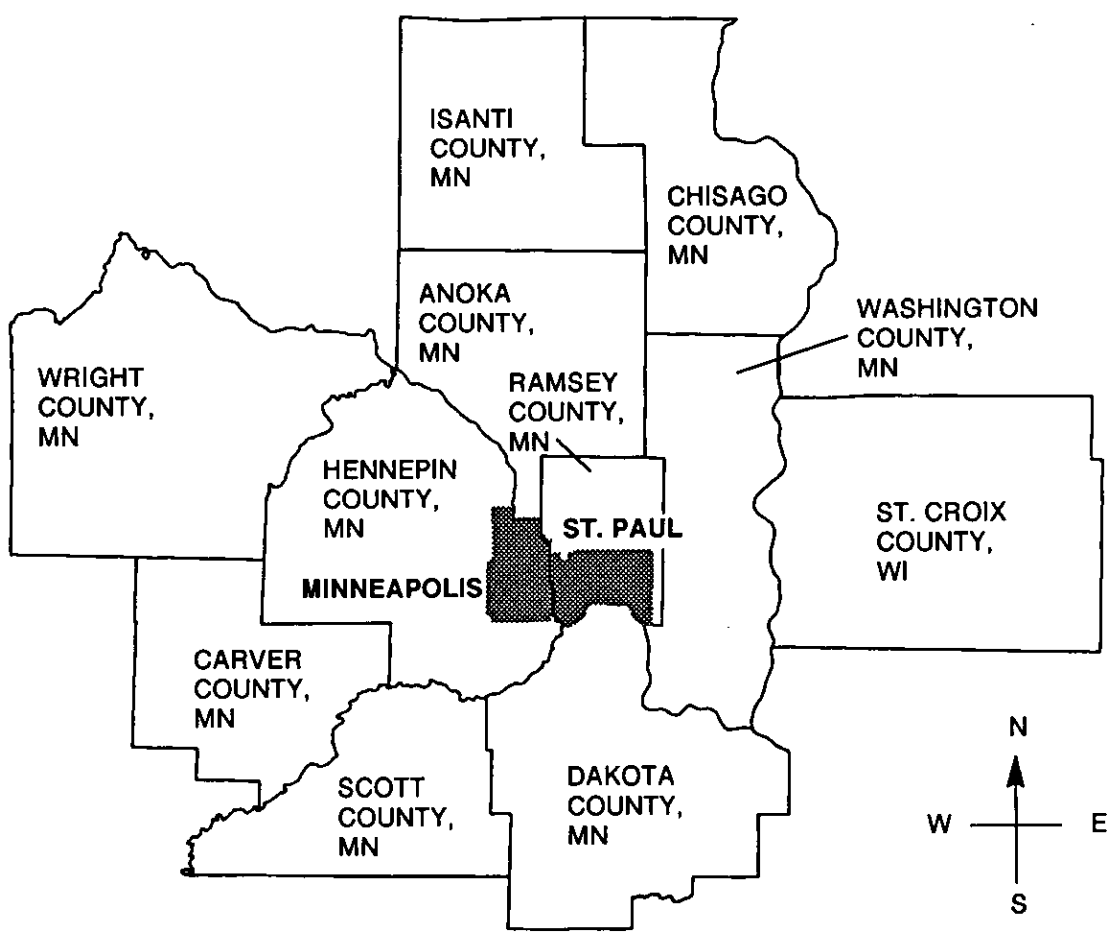
Index	Index-1
-------	---------



Selected Subareas for Publication for 1985	Inside back cover
--	-------------------

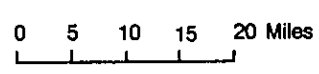
Metropolitan Statistical Area

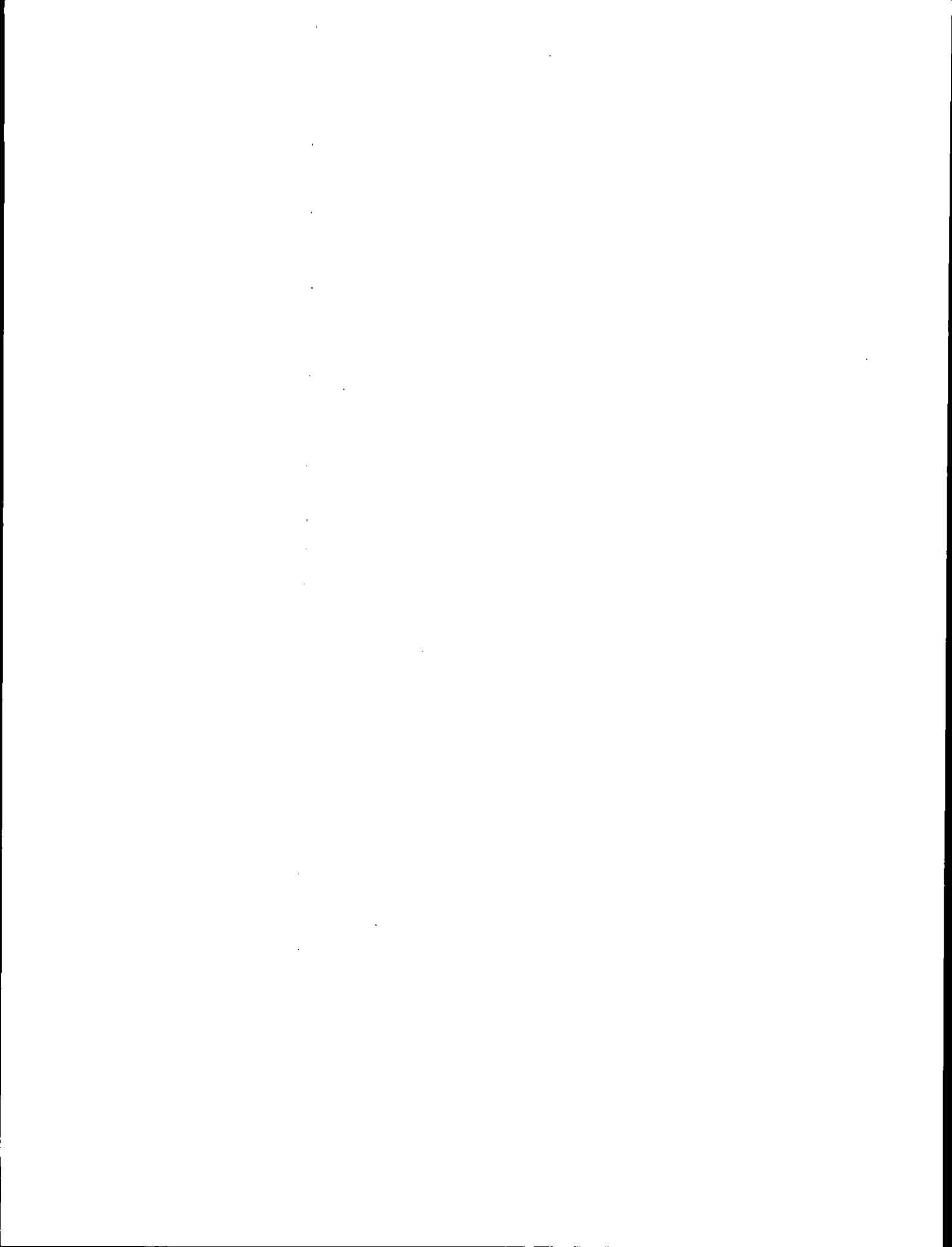


Minneapolis-St. Paul, MN-WI



 Central Cities of this MSA
 County Line





INTRODUCTION

GENERAL.....	VII
Sample size.....	VII
Organization of text.....	VIII
Contents of tables.....	VIII
Derived figures (medians, rates, etc.).....	VIII
Symbols.....	VIII
Boundaries.....	VIII
Reports from the American Housing Survey.....	IX
SMSA reports from the Annual Housing Survey.....	IX
Survey.....	IX
ADDITIONAL DATA.....	IX
Public-use microdata files.....	IX
Microfiche of published reports.....	IX
DATA COLLECTION PROCEDURES.....	IX
PROCESSING PROCEDURES.....	IX
QUALIFICATIONS OF THE DATA.....	X
Comparison with the 1974 through 1983 Annual Housing Survey.....	X
Comparison with the 1980 Census of Housing.....	XI
DATA FOR MINORITY HOUSEHOLDS.....	XI
List of American Housing Survey metropolitan areas by year of first interview.....	XII
List of Annual Housing Survey SMSA's by original publication groups.....	XII

GENERAL

This report presents statistics on housing and household characteristics from the 1985 American Housing Survey Metropolitan Sample (AHS-MS), conducted in 11 selected metropolitan areas. For a list of these areas see page XII. Prior to 1984, the AHS was called the Annual Housing Survey. The name was changed to the American Housing Survey since the National sample (AHS-N) is no longer conducted annually but every other year in odd numbered years. The AHS was designed to provide a current series of information on the size and composition of the housing inventory, the characteristics of its occupants, indicators of housing and neighborhood quality, and the characteristics of recent movers. The survey, performed for the Department of Housing and Urban Development, is authorized under section 501 and 502 (d), 502 (e), and 502 (f) of the Housing and Urban Development Act

of 1970, Title 12, United States Code 1701z-1 and 1701z-2. The Bureau of the Census is authorized under Title 31, United States Code, section 686, to perform special work or services for Federal agencies.

The statistics presented in this report are based on information from a sample of housing units. The information for the 1985 AHS-MS was collected by interviewers from April 1985 through November 1985. (See paragraph "Sample size.")

These reports are issued jointly by the Department of Housing and Urban Development and the Bureau of the Census for each of the 11 metropolitan areas in the 1985 survey. The content and procedures of the American Housing Survey were determined after consultation with a variety of users of housing data and through field pretesting. The data for many of the subjects covered in this report are the same as those collected in the 1980 Census of Housing and the 1973 through 1983 Annual Housing Survey. The data for a few items may not be comparable due to definitional changes in the American Housing Survey in 1984 and beyond (redesigned AHS). See the section titled "Qualifications of the data." A number of new items were introduced in the 1984 survey on subjects such as household income, type of primary mortgage, lot size, and square footage of the housing unit.

More detailed information on the technical and procedural matters covered in the text of the report can be obtained by writing to the Director, Bureau of the Census, Washington, DC 20233.

Sample size. The statistics presented in this report are based on a sample of housing units and are, therefore, subject to sampling variability. Two sample sizes were employed in the 1985 survey. Five of the 11 metropolitan areas were represented by a sample of about 6,500 designated housing units. The remaining six metropolitan areas had a sample size of about 3,500 designated housing units. Both sample sizes are divided between the central city or cities and the balance of the respective area based on the proportionate distribution of all housing units in the entire area.

The sample was selected from units enumerated in the 1970 census and updated to include units constructed since 1970. In addition, sample cases were selected from the 1980 census to represent areas added to the metropolitan boundaries since 1973. Detailed information on the sample design, size of sample, estimation procedure, and sampling variability associated with these data is given in appendix B.

Organization of the text. The text consists of this introduction and appendixes A and B, which appear after the data tables. Appendix A describes the geographic area classifications, provides definitions and explanations of the subjects covered in this report, and contains a facsimile of the questionnaire and control card. Appendix B presents information on sample design, estimation, and accuracy of the data.

Contents of the tables. The tables in this report are organized into six chapters. Chapter 1 presents statistics on the total housing inventory including vacant units; chapter 2, statistics on total occupied housing units; chapter 3, statistics on owner-occupied housing units; chapter 4, statistics on renter-occupied housing units; chapter 5, on occupied housing units with a black householder; and chapter 6, on occupied housing units with a householder of Hispanic origin. In chapters 2 through 6, separate data are shown for three selected subareas of each metropolitan area as indicated in the boxhead for each table. For a list of the selected subareas in each metropolitan area, see the inside back cover of this report.

In chapter 1, table 1 presents general housing characteristics; tables 2 and 6, condition and quality of the unit and the neighborhood; table 3, size of the unit and lot; tables 4 and 5, equipment and fuels; and table 7, financial characteristics. In chapters 2 through 6, table 1 presents general housing characteristics; tables 2, 7, and 8, condition and quality of the unit and the neighborhood; table 3, 17, and 18, size of the unit and lot; tables 4 through 6, equipment and fuels; table 9, household composition; tables 10 and 11, recent movers; and tables 12 through 16 and 19 through 22, financial characteristics. All tables are not shown in all 7 chapters when the universes are restricted. For example, tables 14 through 16 are not shown in the renter-occupied chapter (chapter 4) as these tables are restricted to owner-occupied units.

Tables 20 through 22 are cross tabulations of financial characteristics by a variety of other characteristics.

Table 20 cross tabulates income of families and primary individuals by selected housing and household characteristics. Table 21 cross tabulates monthly housing costs by most of the same characteristics as shown in table 20. Table 22 cross tabulates value by similar characteristics.

All of the financial characteristics shown in this report, except those in table 19, are shown for all renters and/or all owners. Prior to the redesigned AHS, the Annual Housing Survey reported characteristics such as value and rent for specified owners and specified renters only. Specified owners are single-family owner-occupied units on less than 10 acres with no business or medical office. Specified renters exclude single-family units on 10 acres or more. Table 19 in this report presents financial characteristics for specified owners and specified renters for the year 1985. This table can be used when making comparisons with 1983 and earlier years.

Derived figures (medians, rates, etc.). Shown in this report are percents, medians, ratios, and rates. The median, which is a type of average, is the middle value in a distribution; i.e., the median divides the distribution into two equal parts—one-half of the cases fall below the median and one-half of the cases exceed the median. Derived figures are not presented (but indicated by three dots (...)) if there are less than 25 sample cases in the distribution or the base.

The medians shown in this report are based on unrounded data and may differ from medians calculated from the published rounded data. All medians are rounded. The method of rounding depends on the characteristic being measured. For the method of rounding with each specific median, see the definitions in appendix A for the specific characteristic being measured.

The rental vacancy rates shown in chapter 1 are computed by dividing the total vacant for-rent units with a given characteristic by the total rental inventory with the same characteristic. The total rental inventory consists of the renter-occupied units, vacant units rented but not yet occupied at the time of interview, and the vacant units for rent.

Poverty level as used in the American Housing Survey is based on household income rather than the income of families, unrelated subfamilies, and unrelated individuals separately as is the case in officially published poverty statistics. The AHS may underestimate poverty by as much as 6 percent. See page App-16 of appendix A for a complete discussion.

Shown in chapters 2 through 6 are data for units with severe or moderate problems. Units with severe problems include those units with severe problems in one or more of the following: plumbing facilities, heating equipment, electricity, upkeep, and hallways. Units with moderate problems include those units with moderate problems in one or more of the following: plumbing facilities, heating equipment, upkeep, hallways, and kitchens. A unit with one or more severe problems is counted as such whether or not it has a moderate problem and is not counted with units having moderate problems even if one exists. For a detailed description of how moderate and severe problems are derived, see appendix A, page App-14.

Symbols. A dash (-) signifies zero or a number which rounds to zero. Three dots (...) in a data column mean not applicable or that the base for a derived figure is too small for it to be shown. The symbol "NA" means not available.

Boundaries. The data shown in this report series relate to metropolitan areas as defined by the Office of Management and Budget in 1983. The counties included in each AHS area definition are identical to those included in the official OMB definition. In many AHS areas, however, the data presented for central cities do not always include the identical central cities in the official OMB definition. For comparison purposes in this series, selected data are

shown using 1970 boundaries, which may differ from 1983 boundaries. In this report, data for "1970 central cities" refer to the same central cities as in 1983. Data for "1970 boundaries of SMSA" refer to Anoka, Dakota, Hennipin, Ramsey, and Washington counties, Minnesota. In addition to the above list, the 1983 MSA boundaries refer to Carver, Chisago, Isanti, Scott, and Wright counties, Minnesota; and St. Croix County, WI. (See map on page V for 1983 definitions.)

Reports from the American Housing Survey. The AHS-MS survey is conducted in 44 selected metropolitan areas divided into 4 groups of approximately 11 each, with a group to be interviewed once every 4 years on a rotating basis. A listing of these areas by the year of their first interview can be found on page XII. Reports from the AHS-MS are published under series H-170. Any supplemental metropolitan reports are published under Series H-171.

Reports from the AHS-N are published under series H-150. Any supplemental national reports are published under series H-151. Data for the national reports are collected every other year in odd-numbered years from a sample of housing units that is independent of the metropolitan reports. AHS-N reports present data for the United States, inside and outside MSA's, urban and rural, and the four census regions. The first AHS national was conducted from August to December 1973. The 1985 national report is similar in format to the 1985 metropolitan reports.

SMSA reports from the Annual Housing Survey. From 1974 through 1983, the AHS SMSA surveys were conducted in 60 selected SMSA's originally divided into groups of 20 each, with a group to be interviewed once every 3 years on a rotating basis. A listing of the SMSA's by the original three groups can be found on page XII. The years for which reports are available for individual SMSA's are provided on this listing.

ADDITIONAL DATA

Public-use microdata files. For the data user whose needs are not met by the available tabulations, the Census Bureau also has made available computerized microdata (individual respondent records) from both the metropolitan and national samples. Except for names and addresses, the AHS microdata provide essentially all the information obtained from each household or vacant unit. The Census Bureau's confidentiality guidelines prescribe that individuals and specific addresses remain anonymous.

Confidentiality guidelines further prescribe that individual records cannot be associated with areas having fewer than 100,000 people based on 1980 census results. The 1985 metropolitan file identifies nearly all central cities, counties, and zones (selected groups of census tracts) which have a 1980 population of 100,000 or more persons.

The 1985 national file will identify the four census geographic regions, urban/rural residence, and metropolitan/nonmetropolitan residence as well as all central cities and urbanized areas in the sample which satisfy the 100,000 population confidentiality requirement. Prior to 1984, AHS public-use microdata files only identified geographic areas having a 1970 census population of 250,000 persons.

Microdata computer tapes from the AHS are available on a cost-per-reel basis from Data User Services Division, Customer Services (Tapes), Bureau of the Census, Washington, DC 20233.

Microfiche of published reports. Microfiche copies for national and MSA published reports are available from Data User Services Division, Customer Services (Microfiche), Bureau of the Census, Washington, DC 20233.

DATA COLLECTION PROCEDURES

The 1985 American Housing Survey was conducted by interviewers who obtained the information from the occupants or, if the unit was vacant, from informed persons such as landlords, rental agents, or knowledgeable neighbors. The information reported by the interviewer reflected the situation at the time of the survey, which began in April 1985 and continued through October 1985.

Data were collected for sample housing units located in the counties and independent cities that make up the 11 MSA's interviewed for the 1985 AHS. A sample of housing units was selected in these areas from the 1970 census and updated by a sample of addresses from building permits to include housing units added since 1970, and a sample of addresses from the 1980 census to represent counties added to the metropolitan area definitions as of 1983. Estimates of the counts and characteristics of the 1985 inventory were obtained for these sample units. A more detailed description of the survey design and sampling procedures can be found in appendix B.

PROCESSING PROCEDURES

The questionnaire and control card used for the 1985 AHS were of the conventional type on which the interviewer recorded the information by marking a precoded check box or by writing in the entries. Census clerks edited and coded the documents. The information was then data keyed directly to magnetic tape which was processed on the Census Bureau's computers through a number of editing and tabulating steps. A facsimile of both the control card and the questionnaire appears at the end of appendix A.

QUALIFICATIONS OF THE DATA

Since the estimates in this report are based on a sample, they may differ somewhat from the figures that would have been obtained from a complete census using

the same questionnaire, instructions, and interviewers. Particular care should be exercised, therefore, in the interpretation of figures based on relatively small numbers of cases as well as small differences between figures. As in any survey work, the results are subject to errors of response and nonreporting and to sampling variability. For a further discussion of the accuracy of the data, see appendix B.

Comparison with the 1974 through 1983 Annual Housing Survey. Most of the subjects in the 1985 American Housing Survey Metropolitan Sample (AHS-MS) are the same as those in preredesign (1974 through 1983) Annual Housing Survey metropolitan samples. Beginning with 1984, the AHS-MS was redesigned, including the introduction of a new questionnaire. Most of the changes made in redesign were made to improve the quality of the data. As a result of these changes, however, several items in the 1985 AHS-MS are not comparable to similar data in 1974 through 1983. All comparisons made between 1974 and 1983 should be made with caution. Listed below are major differences noted as a result of redesign. The list may not be all inclusive. Differences noted as of the time of this publication include:

Inventory changes as a result of AHS redesign. In the redesigned AHS-MS, vacant mobile homes are included in the inventory. Prior to redesign, such units were not counted. These units should not be considered when estimating inventory change between redesigned AHS-MS surveys and 1974 through 1983 AHS-MS surveys.

Units in structure. In the 1974 through 1983 AHS-MS, data on units in structure were based on the respondents answer to one question, "How many living quarters, both occupied and vacant, are there in this house (building)?" In the redesigned AHS-MS, data on units in structure were based on the respondents answer to a series of questions (see item 20 through 23 on page 3 of the questionnaire in appendix A). The method of collecting units-in-structure data in the redesigned AHS-MS was revised as previous AHS experience has shown 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 MSA's between 1985 and the date of previous interview. It is estimated the preredesign (1974 through 1983) AHS-MS, 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 1985, correctly classified as being in multiunit structures.

Rooms in units. In the 1974 through 1983 AHS-MS, respondents answered a single question asking for a total count of rooms in a unit. The potential to miss specific

rooms is high in a question of this type. In the redesigned AHS, respondents were asked for a count of each specific type of room. The answers to these questions are then added together in the tabulations to provide a total count of rooms. Far fewer rooms should be missed in this series of questions. Based on research done for the 1985 American Housing Survey National sample (AHS-N), it is assumed that the 1974 through 1983 AHS-MS estimates of one-and two-room units are too high, resulting in low estimates for median number of rooms in many metropolitan areas.

Plumbing facilities. The data on plumbing facilities are suppressed in this report. Changes in the questionnaire have resulted in serious deficiencies in these data. In the 1974 through 1983 AHS-MS, respondents were asked a question on complete plumbing facilities which specified to the respondents the components necessary for complete plumbing (i.e., hot and cold piped water, a flush toilet, and a bathtub and shower). The question further insured that these facilities were **only** for the use of the occupants of the unit in which they were located (exclusive use). In those units with complete plumbing, an additional question was asked as to how many bathrooms there were.

In the redesigned AHS, respondents are first asked how many bathrooms they have. If they answer one or more bathrooms, questions on plumbing facilities are not asked; the unit is assumed to have complete plumbing facilities for exclusive use. Although the redesigned definition of a bathroom requires hot and cold piped water, a sink, a flush toilet, and a bathtub or shower, this definition is not read to the respondent as it was before redesign. Also, nothing in the question requires the bathroom to be **only** for the use of the occupants of the sample unit (exclusive use). We believe that the redesigned AHS is counting a significant number of units as having complete plumbing for exclusive use because respondents for these units reported having a bathroom when, in fact, either the bathroom does not contain all plumbing facilities or the facilities are shared by persons living in another unit. Based on previous years AHS data, we believe that "completeness" is more of a problem than "exclusive use."

In future AHS surveys, the questionnaire items on bathrooms and plumbing will be redesigned to provide more accurate estimates. 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 also be underestimated. The level of underestimation, however, may not be too large, as units which should have been counted as having severe problems due to plumbing, but were not so counted, may still be included as having severe problems for some other reason (heating, electrical, upkeep, or hallway problems).

Kitchens. In 1974 through 1983 AHS-MS, vacant units lacking kitchen facilities were counted as having them if it was intended for future occupants to have the facilities. It

was felt that this instruction caused underestimates of units lacking kitchen facilities in some areas of the country where kitchen facilities are made available to prospective tenants. The instruction was dropped in the redesigned AHS. In the redesigned AHS, vacant units are counted as lacking complete kitchen facilities if one or more of the facilities is absent regardless of what will be present when new occupants move in. It is now felt that the new procedures produced overestimates of units lacking facilities in areas of the country where the facilities are normally provided by the incoming tenants. It may well be that a simple, ideal way of measuring kitchen facilities for vacant units does not exist.

Also, in the redesigned AHS, the existence of each component of a kitchen is asked separately. In 1974 through 1983 AHS-MS, the existence of complete kitchen facilities was obtained through the answer to one question. It is felt that the 1974 through 1983 AHS underestimated the number of units lacking complete kitchen facilities as some of the respondents who reported having complete kitchen facilities lacked one or more of them. This is less likely to happen when the existence of each facility is asked separately as in the redesigned AHS.

In addition to the inclusion of vacant mobile homes as housing units as mentioned above, there are two additional minor changes to the housing unit definition.

One minor difference in the definition is the 1974 through 1983 requirement that a housing unit must have either direct access from the outside or through a common hallway, or complete kitchen facilities for the exclusive use of the occupants. In the redesigned American Housing Survey, the complete kitchen facilities alternative was dropped with direct access required of all units. A second minor difference is in the definition of group quarters. In the 1974 through 1983 Annual Housing Survey, a household containing 5 or more persons unrelated to the householder was considered to be group quarters. In the redesigned AHS, the cutoff was changed to 9 or more persons unrelated to the householder.

There are also some minor differences in the definition or presentation of several subjects. The 1974 through 1983 AHS reports presented data on gross rent for renter-occupied units, contract rent for vacant-for-rent units, and selected monthly housing costs for owner-occupied housing units. The same basic data is presented for all three groups in the redesigned AHS except that the subject is titled "monthly housing costs" for all three universes on all tables to ease presentation of the data on tables where more than one of the universes occur. For a detailed definition of "monthly housing costs" see page App-19 of appendix A.

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

In the AHS redesign, some of the data for recent movers are based on the householder's characteristics and some are based on characteristics of the respondent who may or may not be the householder. Before 1984 AHS redesign, all recent-mover data were based on the householder's characteristics.

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

Comparison with the 1980 Census of Housing. Care should be exercised in making comparisons between the 1985 AHS-MS reports and the 1980 Census of Housing results. Differences in the data may reflect such factors as the use of direct interview in the AHS contrasted with extensive use of self-enumeration in the census, the time periods during which the data were collected (possible seasonal effects), sample designs, estimation procedures used, sampling variability of the estimates, and the processing procedures.

See the section "Comparability with the 1980 Census of Housing Data" in appendix A for further discussion.

More detailed information on the technical and procedural matters covered in the text of this report can be obtained by writing to the Director of the Bureau of the Census, Washington, DC 20233.

DATA FOR MINORITY HOUSEHOLDS

In the 1985 AHS metropolitan reports, separate chapters are shown for housing units with a Black householder and housing units with a Hispanic householder (chapters 5 and 6, respectively). In any metropolitan area where a minority group is represented by less than 75 sample cases, chapters 5 and 6 are suppressed. In metropolitan areas with suppressed chapters, summary characteristics for minority households are still shown under the appropriate columns (Black or Hispanic) in chapters 2, 3, and 4.

For this metropolitan area, chapter 5 for Black households is shown and chapter 6 for Hispanic households is suppressed as there are only 36 sample cases of Hispanic households in the area.

**List of American Housing Survey Metropolitan Areas
by Year of First Interview**

1984		1985		1986		1987	
Name	Geography same as 1974-83 AHS ¹	Name	Geography same as 1974-83 AHS ¹	Name	Geography same as 1974-83 AHS ¹	Name	Geography same as 1974-83 AHS ¹
Birmingham, AL, MSA		Boston, MA-NH, CMSA		Anaheim-Santa Ana, CA, PMSA	X	Atlanta, GA, MSA	
Buffalo, NY, CMSA	X	Dallas, TX, PMSA	X	Cincinnati, OH-KY-IN, PMSA	X	Baltimore, MD, MSA	
Cleveland, OH, PMSA	X	Detroit, MI, PMSA		Denver, CO, CMSA		Chicago, IL, area PMSA's	
Indianapolis, IN, MSA	X	Fort Worth-Arlington, TX, PMSA		Kansas City, MO-KS, MSA		Columbus, OH, MSA	
Memphis, TN-AR-MS, MSA		Los Angeles-Long Beach, CA, PMSA	X	Miami-Ft. Lauderdale, FL, CMSA		Hartford, CT, CMSA	
Milwaukee, WI, PMSA	X	Minneapolis-St. Paul, MN-WI, MSA		New Orleans, LA, MSA		Houston, TX, area PMSA's	
Norfolk-Virginia Beach-Newport News, VA, MSA		Philadelphia, PA-NJ, PMSA	X	Pittsburgh, PA, CMSA		New York-Nassau-Suffolk, NY, area PMSA's	
Oklahoma City, OK, MSA		Phoenix, AZ, MSA	X	Portland, OR-WA, CMSA		Northern NJ, area PMSA's	
Providence-Pawtucket-Warwick, RI-MA, area PMSA's		San Francisco-Oakland, CA, area PMSA's	X	Riverside-San Bernardino-Ontario, CA, PMSA	X	St. Louis, MO-IL, CMSA	
Salt Lake City, UT, MSA		Tampa-St. Petersburg, FL, MSA		Rochester, NY, MSA		San Diego, CA, MSA	X
San Jose, CA, PMSA		Washington, DC-MD-VA, MSA		San Antonio, TX, MSA		Seattle-Tacoma, WA, CMSA	

¹Counties (or county equivalents) comprising the metropolitan area are the same as the 1974-83 AHS.

List of Annual Housing Survey SMSA's by Original Publication Groups

Group A	Years for which reports are published 19—	Group B	Years for which reports are published 19—	Group C	Years for which reports are published 19—
Albany-Schenectady-Troy, NY	74, 77, 80	Atlanta, GA	75, 78, 82	Allentown-Bethlehem-Easton, PA-NJ	76, 80
Anaheim-Santa Ana-Garden Grove, CA	74, 77, 81	Chicago, IL	75, 79, 83	Baltimore, MD	76, 79, 83
Boston, MA	74, 77, 81	Cincinnati, OH-KY-IN	75, 78, 82	Birmingham, AL	76, 80
Dallas, TX	74, 77, 81	Colorado Springs, CO	75, 78	Buffalo, NY	76, 79
Detroit, MI	74, 77, 81	Columbus, OH	75, 78, 82	Cleveland, OH	76, 79
Fort Worth, TX	74, 77, 81	Hartford, CT	75, 79, 83	Denver, CO	76, 79, 83
Los Angeles-Long Beach, CA	74, 77, 80	Kansas City, MO-KS	75, 78, 82	Grand Rapids, MI	76, 80
Madison, WI*	75, 77, 81	Miami, FL	75, 79, 83	Honolulu, HI	76, 79, 83
Memphis, TN-AR	74, 77, 80	Milwaukee, WI	75, 79	Houston, TX	76, 79, 83
Minneapolis-St. Paul, MN	74, 77, 81	New Orleans, LA	75, 78, 82	Indianapolis, IN	76, 80
Newark, NJ	74, 77, 81	Newport News-Hampton, VA	75, 78	Las Vegas, NV	76, 79
Orlando, FL	74, 77, 81	Paterson-Clifton-Passaic, NJ	75, 78, 82	Louisville, KY-IN	76, 80, 83
Phoenix, AZ	74, 77, 81	Philadelphia, PA-NJ	75, 78, 82	New York, NY	76, 80, 83
Pittsburgh, PA	74, 77, 81	Portland, OR-WA	75, 79, 83	Oklahoma City, OK	76, 80
Saginaw, MI	74, 77, 80	Rochester, NY	75, 78, 82	Omaha, NE-IA	76, 79
Salt Lake City, UT	74, 77, 80	San Antonio, TX	75, 78, 82	Providence-Pawtucket-Warwick, RI-MA	76, 80
Spokane, WA	74, 77, 81	San Bernardino-Riverside-Ontario, CA	75, 78, 82	Raleigh, NC	76, 79
Tacoma, WA	74, 77, 81	San Diego, CA	75, 78, 82	Sacramento, CA	76, 80, 83
Washington, DC-MD-VA	74, 77, 81	San Francisco-Oakland, CA	75, 78, 82	St. Louis, MO-IL	76, 80, 83
Wichita, KS	74, 77, 81	Springfield-Chicopee-Holyoke, MA-CT	75, 78	Seattle-Everett, WA	76, 79, 83

*Included with Group B for the first interview.

Table 1-1. Introductory Characteristics - All Housing Units

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

Characteristics	Total housing units	Seasonal	Year-round											New construction 4 yrs	Mobile homes	
			Occupied			Vacant										
			Total	Owner	Renter	Total	For rent	Rental vacancy rate	For sale only	Rent-ed or sold	Occa-sional use/ URE	Other vacant				
Total	908.0	8.9	899.1	855.8	578.8	277.0	43.3	20.0	6.7	6.9	7.1	5.0	4.4	70.8	18.6	
Units In Structure																
1, detached.....	549.4	8.6	540.8	526.8	494.9	31.9	14.0	2.2	6.4	3.4	3.3	3.2	1.9	30.5	...	
1, attached.....	59.3	-	59.3	56.0	31.4	24.8	3.3	1.0	3.9	1.7	.3	.2	.2	18.9	...	
2 to 4.....	84.4	.1	84.2	78.7	19.2	58.5	5.6	3.8	5.7	.6	.2	.3	.9	1.9	...	
5 to 9.....	22.9	-	22.9	20.2	1.2	19.0	2.7	1.8	7.8	-	.5	.2	.4	1.1	...	
10 to 19.....	48.7	-	48.7	47.5	3.1	44.4	2.1	1.0	2.2	.4	.6	.2	-	2.7	...	
20 to 49.....	59.2	-	59.2	53.3	4.5	48.8	5.8	4.9	9.1	-	.8	-	.2	3.4	...	
50 or more.....	64.6	.2	64.4	55.8	7.7	48.1	6.6	5.6	10.2	-	1.0	1.0	.2	11.0	...	
Mobile home or trailer.....	18.6	-	18.6	17.4	18.7	-	1.2	-	-	-	.5	-	.7	1.1	18.6	
Cooperatives and Condominiums																
Cooperatives.....	4.9	-	4.9	4.2	2.8	1.4	.8	-	-	.5	-	.2	-	1.5	-	
Condominiums.....	42.3	-	42.3	36.9	27.4	9.6	5.4	1.7	15.3	2.3	.8	.5	-	10.5	-	
Year Structure Built¹																
1990 to 1994.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1985 to 1989.....	16.3	-	16.3	10.8	7.6	3.2	5.5	3.7	52.3	1.0	.7	-	-	16.3	.2	
1980 to 1984.....	81.2	-	81.2	77.6	55.4	22.2	3.6	.8	3.4	1.8	.7	.4	.1	54.3	1.8	
1975 to 1979.....	101.2	.2	101.0	96.7	66.5	30.3	4.3	1.0	3.2	1.5	.6	.9	.2	...	7.3	
1970 to 1974.....	97.0	-	97.0	91.9	56.0	35.9	5.1	2.9	7.3	.3	.9	.8	.2	...	5.7	
1960 to 1969.....	188.0	3.6	184.4	176.3	101.2	75.1	8.1	5.5	6.8	.3	1.1	.5	.7	...	3.4	
1950 to 1959.....	135.9	2.8	133.1	129.9	107.5	22.4	3.2	1.0	4.3	.3	.9	.3	.6	...	.3
1940 to 1949.....	54.5	.6	53.9	51.8	44.1	7.7	2.0	.5	5.9	.3	1.0	.1	-	...	-	
1930 to 1939.....	66.4	.9	65.5	63.8	30.4	33.4	1.6	.4	1.3	-	.2	.6	.5	...	-	
1920 to 1929.....	81.3	.3	81.0	58.8	42.8	18.1	2.2	1.2	6.6	.1	.2	-	.7	...	-	
1919 or earlier.....	106.3	.5	105.8	98.0	67.2	30.8	7.8	2.9	8.6	1.4	.6	1.4	1.4	...	-	
Median.....	1962	1958	1962	1961	1960	1964	1966	1967	-	1977	1966	-	-	-	1975	
Statistical Areas																
Current units, in 1970 boundaries of MSA.....	816.1	6.7	809.4	773.0	510.2	262.8	36.4	18.5	6.5	6.2	5.6	2.6	3.4	62.6	10.0	
1970 central city(s).....	292.3	.2	292.2	274.9	141.4	133.5	17.2	10.3	7.1	2.3	2.0	.8	1.9	9.3	-	
1970 balance of MSA.....	523.7	6.5	517.2	498.0	368.7	129.3	19.2	8.3	6.0	4.0	3.7	1.8	1.4	53.4	10.0	
Current units, in 1983 boundaries of MSA.....	905.8	8.9	897.0	854.1	577.1	277.0	42.9	20.0	6.7	6.9	7.1	5.0	3.9	70.1	18.1	
1983 central city(s).....	292.3	.2	292.2	274.9	141.4	133.5	17.2	10.3	7.1	2.3	2.0	.8	1.9	9.3	-	
1983 balance of MSA.....	613.5	8.7	604.8	579.2	435.7	143.5	25.6	9.7	6.3	4.6	5.1	4.2	2.0	60.9	18.1	
Suitability for Year-Round Use²																
Built and heated for year-round use.....	903.7	4.6	899.1	855.8	578.8	277.0	43.3	20.0	6.7	6.9	7.1	5.0	4.4	70.6	18.6	
Not suitable.....	4.1	4.1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Not reported.....	.2	.2	-	-	-	-	-	-	-	-	-	-	-	-	-	
Duration of Vacancy																
Vacant units.....	48.9	7.9	40.9	...	...	...	40.9	20.0	...	6.9	7.1	2.6	4.4	7.8	1.2
Less than 1 month vacant.....	17.6	5.0	12.6	...	...	...	12.6	8.9	...	.3	2.8	.3	.2	.9	.2
1 month up to 2 months.....	4.0	-	4.0	...	...	...	4.0	2.6	...	.3	.6	-	.5	.3	-
2 months up to 6 months.....	8.4	.4	8.0	...	...	...	8.0	3.0	...	2.9	1.4	.4	.3	.6	-
6 months up to 1 year.....	5.1	1.5	3.5	...	...	...	3.5	1.3	...	.6	.5	.1	1.0	.2	-
1 year up to 2 years.....	2.6	-	2.6	...	...	...	2.6	.3	...	.5	.6	-	1.2	.8	-
2 years or more.....	2.8	1.0	1.8	...	...	...	1.8	.3	...	.2	.3	.3	1.0	-	-
Never occupied.....	5.6	-	5.6	...	...	...	5.6	3.2	...	1.2	.6	.5	-	5.2	-
Don't know.....	2.7	-	2.7	...	...	...	2.7	.5	...	1.0	.2	.9	.1	.8	-
Last Used as a Permanent Residence																
Vacant seasonal and URE units.....	11.3	8.9	2.4	...	...	...	2.4	...	...	...	...	2.4	...	.2	-
Less than 1 month since occupied as permanent home.....	-	-	-	...	...	...	-	...	...	...	...	-	...	-	-
1 month up to 2 months.....	-	-	-	...	...	...	-	...	...	...	...	-	...	-	-
2 months up to 6 months.....	.1	.1	-	...	...	...	-	...	...	...	...	.2	...	-	-
6 months up to 1 year.....	.2	-	.2	...	...	...	.2	...	...	...	...	-	...	-	-
1 year up to 2 years.....	-	-	-	...	...	...	-	...	...	...	...	-	...	-	-
2 years or more.....	5.0	4.5	.5	...	...	...	.5	...	...	...	...	.5	...	-	-
Never occupied as permanent home.....	5.5	4.1	1.4	...	...	...	1.4	...	...	...	...	1.4	...	.2	-
Don't know.....	.4	-	.4	...	...	...	.4	...	...	...	...	.4	...	-	-
Not reported.....	.2	.2	-	...	...	...	-	...	...	...	...	-	...	-	-

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

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

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

Characteristics	Total housing units	Seasonal	Year-round										New construction 4 yrs	Mobile homes		
			Occupied			Vacant										
			Total	Owner	Renter	Total	For rent	Rental vacancy rate	For sale only	Rent-ed or sold	Occa-sional user/ URE	Other vacant				
Total	908.0	8.9	899.1	855.8	578.8	277.0	43.3	20.0	6.7	6.8	7.1	5.0	4.4	70.6	18.6	
Rooms																
1 room.....	5.1	.4	4.8	4.2	.5	3.7	.8	.6	13.4	-	-	-	-	-	-	-
2 rooms.....	12.5	1.4	11.0	9.8	.1	8.4	1.5	.9	8.2	-	.3	-	.3	-	-	-
3 rooms.....	108.0	2.6	105.5	95.1	8.2	88.9	10.4	6.9	7.3	-	1.0	1.1	1.0	6.6	.3	
4 rooms.....	159.1	3.3	155.8	142.2	52.3	89.9	13.8	6.8	6.9	1.8	2.3	1.8	1.1	16.7	5.0	
5 rooms.....	160.1	.9	159.2	153.7	111.2	42.5	5.5	2.3	5.0	1.5	.8	.2	.8	16.9	9.8	
6 rooms.....	141.7	.3	141.3	134.9	109.1	25.8	6.4	2.0	7.3	.7	.9	1.9	1.0	8.2	2.2	
7 rooms.....	125.1	-	125.1	121.8	112.3	9.3	3.4	.3	3.0	2.2	.9	-	-	8.4	1.3	
8 rooms.....	87.2	-	87.2	86.2	82.4	3.8	1.0	.3	6.8	.3	.4	-	-	6.8	-	
9 rooms.....	59.4	-	59.4	58.6	56.4	2.2	.8	-	-	.2	.3	-	.3	5.3	-	
10 rooms or more.....	49.8	-	49.8	49.6	46.2	3.5	.3	-	-	-	.3	-	-	1.6	-	
Median.....	5.6	3.5	5.6	5.7	6.6	3.9	4.2	3.7	-	5.5	4.5	-	-	5.2	4.9	
Bedrooms																
None.....	15.7	1.3	14.4	12.2	.8	11.6	2.2	1.6	11.8	-	.3	-	.3	-	-	-
1.....	152.9	4.1	148.8	133.9	20.1	113.8	14.9	9.1	7.3	1.2	1.1	1.9	1.8	9.9	.6	
2.....	291.4	2.9	288.5	272.0	161.6	110.5	16.5	7.9	6.6	2.2	2.7	1.8	1.9	34.6	8.6	
3.....	291.1	.6	290.5	284.7	251.9	32.8	5.8	1.0	3.1	2.4	1.0	1.1	.3	17.9	9.2	
4 or more.....	158.9	-	158.9	152.9	144.6	8.4	4.0	.4	4.9	1.1	1.8	.3	.3	8.1	.3	
Median.....	2.5	1.3	2.5	2.5	2.9	1.8	1.8	1.4	-	2.5	2.3	-	-	2.2	2.5	
Complete Bathrooms																
None.....	7.5	3.3	4.2	3.1	1.5	1.7	1.0	.4	20.9	-	-	-	.6	-	.2	
1.....	500.8	5.3	495.5	484.1	230.5	233.6	31.3	16.9	6.7	3.2	5.3	2.7	3.3	37.2	12.9	
1 and one-half.....	172.0	.3	171.8	166.5	144.1	22.4	5.3	1.8	7.5	1.8	.5	.8	.5	10.5	2.9	
2 or more.....	227.7	-	227.7	222.0	202.6	19.3	5.7	.8	4.1	2.0	1.3	1.5	-	22.9	2.5	
Square Footage of Unit																
Single detached and mobile homes.....	568.0	8.6	559.4	544.2	511.6	32.6	15.2	2.2	8.3	3.4	3.8	3.2	2.7	31.6	18.6	
Less than 500.....	2.9	1.8	1.1	1.1	.8	.3	-	-	-	-	-	-	-	-	-	
500 to 749.....	9.6	3.3	6.3	5.1	4.0	1.1	1.2	-	-	-	.3	-	.9	2.0		
750 to 999.....	30.9	1.2	29.7	29.4	27.1	2.4	.3	-	-	-	.1	-	.2	1.7		
1,000 to 1,499.....	90.3	1.5	88.8	84.7	77.5	7.1	4.1	.9	10.9	1.0	1.0	.9	.2	4.3		
1,500 to 1,999.....	123.7	.1	123.5	120.9	112.4	8.5	2.6	-	.3	.5	1.8	-	-	6.5		
2,000 to 2,499.....	144.5	-	144.5	142.9	135.9	7.0	1.8	.6	7.5	.8	.3	-	.2	9.5		
2,500 to 2,999.....	80.6	.6	80.0	77.9	74.3	3.7	2.0	-	-	1.5	.3	.3	-	4.1		
3,000 to 3,999.....	57.1	-	57.1	56.2	54.5	1.7	1.0	-	-	-	1.0	-	-	3.9		
4,000 or more.....	18.1	-	18.1	17.5	17.5	.8	-	-	-	-	-	-	-	1.4		
Not reported (includes don't know).....	10.3	-	10.3	7.9	7.5	.3	2.4	.8	69.4	-	.3	.1	1.2	2.2		
Median.....	2 074	687	2 087	2 094	2 111	1 810	1 851	-	-	-	-	-	-	2 165	914	
Lot Size																
Less than one-eighth acre.....	71.7	-	71.7	70.3	62.4	7.8	1.4	.3	3.4	1.0	.2	-	-	2.2	8.8	
One-eighth up to one-quarter acre.....	142.2	1.0	141.3	140.0	134.4	5.6	1.2	-	-	1.0	.3	-	-	6.9	1.2	
One-quarter up to one-half acre.....	116.2	-	116.2	114.2	111.1	3.1	2.0	.4	11.4	.5	.7	.3	-	11.3	.3	
One-half up to one acre.....	56.4	-	56.4	55.3	53.9	1.5	1.1	.1	8.8	-	.3	.6	-	3.0	.2	
1 to 4 acres.....	56.0	-	56.0	54.1	51.5	2.8	2.0	.4	11.1	1.1	.4	-	-	4.8	.9	
5 to 9 acres.....	14.2	-	14.2	14.2	13.3	1.0	-	-	-	-	-	-	-	3.8	-	
10 acres or more.....	26.9	-	26.9	24.6	23.4	1.2	2.3	.9	43.0	-	1.1	.3	-	1.8	.3	
Don't know.....	112.9	-	112.9	109.3	76.6	32.7	3.6	1.1	3.3	1.4	1.0	-	-	13.3	6.2	
Not reported.....	18.4	-	18.4	18.2	16.6	1.6	.2	-	-	-	-	.2	-	3.2	-	
Median.....	.31	-	.31	.31	.31	.21	.66	-	-	-	-	-	-	.42	.19	

Table 1-5. Fuels - All Housing Units

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

Characteristics	Total housing units	Seasonal	Year-round											New construction 4 yrs	Mobile homes	
			Occupied				Vacant									
			Total	Total	Owner	Renter	Total	For rent	Rental vacancy rate	For sale only	Rented or sold	Occasional use/URE	Other vacant			
Total	908.0	8.9	899.1	855.8	578.8	277.0	43.3	20.0	6.7	6.9	7.1	5.0	4.4	70.6	18.6	
Main House Heating Fuel																
Housing units with heating fuel.....	905.7	7.0	898.6	855.4	578.5	277.0	43.2	19.9	6.6	6.9	7.1	5.0	4.4	70.6	18.6	
Electricity.....	38.2	1.9	36.3	34.1	16.8	17.3	2.1	.9	5.0	.9	-	-	.3	4.5	.7	
Piped gas.....	705.6	.8	704.9	673.5	467.8	205.7	31.3	15.7	7.0	5.5	5.2	2.3	2.6	53.7	15.1	
Bottled gas.....	27.9	2.8	25.1	21.7	19.2	2.5	3.4	5	16.4	.2	.3	2.1	.3	4.5	.8	
Fuel oil.....	86.4	-	86.4	81.4	45.8	35.8	5.0	2.2	5.7	.3	1.0	.4	1.1	3.4	1.7	
Kerosene or other liquid fuel.....	.4	-	.4	.4	-	-	-	-	-	-	-	-	-	-	-	
Coal or coke.....	1.1	-	1.1	1.1	-	1.1	-	-	-	-	-	-	-	2.1	.3	
Wood.....	30.1	1.5	28.6	28.3	26.7	1.5	.3	-	-	-	.3	-	-	4	.4	
Solar energy.....	.6	-	.6	.6	.8	-	-	-	-	-	-	-	-	-	-	
Other.....	15.3	-	15.3	14.3	1.2	13.1	1.0	.5	3.9	-	.2	.2	.1	2.0	-	
Other House Heating Fuels																
With other heating fuels ¹	200.8	.3	200.5	200.2	167.8	32.3	...	...	...	...	...	...	...	15.7	5.0
Electricity.....	65.3	-	65.3	65.3	54.6	10.7	...	...	...	...	...	...	...	2.7	1.9
Piped gas.....	6.7	-	6.7	6.7	6.2	.5	...	...	...	...	...	...	...	.5	-
Bottled gas.....	3.2	-	3.2	3.2	3.2	-	...	...	...	...	...	...	...	.4	-
Fuel oil.....	17.8	-	17.8	17.7	12.8	4.8	...	...	...	...	...	...	...	.4	.3
Kerosene or other liquid fuel.....	14.9	-	14.9	14.9	13.1	1.8	...	...	...	...	...	...	...	1.7	2.0
Coal or coke.....	.3	-	.3	.3	.3	-	...	...	...	...	...	...	...	-	-
Wood.....	89.7	.3	89.4	89.4	85.7	3.7	...	...	...	...	...	...	...	9.8	.6
Solar energy.....	2.8	-	2.8	2.8	2.4	.4	...	...	...	...	...	...	...	.5	.5
Other.....	12.5	-	12.5	12.3	1.5	10.9	...	...	...	...	...	...	...	.7	-
Not reported.....	3.4	-	3.4	3.4	1.6	1.8	...	...	...	...	...	...	...	-	-
Cooking Fuel																
With cooking fuel.....	901.6	8.4	893.2	854.2	578.5	275.7	39.0	19.0	6.4	5.5	6.4	5.0	3.1	69.7	18.1	
Electricity.....	485.8	3.8	482.0	459.0	312.3	146.6	23.0	11.5	7.2	3.6	3.8	2.9	1.3	51.7	2.8	
Gas.....	414.3	4.7	409.7	393.7	264.6	129.1	16.0	7.8	5.5	1.9	2.6	2.1	1.8	18.0	15.5	
Kerosene or other liquid fuel.....	.7	-	.7	.7	.7	-	-	-	-	-	-	-	-	-	-	
Coal or coke.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Wood.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Other.....	.9	-	.9	.9	.9	-	-	-	-	-	-	-	-	-	-	
Water Heating Fuel																
With hot piped water.....	904.9	6.5	898.4	855.2	578.6	276.6	43.2	20.0	6.7	6.9	7.1	5.0	4.3	70.6	18.6	
Electricity.....	140.0	2.6	137.4	130.2	82.5	37.7	7.2	2.5	6.2	1.2	1.8	.9	.6	9.7	4.0	
Gas.....	734.8	3.9	730.9	696.6	477.7	219.0	34.3	17.1	7.2	5.1	5.0	3.5	3.5	59.6	14.6	
Fuel oil.....	6.7	-	6.7	6.5	4.7	1.8	.1	-	-	.1	-	-	-	-	-	
Kerosene or other liquid fuel.....	.1	-	.1	.1	.1	-	-	-	-	-	-	-	-	-	-	
Coal or coke.....	1.5	-	1.5	1.5	-	1.5	-	-	-	-	-	-	-	-	-	
Wood.....	.9	-	.9	.9	.9	-	-	-	-	-	-	-	-	-	-	
Solar energy.....	1.3	-	1.3	1.3	1.3	-	-	-	-	-	-	-	-	-	-	
Other.....	19.5	-	19.5	17.9	1.3	16.6	1.6	.4	2.2	.3	.2	.5	.1	1.2	-	
Central Air Conditioning Fuel																
With central air conditioning.....	292.5	.1	292.4	280.7	244.9	35.8	11.8	3.4	8.5	4.1	1.6	2.0	.5	34.0	5.4	
Electricity.....	248.5	-	249.5	239.6	211.2	28.7	9.7	2.4	7.7	3.5	1.1	2.0	.5	28.0	5.0	
Gas.....	40.1	.1	39.9	38.4	31.4	6.9	1.8	.5	7.3	.6	.4	-	-	5.1	.4	
Other.....	2.9	-	2.9	2.5	2.3	.2	.4	.4	63.5	-	-	-	-	.9	-	
Clothes Dryer Fuel																
With clothes dryer.....	606.1	.6	605.5	597.2	533.8	63.4	6.3	1.2	1.8	2.8	2.1	1.3	.9	54.4	14.5	
Electricity.....	281.0	-	281.0	274.8	235.3	39.5	6.2	.8	2.0	2.4	1.7	1.3	-	31.4	9.0	
Gas.....	324.2	.6	323.6	321.5	297.7	23.9	2.1	.4	1.5	.4	.4	-	.9	23.0	5.5	
Other.....	.9	-	.9	.9	.9	-	-	-	-	-	-	-	-	-	-	
Units Using Each Fuel¹																
Electricity.....	885.4	1.0	884.5	855.8	578.8	277.0	28.7	20.0	6.7	2.3	4.0	2.4	-	69.0	17.4	
All-electric units.....	26.5	.8	25.7	24.7	13.7	11.1	1.0	.3	2.8	.8	-	-	-	3.2	.2	
Gas.....	809.7	1.0	808.8	783.2	526.6	256.6	25.8	18.1	6.5	1.7	3.7	2.0	-	62.8	16.9	
Fuel oil.....	119.2	-	119.2	114.7	60.6	54.1	4.6	3.6	6.1	-	.5	-	-	4.9	1.2	
Kerosene or other liquid fuel.....	15.6	-	15.6	15.6	13.8	1.8	-	-	-	-	-	-	-	1.7	2.0	
Coal or coke.....	1.8	-	1.8	1.8	.3	1.5	-	-	-	-	-	-	-	-	-	
Wood.....	119.8	1.9	117.9	117.6	112.4	5.2	.3	-	-	-	.3	-	-	11.7	.9	
Solar energy.....	4.2	-	4.2	4.2	3.8	.4	-	-	-	-	-	-	-	.9	.5	
Other.....	25.9	-	25.9	24.1	4.4	19.8	1.7	.5	2.6	.3	.2	.5	.1	2.4	-	

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

Table 1-7. Financial Characteristics - All Housing Units

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

Characteristics	Total housing units	Seasonal	Year-round											New construction 4 yrs	Mobile homes
			Occupied				Vacant								
			Total	Total	Owner	Renter	Total	For rent	Rental vacancy rate	For sale only	Rent- ed or sold	Occa- sional/ URE	Other vacant		
Total	908.0	8.9	899.1	855.8	578.8	277.0	43.3	20.0	6.7	6.9	7.1	5.0	4.4	70.6	18.8
Monthly Housing Costs¹															
Less than \$100	9.4	...	9.4	9.4	3.1	6.2	-	-	-	...	...	...	...	4	-
\$100 to \$199	88.9	...	88.9	88.7	61.3	27.3	.3	.3	1.0	...	...	...	...	4.2	1.7
\$200 to \$249	60.9	...	60.9	59.5	48.1	11.5	1.3	1.3	10.2	...	...	...	...	1.4	2.6
\$250 to \$299	63.2	...	63.2	62.2	41.9	20.2	1.0	1.0	4.8	...	...	...	...	.7	1.4
\$300 to \$349	65.6	...	65.6	61.4	31.9	29.5	4.2	4.2	12.6	...	...	...	...	.9	2.2
\$350 to \$399	62.8	...	62.8	61.3	28.5	32.8	1.5	1.5	4.3	...	...	...	...	1.3	.5
\$400 to \$449	65.2	...	65.2	62.6	27.4	35.1	2.6	2.6	6.9	...	...	...	...	2.1	1.0
\$450 to \$499	85.4	...	85.4	81.7	31.5	30.2	3.7	3.7	11.0	...	...	...	...	3.8	1.1
\$500 to \$599	98.3	...	98.3	94.0	57.0	37.0	4.4	4.4	10.5	...	...	...	...	6.5	4.0
\$600 to \$699	71.4	...	71.4	70.4	49.0	21.4	1.0	1.0	4.5	...	...	...	...	9.3	2.0
\$700 to \$799	50.9	...	50.9	50.9	41.5	9.4	-	-	-	...	...	...	...	6.1	-
\$800 to \$999	65.1	...	65.1	65.1	58.1	7.0	-	-	-	...	...	...	...	13.4	-
\$1,000 to \$1,249	31.4	...	31.4	31.4	30.9	.6	-	-	-	...	...	...	...	7.0	-
\$1,250 to \$1,499	13.3	...	13.3	13.3	13.0	.4	-	-	-	...	...	...	...	3.3	-
\$1,500 or more	10.5	...	10.5	10.5	10.3	.2	-	-	-	...	...	...	...	2.9	-
No cash rent	8.2	...	8.2	8.2	-	8.2	-	-	-	...	...	...	...	.4	.2
Mortgage payment not reported	45.3	...	45.3	45.3	45.3	-	-	-	-	...	...	...	...	3.3	.6
Median (excludes no cash rent)	448	...	448	447	489	410	432	432	-	...	...	...	...	719	388
Rent Reductions															
No subsidy or income reporting .....	...	...	...	230.9	...	230.9	...	17.3	...	...	3.0	...	...	17.2	.7
Rent control .....	...	...	...	3.7	...	3.7	...	.1	...	...	...	...	...	-	-
No rent control .....	...	...	...	227.0	...	227.0	...	17.0	...	...	3.0	...	...	17.2	.7
Reduced by owner .....	...	...	...	17.0	...	17.0	...	-	...	...	...	...	...	.4	.5
Not reduced by owner .....	...	...	...	209.7	...	209.7	...	-	...	...	...	...	...	12.5	.2
Owner reduction not reported .....	...	...	...	.3	...	.3	...	-	...	...	...	...	...	-	-
Rent control not reported .....	...	...	...	.2	...	.2	...	.2	...	...	...	...	...	-	-
Owned by public housing authority .....	...	...	...	17.1	...	17.1	...	1.1	...	...	-	...	...	1.5	-
Other, Federal subsidy .....	...	...	...	17.9	...	17.9	...	.4	...	...	.2	...	...	1.5	-
Other, State or local subsidy .....	...	...	...	4.2	...	4.2	...	-	...	...	...	...	...	-	-
Other, income verification .....	...	...	...	4.9	...	4.9	...	-	...	...	...	...	...	.2	-
Subsidy or income verification not reported .....	...	...	...	2.0	...	2.0	...	1.2	...	...	...	...	...	-	-
OWNER HOUSING UNITS															
Total	592.0	1.0	591.1	578.8	578.8	-	12.3	-	-	6.9	3.9	1.6	-	50.0	17.2
Average Monthly Cost Paid for Real Estate Taxes															
Less than \$25	41.1	-	41.1	39.5	39.5	...	1.6	...	...	.8	1.0	-	...	11.9	15.5
\$25 to \$49	132.0	.8	131.4	129.9	129.9	...	1.4	...	...	.7	.3	.4	...	11.6	1.4
\$50 to \$74	142.6	-	142.6	140.7	140.7	...	1.9	...	...	1.4	.4	-	...	9.2	-
\$75 to \$99	91.2	-	91.2	88.4	88.4	...	2.8	...	...	1.8	.9	.3	...	3.9	-
\$100 to \$149	101.2	.9	100.8	98.4	98.4	...	2.5	...	...	1.0	.7	.8	...	7.3	-
\$150 to \$199	40.5	-	40.5	40.3	40.3	...	.2	...	...	.2	-	-	...	2.8	.3
\$200 or more	43.5	-	43.5	41.5	41.5	...	2.0	...	...	1.4	.6	-	...	3.2	-
Median	72	-	72	71	71	...	86	...	...	86	-	-	...	54	25-
Annual Taxes Paid Per \$1,000 Value															
Less than \$5	26.2	-	26.2	25.1	25.1	...	1.1	-	...	.6	.5	-	...	13.5	2.4
\$5 to \$9	191.9	.8	191.3	189.4	189.4	...	1.9	...	...	.5	.9	.4	...	17.7	6.5
\$10 to \$14	184.0	-	184.0	180.0	180.0	...	4.1	...	...	2.7	.8	.6	...	8.4	4.7
\$15 to \$19	115.4	-	115.4	112.3	112.3	...	3.1	...	...	2.5	.3	.3	...	6.9	2.4
\$20 to \$24	39.9	-	39.9	38.3	38.3	...	1.5	...	...	.4	.9	.2	...	2.2	1.0
\$25 or more	34.8	.3	34.3	33.6	33.6	...	.7	...	...	.2	.5	-	...	1.4	.3
Median	12	-	12	12	12	...	14	...	...	14	-	-	...	8	10
Condominium and Cooperative Fee															
Fee paid	30.6	...	30.6	28.3	28.3	...	2.4	...	...	1.4	.8	.2	...	6.0	-
Less than \$25 per month .....	.2	...	.2	.2	.2	...	-	...	...	-	-	-	...	-	-
\$25 to \$49	8.1	...	8.1	7.1	7.1	...	1.1	...	...	.2	.7	.2	...	3.2	-
\$50 to \$74	5.2	...	5.2	5.0	5.0	...	.2	...	...	.2	-	-	...	1.7	-
\$75 to \$99	2.9	...	2.9	2.9	2.9	...	-	...	...	-	-	-	...	-	-
\$100 to \$149	8.9	...	8.9	8.3	8.3	...	.5	...	...	.4	.1	-	...	1.8	-
\$150 to \$199	2.0	...	2.0	2.0	2.0	...	-	...	...	-	-	-	...	.4	-
\$200 or more per month	1.8	...	1.8	1.6	1.6	...	-	...	...	-	-	-	...	2	-
Not reported	1.7	...	1.7	1.1	1.1	...	.8	...	...	.6	-	-	...	6	-
Median	83	...	83	86	86	...	-	...	...	-	-	-	...	58	-
Other Housing Costs Per Month															
Homeowner association fee paid	27.4	...	27.4	25.6	25.6	...	1.8	...	...	.8	.8	.2	...	6.8	-
Median	84	...	84	87	87	...	-	...	...	-	-	-	...	80	-
Mobile home park fee paid .....	.3	...	.3	.3	.3	...	-	...	...	-	-	-	...	.3	.3
Median .....	-	...	-	-	-	...	-	...	...	-	-	-	...	-	-
Land rent fee paid	1.1	...	1.1	1.1	.8	...	-	...	...	-	-	-	...	-	.5
Median .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

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

Characteristics	Total housing units	Seasonal	Year-round										New construction 4 yrs	Mobile homes	
			Total	Occupied			Vacant								
				Total	Owner	Renter	Total	For rent	Rental vacancy rate	For sale only	Rent-ed or sold	Occa-sional use/ URE			Other vacant
OWNER HOUSING UNITS—Con.															
Value²															
Less than \$10,000.....	10.9	...	10.9	10.6	10.6	...	.3	...	...	-	.3	-	...	.2	6.3
\$10,000 to \$19,999.....	13.1	...	13.1	12.9	12.9	...	.2	...	...	-	.2	-	...	.3	7.1
\$20,000 to \$29,999.....	7.6	...	7.6	7.6	7.6	...	-	...	...	-	-	-	...	.8	3.5
\$30,000 to \$39,999.....	16.5	...	16.5	16.5	16.5	...	-	...	...	-	-	-	...	.2	-
\$40,000 to \$49,999.....	28.1	...	27.5	25.6	25.6	...	1.9	...	...	.9	1.0	-	...	1.0	-
\$50,000 to \$59,999.....	54.9	...	54.9	53.3	53.3	...	1.6	...	...	1.3	.3	-	...	4.8	.2
\$60,000 to \$69,999.....	99.4	...	99.1	97.3	97.3	...	1.7	...	...	.9	.6	.6	...	6.3	-
\$70,000 to \$79,999.....	106.8	...	106.8	104.9	104.9	...	1.9	...	...	.9	.6	.3	...	6.6	.1
\$80,000 to \$89,999.....	123.1	...	123.1	122.2	122.2	...	.9	...	...	.9	-	-	...	12.6	-
\$100,000 to \$119,999.....	47.8	...	47.8	46.9	46.9	...	.9	...	...	.2	.7	-	...	4.9	-
\$120,000 to \$149,999.....	36.4	...	36.4	35.8	35.8	...	.6	...	...	.4	.7	-	...	5.8	-
\$150,000 to \$199,999.....	29.0	...	29.0	28.0	28.0	...	1.0	...	...	-	-	.6	...	3.8	-
\$200,000 to \$249,999.....	6.8	...	6.8	6.8	6.8	...	-	...	...	-	-	-	...	1.3	-
\$250,000 to \$299,999.....	4.7	...	4.7	3.3	3.3	...	1.4	...	...	1.4	-	-	...	.6	-
\$300,000 or more.....	7.0	...	7.0	7.0	7.0	...	-	...	...	-	-	-	...	.8	-
Time shared units.....	-	...	-	-	-	...	-	...	...	-	-	-	...	-	-
Median.....	76 137	...	76 182	76 240	76 240	...	72 945	...	...	73 473	...	...	...	87 823	13 200
Other Activities on Property³															
Commercial establishment.....	6.0	...	6.0	5.9	5.9	...	.1	...	...	-	.1	-	...	1.4	.3
Medical or dental office.....	1.3	...	1.3	1.3	1.3	...	-	...	...	-	-	-	...	1.0	.3
Neither.....	585.7	...	584.7	572.6	572.6	...	12.2	...	...	6.9	3.7	1.6	...	48.7	16.9

¹Rent asked for vacant units.

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

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

Table 2-1. Introductory Characteristics - Occupied Units

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

Characteristics	Total occupied units	Tenure		Housing unit characteristics				Household characteristics					Selected subareas ¹		
		Owner	Renter	New construction 4 yrs	Mobile homes	Physical problems		Black	Hispanic	Elderly (65+)	Moved in past year	Below poverty level	Area one	Area two	Area three
						Severe	Moderate								
Total	655.8	578.8	277.0	62.6	17.4	5.7	24.1	20.5	8.0	145.2	183.2	66.4	164.4	110.5	234.7
Tenure															
Owner occupied.....	578.8	578.8	---	46.9	16.7	1.0	10.9	7.1	3.2	98.9	57.1	20.2	79.6	61.9	170.9
Percent of all occupied.....	67.8	100.0	---	74.9	96.1	17.9	45.4	34.7	40.3	68.1	31.2	30.4	48.4	56.0	72.8
Renter occupied.....	277.0	---	277.0	15.7	.7	4.6	13.2	13.4	4.8	46.3	126.1	46.2	84.9	48.6	63.8
Race and Origin															
White.....	822.2	567.5	254.7	61.5	16.8	4.8	22.7	---	6.4	142.5	171.3	55.7	148.6	103.5	230.6
Non-Hispanic.....	815.8	564.9	250.8	60.8	16.8	4.7	22.1	---	---	141.8	168.8	54.5	145.7	101.4	229.1
Hispanic.....	6.4	2.6	3.8	.7	---	.1	.6	---	6.4	.9	2.6	1.2	.6	2.1	1.6
Black.....	20.5	7.1	13.4	.6	---	.8	.7	20.5	.8	2.1	7.1	6.6	13.4	4.0	2.0
Other.....	13.1	4.2	9.0	.5	.6	---	.7	---	.9	.5	4.7	4.1	4.5	3.1	2.1
Total Hispanic.....	8.0	3.2	4.8	.9	---	.1	.6	.8	8.0	1.2	3.5	1.9	1.7	2.3	1.8
Units in Structure															
1, detached.....	526.8	494.9	31.9	29.7	---	1.4	13.4	6.0	4.2	67.0	60.7	20.3	76.9	55.0	154.5
1, attached.....	56.0	31.4	24.6	17.3	---	.2	1.1	1.3	.7	4.6	16.9	4.3	5.9	5.2	19.9
2 to 4.....	78.7	19.2	59.5	1.5	---	.6	4.9	4.4	1.1	10.8	27.9	14.2	34.8	22.1	6.9
5 to 9.....	20.2	1.2	19.0	.6	---	.8	1.0	.3	.7	2.8	8.2	3.5	5.6	5.4	4.7
10 to 19.....	47.5	3.1	44.4	2.3	---	1.2	1.5	3.3	.8	6.7	22.2	6.3	11.4	9.8	13.4
20 to 49.....	53.3	4.5	48.8	2.7	---	1.3	1.4	3.3	.1	11.2	22.5	6.4	12.5	7.6	15.1
50 or more.....	55.8	7.7	48.1	7.5	---	.1	.7	1.9	.4	20.2	21.2	10.2	17.3	5.4	19.9
Mobile home or trailer.....	17.4	16.7	.7	1.1	17.4	---	.1	---	---	2.1	3.6	1.2	---	---	.3
Cooperatives and Condominiums															
Cooperatives.....	4.2	2.8	1.4	1.3	---	---	.2	.2	---	1.4	1.8	---	1.4	.3	1.0
Condominiums.....	36.9	27.4	9.6	6.2	---	---	1.0	1.2	1.0	5.3	11.0	.9	4.5	5.0	16.2
Year Structure Built²															
1990 to 1994.....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1985 to 1989.....	10.8	7.6	3.2	10.8	.2	---	.2	---	.2	1.2	10.8	.4	.8	1.1	3.3
1980 to 1984.....	77.6	55.4	22.2	51.8	1.8	---	.9	.7	.7	8.4	19.9	4.1	2.7	2.0	22.1
1975 to 1979.....	96.7	66.5	30.3	---	6.9	.7	1.3	3.0	.3	12.6	19.8	9.6	6.4	4.6	31.2
1970 to 1974.....	91.9	56.0	35.9	---	5.7	.1	1.3	2.2	1.4	9.3	19.8	5.2	10.8	5.0	24.7
1960 to 1969.....	176.3	101.2	75.1	---	2.8	.9	4.8	5.9	1.2	27.2	40.5	13.1	21.1	15.8	61.1
1950 to 1959.....	129.9	107.5	22.4	---	.3	.4	1.8	.3	1.1	25.6	15.4	8.0	14.0	13.4	60.0
1940 to 1949.....	51.8	44.1	7.7	---	---	.8	1.9	---	.2	19.2	6.5	2.4	11.4	8.4	15.6
1930 to 1939.....	63.8	30.4	33.4	---	---	1.4	1.5	4.4	.8	10.4	19.6	8.1	31.2	13.5	8.5
1920 to 1929.....	58.8	42.8	16.1	---	---	.5	2.9	1.6	1.7	14.0	11.5	2.7	28.6	18.2	3.7
1919 or earlier.....	98.0	87.2	30.8	---	---	.8	7.8	2.2	.8	17.4	19.4	12.7	37.6	28.5	4.4
Median.....	1961	1960	1964	---	1975	1942	1939	1963	1958	1955	1965	1959	1935	1936	1964
Statistical Areas															
Current units, in 1970 boundaries of MSA.....	773.0	510.2	262.8	55.1	9.6	5.4	21.8	20.2	7.3	130.8	171.3	58.7	164.4	110.5	234.7
1970 central city(s).....	274.9	141.4	133.5	5.5	---	3.6	13.0	17.3	4.0	62.4	71.1	38.2	164.4	110.5	---
1970 balance of MSA.....	498.0	368.7	129.3	49.5	9.6	1.8	8.8	2.9	3.3	68.4	100.1	22.5	---	---	234.7
Current units, in 1983 boundaries of MSA.....	854.1	577.1	277.0	62.2	17.4	5.7	24.1	20.5	8.0	144.4	183.0	66.4	164.4	110.5	234.7
1983 central city(s).....	274.9	141.4	133.5	5.5	---	3.6	13.0	17.3	4.0	62.4	71.1	38.2	164.4	110.5	---
1983 balance of MSA.....	579.2	435.7	143.5	56.7	17.4	2.1	11.1	3.1	4.0	82.0	111.8	30.2	---	---	234.7
Selected Geographic Areas															
Anoka County, Minnesota.....	72.5	58.5	14.0	9.3	2.9	.4	1.4	.3	.3	7.8	12.0	3.0	---	---	---
Dakota County, Minnesota.....	77.4	56.6	20.8	10.4	4.2	.4	1.5	.5	.4	10.1	17.9	3.9	---	---	---
Hennepin County, Minnesota.....	399.1	250.4	148.7	21.0	.3	3.0	9.4	15.3	3.5	74.5	90.2	29.1	164.4	---	234.7
Ramsey County, Minnesota.....	182.8	113.6	68.2	11.0	2.2	1.5	8.1	4.1	2.8	32.9	42.1	20.0	---	110.5	---
Washington County, Minnesota.....	41.1	31.0	10.1	3.4	---	---	1.5	---	.3	5.5	9.2	2.8	---	---	---
Wright County, Minnesota.....	24.0	19.0	5.0	1.7	2.9	.1	.1	.3	.1	4.7	5.1	3.0	---	---	---

¹See back cover for details.

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

Table 2-5. Fuels - Occupied Units

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

Characteristics	Total occupied units	Tenure		Housing unit characteristics				Household characteristics					Selected subareas ¹		
		Owner	Renter	New construction 4 yrs	Mobile homes	Physical problems		Black	Hispanic	Elderly (65+)	Moved in past year	Below poverty level	Area one	Area two	Area three
						Severe	Moderate								
Total	855.8	576.8	277.0	62.6	17.4	5.7	24.1	20.5	6.0	145.2	183.2	66.4	164.4	110.5	234.7
Main House Heating Fuel															
Housing units with heating fuel.....	855.4	578.5	277.0	62.6	17.4	5.7	24.1	20.5	6.0	145.2	183.2	66.4	164.4	110.5	234.4
Electricity.....	34.1	16.8	17.3	3.7	.7	.1	.3	.5	.2	4.5	11.7	2.6	5.5	3.3	7.3
Piped gas.....	673.5	467.8	205.7	47.4	14.7	4.3	20.1	16.5	6.4	118.4	141.2	47.2	145.5	94.4	197.8
Bottled gas.....	21.7	19.2	2.5	4.5	.8	-	.6	-	.2	2.2	2.5	1.3	-	-	3.2
Fuel oil.....	81.4	45.8	35.6	3.0	.9	.7	1.7	2.3	.9	14.8	17.2	9.4	11.4	5.9	20.7
Kerosene or other liquid fuel.....	.4	.4	-	-	-	-	-	-	-	-	-	-	-	-	-
Coal or coke.....	1.1	-	1.1	-	-	-	-	-	.2	-	.7	.3	-	-	-
Wood.....	28.3	26.7	1.5	2.1	.3	-	1.2	-	-	1.7	4.0	1.7	.6	.5	3.7
Solar energy.....	.6	.6	-	.4	-	-	-	-	-	-	-	-	-	-	-
Other.....	14.3	1.2	13.1	1.5	-	.5	.2	1.2	.1	3.6	5.9	3.8	1.5	6.4	1.6
Other House Heating Fuels															
With other heating fuels ²	200.2	167.8	32.3	15.7	5.0	.8	5.8	2.0	1.3	24.5	30.0	8.4	24.4	21.3	40.8
Electricity.....	65.3	54.6	10.7	2.7	1.9	.3	3.5	.2	.6	7.5	10.3	2.1	16.5	10.2	12.7
Piped gas.....	6.7	6.2	.5	.5	-	-	-	-	-	-	.8	-	.3	.2	1.4
Bottled gas.....	3.2	3.2	-	.4	-	-	-	-	-	-	-	-	-	-	-
Fuel oil.....	17.7	12.8	4.8	.4	.3	-	.4	-	-	4.8	2.6	.7	2.7	.8	2.9
Kerosene or other liquid fuel.....	14.9	13.1	1.8	1.7	2.0	-	.3	.6	-	.7	1.8	.3	1.3	1.7	2.0
Coal or coke.....	.3	.3	-	-	-	-	-	-	-	-	.3	-	-	-	-
Wood.....	89.4	85.7	3.7	9.6	.8	-	1.9	.4	.2	8.4	10.8	1.9	4.2	3.0	21.7
Solar energy.....	2.8	2.4	.4	.5	.5	-	-	-	-	.7	-	.5	-	.2	.7
Other.....	12.3	1.5	10.9	.7	-	.5	.2	.9	.5	3.2	5.0	3.2	1.5	5.3	2.1
Not reported.....	3.4	1.6	1.8	-	-	.2	-	.2	-	.4	.6	.2	.2	.1	2.5
Cooking Fuel															
With cooking fuel.....	854.2	578.5	275.7	62.6	17.4	4.8	23.4	20.5	7.9	145.2	182.6	65.7	163.8	110.1	234.7
Electricity.....	459.0	312.3	146.6	45.3	2.4	1.8	11.2	8.2	3.9	78.4	95.4	29.8	48.4	46.7	145.2
Piped gas.....	371.2	243.7	127.5	15.3	14.0	2.9	11.9	12.0	4.0	62.8	85.4	33.3	115.4	62.7	87.0
Bottled gas.....	22.4	20.9	1.5	2.1	1.0	.1	.3	.3	-	3.1	1.9	2.0	-	.3	2.6
Kerosene or other liquid fuel.....	.7	.7	-	-	-	-	-	-	-	-	-	.3	-	-	-
Coal or coke.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wood.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other.....	.9	.9	-	-	-	-	-	-	-	.9	-	.3	-	.3	-
Water Heating Fuel															
With hot piped water.....	855.2	578.6	276.6	62.6	17.4	5.1	24.1	20.5	7.9	145.1	182.7	66.1	164.3	110.2	234.7
Electricity.....	130.2	92.5	37.7	8.9	4.0	.3	3.2	.8	.7	24.9	26.9	10.0	8.7	5.5	25.6
Piped gas.....	670.1	453.2	216.9	48.1	12.4	4.3	18.6	17.3	6.5	110.3	145.2	49.8	152.3	97.4	200.1
Bottled gas.....	26.5	24.5	2.0	4.9	1.1	-	.4	.3	.2	2.6	2.7	1.1	-	.3	3.8
Fuel oil.....	6.5	4.7	1.8	-	-	-	.3	.6	-	2.8	.3	1.2	.8	.9	1.8
Kerosene or other liquid fuel.....	.1	.1	-	-	-	-	-	-	-	-	-	-	-	-	-
Coal or coke.....	1.5	-	1.5	-	-	-	.2	-	.2	-	.9	.3	-	-	.2
Wood.....	.9	.9	-	-	-	-	-	-	-	-	-	-	.3	-	-
Solar energy.....	1.3	1.3	-	-	-	-	-	-	-	-	-	-	-	-	.5
Other.....	17.9	1.3	16.6	.7	-	.5	.2	1.5	.3	4.7	6.8	3.7	2.1	6.1	2.7
Central Air Conditioning Fuel															
With central air conditioning.....	280.7	244.9	35.8	30.2	5.1	.7	2.6	1.7	1.6	43.3	39.6	8.2	23.0	20.3	113.9
Electricity.....	239.8	211.2	28.7	26.0	4.7	.7	1.6	1.1	1.0	35.0	34.3	7.4	19.8	15.9	95.1
Piped gas.....	37.3	30.7	6.6	3.7	.4	-	1.0	.3	.6	7.4	5.1	.9	2.9	3.5	18.1
Other.....	3.6	3.1	.5	.5	-	-	-	.2	-	.9	.2	-	.2	.9	.7
Clothes Dryer Fuel															
With clothes dryer.....	597.2	533.8	63.4	52.4	14.3	1.3	15.2	7.0	4.5	87.2	78.8	24.0	79.1	68.0	178.4
Electricity.....	274.8	235.3	39.5	29.5	8.8	.8	6.8	1.8	1.8	34.8	44.9	14.3	22.8	17.3	75.0
Piped gas.....	309.2	285.9	23.3	20.9	5.5	.4	8.1	5.2	2.5	51.3	32.6	9.2	56.3	48.8	101.3
Other.....	13.2	12.6	.6	1.9	-	.1	.3	-	.2	1.1	1.3	.4	-	-	2.1
Units Using Each Fuel²															
Electricity.....	855.8	578.6	277.0	62.6	17.4	5.7	24.1	20.5	8.0	145.2	183.2	66.4	164.4	110.5	234.7
All-electric units.....	24.7	13.7	11.1	2.8	.2	-	.2	.2	-	4.1	6.7	2.0	3.4	1.7	5.5
Piped gas.....	742.3	488.9	253.4	52.5	15.2	5.5	21.0	19.7	7.5	127.5	165.5	57.5	160.4	107.3	216.4
Bottled gas.....	40.9	37.7	3.2	5.1	1.7	.1	1.0	.3	.2	5.0	4.0	2.9	-	.3	5.2
Fuel oil.....	114.7	60.6	54.1	4.5	1.2	.9	2.8	3.1	1.0	24.3	25.9	13.9	16.2	13.0	26.3
Kerosene or other liquid fuel.....	15.6	13.8	1.8	1.7	2.0	-	.3	.6	-	.7	1.8	.6	1.3	1.7	2.0
Coal or coke.....	1.8	.3	1.5	-	-	-	.2	-	.2	-	1.1	.3	-	-	.2
Wood.....	117.6	112.4	5.2	11.7	.9	-	3.2	.4	.2	10.1	14.8	3.6	4.8	3.6	25.4
Solar energy.....	4.2	3.8	.4	.9	.5	-	-	-	-	.7	-	.5	-	.2	.8
Other.....	24.1	4.4	19.8	1.9	-	.5	.2	1.5	.6	7.1	8.4	5.4	2.4	7.8	4.2

¹See back cover for details.

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

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

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

Characteristics	Total occupied units	Tenure		Housing unit characteristics				Household characteristics					Selected subareas ¹		
		Owner	Renter	New construction 4 yrs	Mobile homes	Physical problems		Black	Hispanic	Elderly (65+)	Moved in past year	Below poverty level	Area one	Area two	Area three
						Severe	Moderate								
Household Moves and Formation After 1979															
Total with a move after 1979	457.2	227.7	229.5	62.6	11.2	4.9	17.1	13.0	5.3	33.0	183.2	40.9	92.5	63.0	119.9
Household all moved here from one unit	307.7	138.7	169.1	46.2	9.3	3.8	10.4	10.0	4.4	27.8	141.4	34.7	62.1	39.8	79.8
Householder of previous unit did not move here	49.7	16.8	32.9	3.7	1.6	.9	1.5	2.0	.5	2.4	26.8	8.2	14.2	5.8	12.5
Householder of previous unit moved here	245.4	113.9	131.6	39.5	7.6	2.7	8.6	8.0	3.9	23.1	111.7	24.9	47.0	33.1	62.5
Householder of previous unit not reported	12.5	8.0	4.6	3.1	.2	.1	.3	-	-	2.2	3.0	1.6	.9	.9	4.8
Household moved here from two or more units ..	70.6	26.8	43.8	6.5	.8	1.0	2.7	1.7	.6	.4	33.9	1.5	19.5	9.2	18.9
No previous householder moved here	15.0	2.9	12.1	1.4	.3	.2	.1	.2	.1	-	7.4	.9	4.2	1.1	4.0
1 previous householder moved here	24.3	10.1	14.3	2.4	.3	.7	.8	1.0	-	-	11.9	.1	5.4	2.9	6.3
2 or more previous householders moved here ..	29.2	13.8	15.4	2.8	.1	.2	1.7	.3	.5	.4	13.3	.3	9.0	4.7	6.2
Previous householder(s) not reported	2.1	-	2.1	-	-	-	-	.2	-	-	1.3	.2	.9	.5	.5
Some already here, rest moved in	78.6	62.2	16.4	9.8	1.1	.1	4.1	1.3	.3	4.8	7.7	4.7	10.7	14.0	23.1
No previous householder moved here	17.2	13.0	4.2	.9	.5	-	.5	.5	.3	1.7	.8	1.0	3.3	2.4	4.1
1 or more previous householders moved here ..	55.3	44.1	11.2	9.0	.5	.1	2.5	.9	-	2.2	6.4	3.2	6.3	10.7	17.4
Previous householder(s) not reported	6.2	5.1	1.1	-	.2	-	1.1	-	-	.9	.5	.6	1.0	.9	1.6
Number of previous units not reported .....	.2	-	.2	-	-	-	-	-	-	-	.2	-	.2	-	-

¹See back cover for details.

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

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

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

Characteristics	Total occupied units	Tenure		Housing unit characteristics				Household characteristics					Selected subareas ¹		
		Owner	Renter	New construction 4 yrs	Mobile homes	Physical problems		Black	Hispanic	Elderly (65+)	Moved in past year	Below poverty level	Area one	Area two	Area three
						Severe	Moderate								
UNITS WHERE HOUSEHOLDER MOVED DURING PAST YEAR															
Total	183.2	57.1	126.1	26.9	3.6	.7	8.5	7.1	3.5	6.2	183.2	20.4	44.0	27.1	46.2
Location of Previous Unit															
Inside same (P)MSA	134.9	43.4	91.4	18.9	2.4	.7	6.3	5.7	2.4	5.8	134.9	14.6	33.9	21.3	32.2
In central city(s)	58.7	12.6	44.1	4.7	.8	.4	3.9	5.1	1.8	2.7	58.7	10.3	27.0	16.5	6.3
Not in central city(s)	78.1	30.8	47.4	14.1	1.8	.3	2.3	.7	.6	3.1	78.1	4.3	6.9	4.9	25.9
Inside different (P)MSA in same state	22.3	8.2	14.1	4.1	.6	-	1.2	1.0	.2	1.7	22.3	2.4	5.7	3.6	4.6
In central city(s)	10.7	4.2	6.5	1.3	-	-	.2	1.0	.2	.8	10.7	1.4	4.4	2.8	.9
Not in central city(s)	11.6	4.1	7.5	2.8	.6	-	1.0	-	-	.9	11.6	1.0	1.3	.8	3.7
Inside different (P)MSA in different state	13.6	3.7	10.0	2.7	.2	-	.1	.4	.9	.2	13.6	1.2	2.1	1.9	5.1
In central city(s)	5.7	1.0	4.8	1.1	-	-	-	.7	.7	-	5.7	.8	.8	1.1	2.9
Not in central city(s)	7.9	2.7	5.2	1.6	.2	-	.1	.4	.2	.2	7.9	.6	1.5	.8	2.2
Outside any metropolitan area	10.1	1.1	9.1	1.0	.3	-	1.0	-	-	.5	10.1	2.1	1.3	.3	3.7
Same state	6.0	.4	5.6	.7	-	-	.2	-	-	.5	6.0	1.9	.5	.2	2.6
Different state	4.1	.6	3.5	.4	.3	-	.8	-	-	-	4.1	.2	.9	.2	1.2
Different nation	2.2	.7	1.5	.2	-	-	-	-	-	-	2.2	-	.9	-	.8
Structure Type of Previous Residence															
Moved from within United States	180.9	56.4	124.5	26.7	3.6	.7	8.5	7.1	3.5	6.2	180.9	20.4	43.1	27.1	45.6
House	90.3	34.4	55.9	16.0	1.2	-	3.7	2.6	1.1	6.0	90.3	7.6	16.7	9.4	28.6
Apartment	79.5	18.2	61.3	9.8	1.9	.6	4.9	4.4	2.4	2.3	79.5	11.0	23.6	15.7	15.7
Mobile home	4.8	2.2	2.6	.4	.2	-	-	-	-	-	4.8	.9	1.0	.8	-
Other	6.3	1.6	4.7	.4	.3	.2	-	.2	-	-	6.3	.9	1.9	1.3	1.3
Tenure of Previous Residence															
House, apt., mobile home in United States	174.6	54.8	119.8	26.2	3.3	.6	8.5	7.0	3.5	6.2	174.6	19.4	41.2	25.9	44.3
Owner occupied	65.7	27.9	37.8	14.7	.4	-	1.4	1.0	1.1	5.8	65.7	5.8	8.3	6.2	21.7
Renter occupied	108.9	26.9	82.1	11.6	2.9	.6	7.1	6.0	2.4	2.4	108.9	13.7	32.8	19.7	22.6
Persons - Previous Residence															
House, apt., mobile home in United States	174.6	54.8	119.8	26.2	3.3	.6	8.5	7.0	3.5	6.2	174.6	19.4	41.2	25.9	44.3
1 person	24.6	5.7	18.9	3.2	-	.3	1.0	.8	.1	3.8	24.6	3.0	7.9	4.9	5.5
2 persons	53.2	17.0	36.1	10.1	1.5	.2	2.4	1.8	.6	3.5	53.2	4.0	13.1	6.3	15.4
3 persons	39.9	11.6	28.3	6.5	1.1	.2	3.2	1.3	.8	.4	39.9	4.3	9.8	6.2	7.1
4 persons	30.8	11.2	19.6	4.6	.5	-	.7	1.5	1.5	.1	30.8	3.4	4.5	4.2	9.5
5 persons	15.9	7.5	8.4	1.2	.2	-	.1	1.1	.2	-	15.9	1.8	2.9	3.2	4.2
6 persons	5.0	.7	4.3	.6	-	-	.6	.4	-	.2	5.0	1.6	1.5	.7	1.0
7 persons or more	2.5	.3	2.3	-	-	-	.5	-	-	-	2.5	1.0	.8	.3	.6
Not reported	2.7	.7	2.0	-	-	-	-	.2	.2	.2	2.7	.3	.6	-	1.0
Median	2.7	2.9	2.6	2.5	-	-	2.8	3.1	-	1.6	2.7	3.1	2.4	2.8	2.6
Previous Home Owned or Rented by Someone Who Moved Here															
House, apt., mobile home in United States	174.6	54.8	119.8	26.2	3.3	.6	8.5	7.0	3.5	6.2	174.6	19.4	41.2	25.9	44.3
Owned or rented by a mover	138.2	48.0	90.2	23.2	2.8	.6	7.3	5.5	3.1	7.5	138.2	14.0	32.2	21.7	33.0
Owned or rented by other	31.9	5.2	26.8	2.0	.5	-	.8	1.4	.4	.4	31.9	5.1	7.8	3.9	9.3
By a relative	25.1	4.6	20.6	2.0	.5	-	.8	1.1	.2	.4	25.1	4.6	6.2	3.5	6.2
By a nonrelative	5.9	.7	5.2	-	-	-	-	.3	.2	-	5.9	.5	1.4	.4	2.3
Not reported	.9	-	.9	-	-	-	-	-	-	-	.9	-	.2	-	.7
Not reported	4.8	1.6	3.0	1.0	-	-	.4	.2	-	.3	4.8	.4	1.1	.3	2.0
Change in Housing Costs															
House, apt., mobile home in United States	174.6	54.8	119.8	26.2	3.3	.6	8.5	7.0	3.5	6.2	174.6	19.4	41.2	25.9	44.3
Increased with move	112.1	41.9	70.2	18.8	1.9	.3	5.3	4.4	2.9	3.5	112.1	11.5	24.4	15.4	32.5
Stayed about the same	23.3	5.5	17.8	3.3	1.5	-	.9	1.0	.2	2.0	23.3	2.5	6.0	3.3	3.4
Decreased	36.2	6.8	29.4	4.1	-	.3	2.3	1.4	.4	2.3	36.2	4.8	10.1	7.2	7.6
Don't know	1.0	.4	.7	-	-	-	-	-	-	.2	1.0	.3	.1	-	.4
Not reported	2.0	.3	1.7	-	-	-	-	.2	-	.2	2.0	.2	.5	-	.5

¹See back cover for details.

Table 2-17. Rooms in Unit by Household and Unit Size, Income, and Costs - Occupied Units—
Con.

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

Characteristics	Occupied units											
	Total	Rooms					Bedrooms					
		1 and 2 rooms	3 and 4 rooms	5 and 6 rooms	7 rooms or more	Median	No rooms	1 room	2 rooms	3 rooms	4 rooms or more	Median
OWNER OCCUPIED UNITS												
Total	578.8	.6	60.5	220.3	297.3	6.5+	.6	20.1	161.6	251.9	144.6	2.9
Value												
Less than \$10,000.....	10.6	-	3.3	5.5	1.8	5.2	-	.3	4.4	5.3	.5	2.6
\$10,000 to \$19,999.....	12.9	-	2.0	6.7	4.2	5.8	-	.5	4.2	6.2	2.1	2.8
\$20,000 to \$29,999.....	7.6	-	2.3	4.6	.8	5.2	-	1.1	3.1	3.2	.3	2.4
\$30,000 to \$39,999.....	16.5	-	4.8	6.9	4.8	5.5	-	3.2	6.7	4.1	2.6	2.3
\$40,000 to \$49,999.....	25.6	.4	5.8	13.1	6.3	5.5	.4	3.8	12.2	6.0	3.3	2.2
\$50,000 to \$59,999.....	53.3	-	13.0	23.9	16.5	5.8	-	3.8	27.5	17.1	4.9	2.3
\$60,000 to \$69,999.....	97.3	.2	12.7	49.3	35.2	6.0	.2	2.9	33.3	47.7	13.4	2.8
\$70,000 to \$79,999.....	104.9	-	9.1	50.1	45.8	6.2	-	2.6	29.7	51.5	21.1	2.9
\$80,000 to \$99,999.....	122.2	-	4.8	42.6	74.7	6.5+	-	1.2	27.1	58.6	35.3	3.1
\$100,000 to \$119,999.....	46.9	-	1.8	9.5	35.6	6.5+	-	.2	5.3	22.8	18.6	3.3
\$120,000 to \$149,999.....	35.8	-	-	4.4	31.4	6.5+	-	-	4.4	13.8	17.7	3.5
\$150,000 to \$199,999.....	28.0	-	.6	2.4	24.9	6.5+	-	.3	2.9	10.1	14.7	3.5+
\$200,000 to \$249,999.....	6.8	-	.3	.9	5.6	6.5+	-	.3	.6	2.0	4.0	3.5+
\$250,000 to \$299,999.....	3.3	-	-	-	3.3	...	-	-	-	1.4	1.9	...
\$300,000 or more.....	7.0	-	-	.4	6.6	6.5+	-	.2	.3	2.3	4.2	3.5+
Median	76 240	---	59 322	70 027	88 954	---	---	53 659	66 801	77 067	93 703	---

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

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

Characteristics	Size of occupied detached 1-family homes and mobile homes								Median
	Total	Less than 500 square feet	500 to 999 square feet	1000 to 1499 square feet	1500 to 1999 square feet	2000 to 2499 square feet	2500 square feet or more	Not reported	
OWNER OCCUPIED UNITS									
Total.....	511.6	.8	31.1	77.5	112.4	135.9	146.3	7.5	2 111
Value									
Less than \$10,000.....	10.3	-	7.5	.5	.2	.8	1.3	-	843
\$10,000 to \$19,999.....	11.9	-	5.8	2.2	-	1.7	2.5	-	1 086
\$20,000 to \$29,999.....	5.2	.3	1.8	2.1	.3	-	.3	.8	...
\$30,000 to \$39,999.....	10.0	-	1.5	1.8	2.7	2.2	1.7	-	1 808
\$40,000 to \$49,999.....	21.0	.2	2.0	4.0	8.8	2.4	5.1	.5	1 800
\$50,000 to \$59,999.....	40.3	.3	3.1	8.6	13.3	8.4	5.7	.9	1 791
\$60,000 to \$69,999.....	84.8	-	4.9	17.1	27.0	20.8	13.6	1.8	1 883
\$70,000 to \$79,999.....	94.3	-	3.3	17.5	27.5	27.6	16.7	1.7	1 984
\$80,000 to \$99,999.....	115.0	-	1.5	17.9	22.8	44.2	27.1	1.4	2 185
\$100,000 to \$119,999.....	44.6	-	.1	3.6	6.0	15.8	18.5	.4	2 387
\$120,000 to \$149,999.....	32.5	-	-	1.2	3.6	6.6	21.1	-	2500+
\$150,000 to \$199,999.....	26.6	-	-	1.1	1.7	5.0	18.5	.3	2500+
\$200,000 to \$249,999.....	6.0	-	-	-	.8	-	5.4	-	2500+
\$250,000 to \$299,999.....	3.0	-	-	-	-	-	3.0	-	...
\$300,000 or more.....	6.2	-	-	-	-	.5	5.7	-	2500+
Median.....	77 678	-	36 253	71 477	72 166	81 884	99 340	70 787	...

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

[Numbers in thousands. ... 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
RENTER OCCUPIED UNITS														
Total	277.0	1.7	29.7	54.2	43.6	41.0	61.8	27.3	13.2	2.9	1.1	.4	-	16 133
Rent Reductions														
No subsidy or income reporting	230.9	1.7	17.9	33.7	34.9	39.1	59.5	26.9	12.8	2.8	1.1	.4	-	18 479
Rent control	3.7	-	-	.9	.4	1.1	.7	.5	-	-	-	-	-	...
No rent control	227.0	1.7	17.9	32.8	34.5	38.0	58.8	26.4	12.8	2.8	1.1	.4	-	18 526
Reduced by owner	17.0	.3	2.8	3.9	2.0	1.7	3.9	1.6	.8	.2	-	-	-	13 820
Not reduced by owner	209.7	1.4	15.2	28.7	32.3	36.3	54.8	24.8	12.1	2.6	1.1	.4	-	18 755
Owner reduction not reported .....	.3	-	-	-	.2	-	.2	-	-	-	-	-	-	...
Rent control not reported .....	.2	-	-	.2	-	-	-	-	-	-	-	-	-	...
Owned by public housing authority	17.1	-	5.2	7.9	2.8	.5	.5	-	.2	-	-	-	-	7 161
Other, Federal subsidy	17.9	-	4.9	8.3	3.7	1.0	-	-	-	-	-	-	-	7 423
Other, State or local subsidy	4.2	-	.9	2.9	.3	-	-	-	.2	-	-	-	-	...
Other, income verification	4.9	-	.7	1.5	1.5	.3	.9	-	-	-	-	-	-	...
Subsidy or income verification not reported	2.0	-	.2	-	.3	-	1.0	.4	-	.2	-	-	-	...

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

Table 2-21. Housing Costs by Selected Characteristics - Occupied Units - Con.

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

Characteristics	Total	Less than \$100	\$100 to \$199	\$200 to \$299	\$300 to \$399	\$400 to \$499	\$500 to \$599	\$600 to \$699	\$700 to \$799	\$800 to \$999	\$1,000 to \$1,499	\$1,500 or more	No cash rent	Mortgage payment not reported	Median excluding no cash rent
RENTER OCCUPIED UNITS															
Total.....	277.0	6.2	27.3	31.7	62.2	65.3	37.0	21.4	9.4	7.0	.9	.2	8.2	-	411
Rent Reductions															
No subsidy or income reporting.....	230.8	.8	8.4	22.6	56.8	61.2	36.2	21.0	8.7	6.7	.7	.2	7.7	...	438
Rent control.....	3.7	-	-	.2	1.0	1.2	.9	.2	.3	-	-	-	-	...	...
No rent control.....	227.0	.8	8.4	22.4	55.8	60.0	35.1	20.8	8.4	6.7	.7	.2	7.7	...	437
Reduced by owner.....	17.0	.2	2.9	1.1	2.1	2.4	1.1	.7	.3	.9	-	-	5.3	...	380
Not reduced by owner.....	209.7	.6	5.5	21.3	53.8	57.5	34.0	20.1	8.0	5.7	.7	.2	2.4	...	439
Owner reduction not reported.....	.3	-	-	-	.2	.2	-	-	-	-	-	-	-	...	...
Rent control not reported.....	.2	-	-	-	-	-	.2	-	-	-	-	-	-	...	...
Owned by public housing authority.....	17.1	3.8	7.9	3.7	1.0	.6	-	.2	-	-	-	-	-	...	163
Other, Federal subsidy.....	17.9	1.3	9.2	3.2	2.1	1.3	.2	-	-	-	.2	-	.3	...	181
Other, State or local subsidy.....	4.2	.3	1.0	.8	.6	.9	.2	-	.4	-	-	-	-	...	...
Other, income verification.....	4.9	.2	.8	1.0	1.5	.8	.5	-	-	-	-	-	-	...	...
Subsidy or income verification not reported.....	2.0	-	-	.3	.2	.5	-	.2	.4	.4	-	-	-	...	...

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

Table 3-1. Introductory Characteristics - Owner Occupied Units

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

Characteristics	Total occupied units	Housing unit characteristics				Household characteristics					Selected subareas ¹		
		New construction 4 yrs	Mobile homes	Physical problems		Black	Hispanic	Elderly (65+)	Moved in past year	Below poverty level	Area one	Area two	Area three
				Severe	Moderate								
Total -----	578.8	48.9	16.7	1.0	10.9	7.1	3.2	98.9	57.1	20.2	79.6	61.9	170.9
Tenure													
Owner occupied-----	578.8	48.9	16.7	1.0	10.9	7.1	3.2	98.9	57.1	20.2	79.6	61.9	170.9
Percent of all occupied-----	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Renter occupied-----	---	---	---	---	---	---	---	---	---	---	---	---	---
Race and Origin													
White-----	567.5	46.2	16.4	.9	10.9	-	2.6	97.7	55.3	18.8	74.5	60.4	168.4
Non-Hispanic-----	564.9	46.0	16.4	.9	10.7	-	-	96.8	55.1	18.5	74.2	59.8	167.5
Hispanic-----	2.6	.2	-	-	.3	-	2.6	.9	.2	.3	.3	.6	.8
Black-----	7.1	.2	-	.2	-	7.1	.4	1.2	.9	1.4	4.4	1.2	1.0
Other-----	4.2	.5	.3	-	-	-	.2	-	1.0	-	.6	.3	1.5
Total Hispanic-----	3.2	.4	-	-	.3	.4	3.2	1.2	.4	.3	.7	.6	1.0
Units in Structure													
1, detached-----	494.9	29.7	---	.7	9.5	5.2	2.9	85.5	41.8	16.6	66.6	51.3	148.8
1, attached-----	31.4	11.6	---	---	.5	.3	.2	3.4	5.9	.2	2.0	2.3	13.2
2 to 4-----	19.2	.6	---	---	.5	.9	.2	5.0	2.0	1.2	7.8	7.1	1.7
5 to 9-----	1.2	---	---	---	---	---	---	---	.1	---	.1	.3	.5
10 to 19-----	3.1	.4	---	.2	---	.2	---	.3	.4	.7	.2	.2	1.8
20 to 49-----	4.5	---	---	.2	.3	.5	---	.5	1.2	.3	1.1	.3	.9
50 or more-----	7.7	3.5	---	---	---	---	---	2.3	2.3	---	1.7	.4	3.9
Mobile home or trailer-----	16.7	1.1	16.7	---	.1	---	---	1.8	3.4	1.2	---	---	.3
Cooperatives and Condominiums													
Cooperatives-----	2.8	1.1	---	---	---	---	---	1.4	1.1	---	.9	---	1.0
Condominiums-----	27.4	5.7	---	---	.8	.8	.2	3.8	5.2	.9	3.8	3.8	11.7
Year Structure Built²													
1990 to 1994-----	---	---	---	---	---	---	---	---	---	---	---	---	---
1985 to 1989-----	7.6	7.6	.2	---	---	---	.2	1.2	7.6	---	.8	.8	2.1
1980 to 1984-----	55.4	39.3	1.6	---	.4	.5	.2	3.0	10.6	.5	.8	---	16.6
1975 to 1979-----	66.5	---	6.7	.2	.7	.9	---	2.9	6.1	2.0	1.2	1.2	22.4
1970 to 1974-----	56.0	---	5.4	---	.6	.7	.3	3.1	3.4	1.8	2.3	1.5	14.0
1960 to 1969-----	101.2	---	2.8	.2	1.8	1.8	.8	12.2	7.1	2.5	4.0	4.5	36.1
1950 to 1959-----	107.5	---	.3	---	.6	---	.8	24.4	5.6	3.4	9.0	10.3	50.9
1940 to 1949-----	44.1	---	---	.4	.9	---	---	18.2	3.7	2.1	9.3	6.4	14.3
1930 to 1939-----	30.4	---	---	---	.3	1.7	.3	7.8	1.1	1.6	11.1	5.5	6.8
1920 to 1929-----	42.8	---	---	.2	.8	1.2	.9	12.6	2.7	1.2	19.1	13.7	3.7
1919 or earlier-----	67.2	---	---	.2	4.7	.7	.2	13.4	7.2	5.1	22.3	17.9	3.9
Median-----	1960	---	1975	---	1929	1960	---	1949	1972	1950	1929	1930	1962
Statistical Areas													
Current units, in 1970 boundaries of MSA-----	510.2	42.0	9.2	1.0	9.4	6.8	3.2	88.4	51.4	14.9	79.6	61.9	170.9
1970 central city(s)-----	141.4	2.1	---	.9	4.7	5.6	1.3	38.0	13.1	6.2	79.6	61.9	---
1970 balance of MSA-----	368.7	39.9	9.2	.2	4.7	1.2	1.9	50.3	38.3	8.7	---	---	170.9
Current units, in 1983 boundaries of MSA-----	577.1	48.5	16.7	1.0	10.9	7.1	3.2	98.1	56.9	20.2	79.6	61.9	170.9
1983 central city(s)-----	141.4	2.1	---	.9	4.7	5.6	1.3	38.0	13.1	6.2	79.6	61.9	---
1983 balance of MSA-----	435.7	44.4	16.7	.2	6.2	1.5	1.9	60.1	43.8	14.0	---	---	170.9

¹See back cover for details.

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

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

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

Characteristics	Total occupied units	Housing unit characteristics				Household characteristics					Selected subareas ¹		
		New construction 4 yrs	Mobile homes	Physical problems		Black	Hispanic	Elderly (65+)	Moved in past year	Below poverty level	Area one	Area two	Area three
				Severe	Mod-erate								
Own Never Married Children Under 18 Years Old													
No own children under 18 years	347.2	24.5	9.6	.7	4.3	3.7	2.4	98.3	30.9	13.6	60.3	39.8	101.1
With own children under 18 years	231.5	22.4	7.1	.3	6.6	3.4	.8	.5	26.2	6.6	19.3	22.1	69.8
Under 6 years only	51.9	10.4	2.4	.2	2.2	.2	.2	-	11.2	.8	4.3	7.6	14.7
1	27.7	5.5	1.7	-	.8	-	.2	-	6.2	-	1.8	3.2	8.2
2	19.4	3.7	.8	.2	1.1	.2	-	-	4.0	.8	2.3	3.2	5.5
3 or more	4.8	1.2	-	-	.3	-	-	-	1.1	-	.3	1.2	1.0
6 to 17 years only	131.4	6.2	2.9	.2	3.3	2.2	.6	.5	9.3	4.4	11.6	9.5	43.0
1	58.8	3.5	1.4	.2	1.9	1.3	.6	.5	3.5	1.1	5.6	3.7	21.1
2	49.0	1.6	1.0	-	1.2	.6	-	-	3.5	1.2	4.1	3.7	14.6
3 or more	23.6	1.1	.5	-	.3	.3	-	-	2.3	2.2	1.9	2.1	7.3
Both age groups	48.2	5.8	1.8	-	1.1	1.1	-	-	5.8	1.5	3.3	5.0	12.2
2	23.7	3.7	1.0	-	.4	.5	-	-	3.7	.4	1.5	2.2	6.5
3 or more	24.5	2.2	.7	-	.7	.6	-	-	2.0	1.1	1.8	2.8	5.7
Persons Other Than Spouse or Children²													
With other relatives	135.4	3.4	2.3	.3	1.7	2.1	2.0	17.9	6.7	4.0	14.2	13.1	45.7
Single adult offspring 18 to 29	89.9	2.1	1.3	.2	1.4	1.6	1.4	4.7	3.4	2.6	8.2	9.5	35.5
Single adult offspring 30 years of age or over	13.0	.2	-	-	-	-	.3	6.1	.2	.6	3.6	2.5	3.1
Households with three generations	6.9	-	-	-	-	-	.3	.3	.3	.7	.6	1.0	2.4
Households with 1 subfamily	7.1	.3	.3	-	-	-	.3	.6	1.0	.4	.3	.7	2.1
Subfamily householder age under 30	4.4	-	-	-	-	-	.3	.3	.3	.4	-	.7	1.5
30 to 64	1.8	.3	.3	-	-	-	.3	.3	1.0	-	.3	-	.3
65 and over	.9	-	-	-	-	-	-	-	-	-	-	-	.3
Households with 2 or more subfamilies	-	-	-	-	-	-	-	-	-	-	-	-	.3
Households with other types of relatives	26.0	.8	.6	.2	.3	.7	.2	5.5	2.4	1.3	3.8	2.3	6.1
With non-relatives	24.5	1.6	.9	.4	.6	.4	-	.5	3.2	.4	7.0	2.4	4.5
Co-owners or co-renters	5.3	1.0	.4	.4	.3	-	-	-	1.6	-	.6	.5	1.3
Lodgers	8.9	.4	.1	-	.3	-	-	.1	.7	-	3.4	1.2	1.4
Unrelated children, under 18 years old	2.8	-	-	-	-	-	-	.1	.5	.3	.2	.1	.9
Other non-relatives	10.2	.2	.9	-	-	.4	-	.3	.9	.2	3.3	.7	1.9
One or more secondary families	1.4	-	-	-	-	-	-	.1	.3	-	.2	.1	.3
2-person households, none related to each other	12.6	1.1	.4	.4	-	-	-	-	2.1	.2	3.6	1.1	2.7
3-8 person households, none related to each other	3.4	-	.1	-	.3	-	-	-	.1	-	1.5	.6	.3
Years of School Completed by Householder													
No school years completed	.2	-	.2	-	-	-	-	-	-	-	-	-	-
Elementary:													
less than 8 years	8.8	-	-	-	-	-	.3	4.8	-	1.7	1.2	2.3	1.3
8 years	36.0	1.6	1.7	-	.3	1.2	-	24.0	1.0	3.4	6.2	3.2	6.7
High School:													
1 to 3 years	43.9	1.8	1.8	.2	.6	1.0	.9	16.1	3.5	4.2	8.6	5.6	8.0
4 years	227.9	16.8	10.5	.2	5.4	1.5	1.0	33.0	20.0	7.4	24.2	27.3	61.0
College:													
1 to 3 years	92.5	9.0	2.4	.2	1.8	1.4	.3	8.4	10.5	2.7	12.5	7.7	32.0
4 years or more	169.6	17.7	.2	.5	3.0	2.0	.7	12.6	22.2	.8	26.9	15.6	61.9
Median	12.9	14.1	12.5	-	12.9	12.9	-	12.1	14.4	12.1	13.0	12.7	13.9
Year Householder Moved Into Unit													
1990 to 1994	-	-	-	-	-	-	-	-	-	-	-	-	-
1985 to 1989	34.3	10.0	2.6	-	1.1	.7	.2	2.0	34.3	.5	3.7	3.9	8.3
1980 to 1984	163.7	37.0	7.9	1.0	4.4	1.6	.4	5.7	22.6	3.8	17.1	15.6	46.2
1975 to 1979	128.6	-	3.8	-	4.0	.9	-	7.6	-	3.6	15.8	11.8	36.6
1970 to 1974	71.3	-	1.2	-	.3	1.2	1.2	9.2	-	2.1	10.2	6.6	22.5
1960 to 1969	83.9	-	1.2	-	.9	2.7	1.4	24.4	-	5.9	13.1	11.2	33.1
1950 to 1959	59.7	-	-	-	-	-	-	26.8	-	2.1	10.5	7.6	20.5
1940 to 1949	17.8	-	-	-	.3	-	-	15.1	-	1.6	6.6	3.5	2.5
1939 or earlier	9.4	-	-	-	-	-	-	8.0	-	.7	2.5	1.7	1.2
Median	1976	-	1981	-	1980	1973	-	1960	-	1970	1973	1975	1976
Household Moves and Formation in Last Year													
Total with a move in last year	76.6	17.7	3.8	.3	2.1	1.2	.7	5.2	57.1	.8	11.1	9.2	20.6
Household all moved here from one unit	46.2	13.8	3.1	.2	1.5	.9	.4	3.3	46.2	.6	5.0	5.9	13.6
Householder of previous unit did not move here	5.9	1.0	.8	.2	-	-	-	-	5.9	-	.5	1.4	1.0
Householder of previous unit moved here	38.9	11.7	2.3	-	1.5	.9	.4	3.3	38.9	.6	4.5	4.5	12.0
Householder of previous unit not reported	1.3	1.0	-	-	-	-	-	-	1.3	-	-	-	.7
Household moved here from two or more units	5.7	1.3	.3	-	-	-	-	-	5.7	.2	.8	.7	.8
No previous householder moved here	.5	.2	-	-	-	-	-	-	.5	-	-	-	-
1 previous householder moved here	1.4	.2	-	-	-	-	-	-	1.4	-	.2	-	-
2 or more previous householders moved here	3.8	.9	.3	-	-	-	-	-	3.8	.2	.6	.7	.8
Previous householder(s) not reported	-	-	-	-	-	-	-	-	-	-	-	-	-
Some already here, rest moved in	24.7	2.7	.5	.2	.6	.4	.3	1.9	5.2	-	5.3	2.5	6.2
No previous householder moved here	8.0	.4	-	-	-	.4	.3	1.2	.3	-	2.5	.7	1.4
1 or more previous householders moved here	14.7	2.3	.5	.2	.3	-	.3	4.9	.3	-	2.3	1.2	3.8
Previous householder(s) not reported	2.0	-	-	-	.3	-	-	.3	-	-	.4	.6	1.0
Number of previous units not reported	-	-	-	-	-	-	-	-	-	-	-	-	-

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

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

Characteristics	Total occupied units	Housing unit characteristics				Household characteristics					Selected subareas ¹		
		New construction 4 yrs	Mobile homes	Physical problems		Black	Hispanic	Elderly (65+)	Moved in past year	Below poverty level	Area one	Area two	Area three
				Severe	Moderate								
Household Moves and Formation After 1979													
Total with a move after 1979	227.7	46.9	11.0	1.0	5.8	2.3	.9	12.1	57.1	5.1	26.5	22.9	63.6
Household all moved here from one unit	138.7	34.2	9.1	.5	3.4	1.7	.6	7.6	46.4	3.2	14.0	10.6	38.8
Householder of previous unit did not move here	16.6	2.7	1.6	.2	.9	-	-	.2	5.9	-	2.8	1.5	3.9
Householder of previous unit moved here	113.9	29.3	7.4	.3	2.4	1.7	.8	6.7	39.1	2.5	11.0	8.6	32.3
Householder of previous unit not reported	8.0	2.2	.2	-	.2	-	-	.7	1.3	.7	.2	.5	2.6
Household moved here from two or more units	26.8	3.8	.8	.5	.3	.4	-	-	6.8	.2	5.1	2.9	5.5
No previous householder moved here	2.9	.5	.3	-	-	-	-	-	.8	-	-	-	.8
1 previous householder moved here	10.1	1.6	.3	.5	-	.4	-	-	2.7	-	1.6	1.0	2.3
2 or more previous householders moved here	13.8	1.7	.1	-	.3	-	-	-	3.3	.2	3.5	1.9	2.6
Previous householder(s) not reported	-	-	-	-	-	-	-	-	-	-	-	-	-
Some already here, rest moved in	62.2	8.9	1.1	-	2.1	.2	.3	4.5	3.9	1.8	7.4	9.5	19.3
No previous householder moved here	13.0	.8	.5	-	.3	-	.3	1.5	-	-	2.8	.7	3.0
1 or more previous householders moved here	44.1	8.0	.5	-	1.4	.2	-	2.1	3.9	1.2	4.5	7.9	14.9
Previous householder(s) not reported	5.1	-	.2	-	.3	-	-	.9	-	.6	.3	.9	1.5
Number of previous units not reported	-	-	-	-	-	-	-	-	-	-	-	-	-

¹See back cover for details.

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

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

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

Characteristics	Total occupied units	Housing unit characteristics				Household characteristics					Selected subareas ¹		
		New construction 4 yrs	Mobile homes	Physical problems		Black	Hispanic	Elderly (65+)	Moved in past year	Below poverty level	Area one	Area two	Area three
				Severe	Moderate								
UNITS WHERE HOUSEHOLDER MOVED DURING PAST YEAR													
Total.....	57.1	17.0	3.4	.3	1.8	.9	.4	3.3	57.1	.8	6.1	7.0	16.6
Location of Previous Unit													
Inside same (P)MSA.....	43.4	12.3	2.2	.3	1.8	.5	.2	1.7	43.4	.3	4.9	5.2	12.5
In central city(s).....	12.6	3.2	.6	.2	.8	.3	.2	.8	12.6	.2	4.3	3.8	2.2
Not in central city(s).....	30.8	9.1	1.6	.2	1.0	.2	-	.9	30.8	.2	.6	1.4	10.3
Inside different (P)MSA in same state.....	8.2	3.2	.6	-	-	.3	-	1.3	8.2	.3	.7	1.5	2.2
In central city(s).....	4.2	1.3	-	-	-	.3	-	.8	4.2	-	.7	1.1	.4
Not in central city(s).....	4.1	1.8	.6	-	-	-	-	.4	4.1	.3	-	.3	1.7
Inside different (P)MSA in different state.....	3.7	1.3	.2	-	-	-	.2	.2	3.7	-	.4	.3	1.5
In central city(s).....	1.0	.2	-	-	-	-	.2	-	1.0	-	-	-	.7
Not in central city(s).....	2.7	1.1	.2	-	-	-	-	.2	2.7	-	.4	.3	.8
Outside any metropolitan area.....	1.1	-	.3	-	-	-	-	.2	1.1	.2	-	-	.3
Same state.....	.4	-	-	-	-	-	-	.2	.4	.2	-	-	-
Different state.....	.6	-	.3	-	-	-	-	-	.6	-	-	-	.3
Different nation.....	.7	.2	-	-	-	-	-	-	.7	-	.1	-	.2
Structure Type of Previous Residence													
Moved from within United States.....	56.4	16.8	3.4	.3	1.8	.9	.4	3.3	56.4	.8	6.0	7.0	16.4
House.....	34.4	11.3	1.2	-	1.0	.9	.4	3.2	34.4	.3	3.1	3.9	10.9
Apartment.....	18.2	4.7	1.7	.2	.8	-	-	.2	18.2	.4	2.5	2.2	5.1
Mobile home.....	2.2	.4	.2	-	-	-	-	-	2.2	-	.3	.5	.4
Other.....	1.6	.4	.3	.2	-	-	-	-	1.6	-	-	.3	-
Tenure of Previous Residence													
House, apt., mobile home in United States.....	54.8	16.4	3.1	.2	1.8	.9	.4	3.3	54.8	.8	6.0	6.6	16.0
Owner occupied.....	27.9	10.3	.4	-	.4	.5	.4	3.2	27.9	.3	2.3	3.2	7.9
Renter occupied.....	26.9	6.1	2.7	.2	1.4	.3	-	.2	26.9	.4	3.7	3.4	8.1
Persons - Previous Residence													
House, apt., mobile home in United States.....	54.8	16.4	3.1	.2	1.8	.9	.4	3.3	54.8	.8	6.0	6.6	16.0
1 person.....	5.7	1.6	-	-	-	-	-	.8	5.7	-	1.4	.7	2.1
2 persons.....	17.0	6.3	1.5	.2	.7	-	-	2.3	17.0	.2	1.2	1.7	5.9
3 persons.....	11.6	3.4	1.1	-	1.1	-	.2	.2	11.6	.3	1.4	1.2	2.6
4 persons.....	11.2	3.8	.3	-	-	.5	-	-	11.2	.2	1.3	1.1	2.9
5 persons.....	7.5	1.2	.2	-	-	.3	.2	-	7.5	.2	.7	1.9	1.8
6 persons.....	.7	-	-	-	-	-	-	-	.7	-	-	-	.7
7 persons or more.....	.3	-	-	-	-	-	-	-	.3	-	-	-	.3
Not reported.....	.7	-	-	-	-	-	-	-	.7	-	-	-	.5
Median.....	2.9	2.6	-	-	-	-	-	-	2.9	-	2.8	3.2	2.5
Previous Home Owned or Rented by Someone Who Moved Here													
House, apt., mobile home in United States.....	54.8	16.4	3.1	.2	1.8	.9	.4	3.3	54.8	.8	6.0	6.6	16.0
Owned or rented by a mover.....	48.0	14.7	2.6	.2	1.8	.9	.4	3.3	48.0	.8	5.6	5.5	15.0
Owned or rented by other.....	5.2	.8	.5	-	-	-	-	-	5.2	-	.3	1.1	.4
By a relative.....	4.6	.8	.5	-	-	-	-	-	4.6	-	.3	1.1	.4
By a nonrelative.....	.7	-	-	-	-	-	-	-	.7	-	-	-	-
Not reported.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Not reported.....	1.6	1.0	-	-	-	-	-	-	1.6	-	-	-	.7
Change in Housing Costs													
House, apt., mobile home in United States.....	54.8	16.4	3.1	.2	1.8	.9	.4	3.3	54.8	.8	6.0	6.6	16.0
Increased with move.....	41.9	13.1	1.9	.2	1.2	.5	.4	.8	41.9	.4	4.0	4.8	14.2
Stayed about the same.....	5.5	1.6	1.3	-	-	-	-	.9	5.5	-	.8	.5	.2
Decreased.....	6.8	1.7	-	-	.6	.3	-	1.6	6.8	.3	1.1	1.4	1.6
Don't know.....	.4	-	-	-	-	-	-	-	.4	-	-	-	-
Not reported.....	.3	-	-	-	-	-	-	-	.3	-	-	-	-

¹See back cover for details.

Table 3-12. Income Characteristics - Owner Occupied Units

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

Characteristics	Total occupied units	Housing unit characteristics				Household characteristics					Selected subareas ¹		
		New construction 4 yrs	Mobile homes	Physical problems		Black	Hispanic	Elderly (65+)	Moved in past year	Below poverty level	Area one	Area two	Area three
				Severe	Moderate								
Total	578.8	46.9	16.7	1.0	10.9	7.1	3.2	98.9	57.1	20.2	79.6	61.9	170.9
Household Income													
Less than \$5,000	9.3	.2	-	-	.3	.9	-	4.7	.3	9.3	2.4	.4	1.7
\$5,000 to \$9,999	32.3	-	2.6	.3	1.0	.7	.8	21.6	1.4	8.9	8.2	7.1	4.7
\$10,000 to \$14,999	35.9	2.0	1.9	.2	.5	.7	.3	18.6	4.2	1.7	10.1	5.5	6.2
\$15,000 to \$19,999	41.3	1.7	1.2	-	1.6	.8	-	15.4	3.0	.3	5.9	7.9	13.0
\$20,000 to \$24,999	53.6	3.9	3.9	-	1.1	.3	-	13.2	5.4	-	7.2	5.8	12.8
\$25,000 to \$29,999	56.2	4.5	2.8	-	1.6	-	.8	7.9	6.3	-	7.0	6.7	16.4
\$30,000 to \$34,999	52.1	5.3	1.7	-	.8	.7	.3	4.7	7.2	-	6.1	4.8	14.0
\$35,000 to \$39,999	58.1	7.3	1.4	-	1.6	.9	-	4.5	6.5	-	6.7	7.6	15.2
\$40,000 to \$49,999	86.2	8.0	.9	-	1.4	.8	-	2.2	10.0	-	6.7	4.8	29.8
\$50,000 to \$59,999	52.7	5.7	.3	-	.4	.7	.8	1.5	4.6	-	6.0	2.9	18.5
\$60,000 to \$79,999	54.0	4.2	-	-	.2	.6	.3	1.5	4.5	-	6.2	4.6	21.1
\$80,000 to \$99,999	21.5	1.0	-	-	-	-	.4	.9	1.1	-	2.1	1.1	8.1
\$100,000 to \$119,999	12.7	1.0	-	-	-	-	.2	.4	1.1	-	2.1	1.4	5.1
\$120,000 or more	12.9	2.1	-	-	-	-	.2	.8	1.1	-	1.2	1.1	6.2
Median	35 747	39 038	23 354	-	28 232	31 456	-	16 482	35 588	5 433	29 275	28 064	40 480
As percent of poverty level:													
Less than 50 percent	4.7	.2	.3	-	-	.3	-	1.6	.2	4.7	.8	.4	.8
50 to 99	15.5	.2	.9	.3	1.0	1.1	.3	6.2	.6	15.5	1.9	3.1	2.3
100 to 149	24.1	.8	1.2	.6	.6	.6	.6	13.6	2.3	-	6.8	4.1	3.7
150 to 199	39.0	.9	2.0	.2	.2	.9	-	14.3	2.0	-	8.3	6.0	6.6
200 percent or more	495.5	45.0	12.2	.5	9.2	4.2	2.3	63.2	52.1	-	61.7	48.3	155.5
Income of Families and Primary Individuals													
Less than \$5,000	10.6	.6	-	-	.3	.9	-	4.7	.6	9.5	2.7	.6	1.7
\$5,000 to \$9,999	32.8	-	2.6	.3	1.0	.7	.8	21.6	1.4	8.8	8.7	7.0	4.7
\$10,000 to \$14,999	37.2	1.8	2.2	.2	.5	.7	.3	18.9	4.1	1.7	11.3	5.5	6.5
\$15,000 to \$19,999	43.5	2.1	1.4	-	1.6	1.1	-	15.4	4.0	.3	6.0	8.2	13.2
\$20,000 to \$24,999	56.0	4.1	4.1	.4	1.1	.3	.8	13.2	5.4	-	7.6	6.2	13.5
\$25,000 to \$29,999	57.3	4.3	2.8	-	1.9	.9	.3	7.9	6.4	-	7.4	6.9	16.6
\$30,000 to \$34,999	52.3	5.3	1.4	-	.9	.7	.3	4.4	7.3	-	6.1	5.2	14.5
\$35,000 to \$39,999	57.5	7.1	1.1	-	1.6	.9	-	4.5	6.3	-	6.7	7.6	14.9
\$40,000 to \$49,999	93.1	7.8	.9	-	1.1	.4	-	2.2	9.6	-	5.1	4.7	29.0
\$50,000 to \$59,999	50.9	5.7	.3	-	.3	.6	.3	2.0	4.1	-	6.1	2.5	15.6
\$60,000 to \$79,999	51.1	4.0	-	.2	.6	.3	-	1.5	4.3	-	4.9	4.3	20.9
\$80,000 to \$99,999	21.6	1.0	-	-	-	.4	.2	.4	1.5	-	4.4	.8	6.1
\$100,000 to \$119,999	12.0	1.0	-	-	-	-	.2	.9	1.1	-	1.4	1.4	5.1
\$120,000 or more	12.9	2.1	-	-	-	-	.3	1.2	1.1	-	1.2	1.1	6.2
Median	34 969	38 726	22 676	-	27 690	22 060	-	16 377	34 567	5 353	27 337	27 521	39 843
Income Sources of Families and Primary Individuals													
Wages and salaries	484.6	42.9	14.5	.9	10.1	5.7	3.0	29.7	52.8	7.3	56.7	47.6	147.0
Wages and salaries were majority of income 2 or more people each earned over 20% of wages and salaries	433.4	41.2	14.0	.9	9.0	5.3	1.6	10.7	50.2	4.7	47.8	40.9	131.7
Business, farm, or ranch	186.0	22.0	6.0	.2	2.9	2.4	.8	4.5	20.9	1.2	15.9	15.2	56.0
Social security or pensions	95.0	6.7	1.3	-	1.7	.6	-	8.4	7.9	3.9	13.2	7.5	26.4
Interest or dividend(s)	144.4	4.5	2.3	-	1.1	1.2	1.5	95.4	7.0	10.3	29.3	22.6	38.7
Rental income	211.5	12.0	1.3	-	1.3	1.2	1.3	59.2	10.9	5.3	31.8	21.6	70.2
Rental income With lodger(s)	77.0	4.9	.4	.2	1.7	1.1	.5	11.9	8.4	1.6	15.9	10.2	18.6
With lodger(s)	8.9	.4	.1	-	.3	-	-	.1	.7	-	3.4	1.2	1.4
Welfare or SSI	7.9	.6	.3	.3	.4	.5	-	1.7	.3	2.6	1.0	1.3	1.8
Alimony or child support	24.3	1.1	1.2	.2	.9	.3	-	1.2	2.1	1.4	2.9	2.5	8.7
Other	55.7	2.4	1.3	.2	1.4	.3	-	2.1	4.4	1.2	8.1	4.7	13.2
Amount of Savings and Investments													
Income of \$20,000 or less	130.4	5.3	6.4	.5	3.4	3.4	1.1	62.6	10.6	20.2	30.2	21.5	28.4
No savings or investments	30.2	1.2	3.7	.3	1.6	2.2	.3	10.2	2.1	7.6	5.5	6.6	4.2
\$20,000 or less	60.4	1.4	2.1	.2	1.4	.9	.3	29.1	6.3	7.8	15.1	6.2	14.1
More than \$20,000	29.3	1.1	.5	-	.4	-	.3	19.4	1.2	2.5	7.5	4.2	6.6
Not reported	10.4	1.6	-	-	-	.3	.2	3.9	1.0	2.3	2.1	.6	3.5
Food Stamps													
Income of \$20,000 or less	130.4	5.3	6.4	.5	3.4	3.4	1.1	62.6	10.6	20.2	30.2	21.5	28.4
Family members received food stamps	5.9	-	1.0	.2	.4	.5	-	.9	.3	3.6	.5	1.7	.3
Did not receive food stamps	120.1	4.4	5.3	.3	3.0	3.0	1.1	60.9	10.1	16.6	29.3	19.8	27.3
Not reported	4.4	.9	-	-	-	-	-	.8	.2	.8	.5	-	.8

¹See back cover for details.

Table 3-17. Rooms in Unit by Household and Unit Size, Income, and Costs - Owner Occupied Units—Con.

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

Characteristics	Occupied units											
	Total	Rooms					Bedrooms					
		1 and 2 rooms	3 and 4 rooms	5 and 6 rooms	7 rooms or more	Median	No rooms	1 room	2 rooms	3 rooms	4 rooms or more	Median
Value												
Less than \$10,000	10.6	-	3.3	5.5	1.8	5.2	-	.3	4.4	5.3	.5	2.6
\$10,000 to \$19,999	12.9	-	2.0	6.7	4.2	5.8	-	.5	4.2	6.2	2.1	2.8
\$20,000 to \$29,999	7.6	-	2.3	4.6	.8	5.2	-	1.1	3.1	3.2	.3	2.4
\$30,000 to \$39,999	16.5	-	4.8	6.9	4.8	5.5	-	3.2	6.7	4.1	2.6	2.3
\$40,000 to \$49,999	25.6	.4	5.8	13.1	6.3	5.5	.4	3.6	12.2	6.0	3.3	2.2
\$50,000 to \$59,999	53.3	-	13.0	23.9	16.5	5.8	-	3.8	27.5	17.1	4.9	2.3
\$60,000 to \$69,999	97.3	.2	12.7	49.3	35.2	6.0	.2	2.9	33.3	47.7	13.4	2.8
\$70,000 to \$79,999	104.9	-	9.1	50.1	45.8	6.2	-	2.6	29.7	51.5	21.1	2.9
\$80,000 to \$89,999	122.2	-	4.8	42.6	74.7	6.5+	-	1.2	27.1	58.6	35.3	3.1
\$100,000 to \$119,999	46.9	-	1.8	9.5	35.6	6.5+	-	.2	5.3	22.8	18.6	3.3
\$120,000 to \$149,999	35.8	-	-	4.4	31.4	6.5+	-	-	4.4	13.8	17.7	3.5
\$150,000 to \$199,999	28.0	-	.6	2.4	24.9	6.5+	-	.3	2.9	10.1	14.7	3.5+
\$200,000 to \$249,999	6.8	-	.3	.9	5.6	6.5+	-	.3	.6	2.0	4.0	3.5+
\$250,000 to \$299,999	3.3	-	-	-	3.3	-	-	-	-	1.4	1.9	...
\$300,000 or more	7.0	-	-	.4	6.6	6.5+	-	.2	.3	2.3	4.2	3.5+
Median	76 240	-	59 322	70 027	88 954	-	-	53 659	66 801	77 067	93 703	-

Table 3-18. Square Footage by Household and Unit Size, Income, and Costs - Owner Occupied Units—Con.

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

Characteristics	Size of occupied detached 1-family homes and mobile homes								Median
	Total	Less than 500 square feet	500 to 999 square feet	1000 to 1499 square feet	1500 to 1999 square feet	2000 to 2499 square feet	2500 square feet or more	Not reported	
Value									
Less than \$10,000	10.3	-	7.5	.5	.2	.8	1.3	-	843
\$10,000 to \$19,999	11.9	-	5.6	2.2	-	1.7	2.5	-	1 086
\$20,000 to \$29,999	5.2	.3	1.6	2.1	.3	-	.3	.6	...
\$30,000 to \$39,999	10.0	-	1.5	1.8	2.7	2.2	1.7	-	1 808
\$40,000 to \$49,999	21.0	.2	2.0	4.0	6.8	2.4	5.1	.5	1 800
\$50,000 to \$59,999	40.3	.3	3.1	8.6	13.3	8.4	5.7	.9	1 791
\$60,000 to \$69,999	84.8	-	4.9	17.1	27.0	20.6	13.6	1.6	1 883
\$70,000 to \$79,999	94.3	-	3.3	17.5	27.5	27.6	16.7	1.7	1 964
\$80,000 to \$89,999	115.0	-	1.5	17.9	22.8	44.2	27.1	1.4	2 165
\$100,000 to \$119,999	44.6	-	.1	3.6	6.0	15.9	18.5	.4	2 387
\$120,000 to \$149,999	32.5	-	-	1.2	3.6	6.6	21.1	-	2500+
\$150,000 to \$199,999	26.6	-	-	1.1	1.7	5.0	18.5	.3	2500+
\$200,000 to \$249,999	6.0	-	-	-	.6	-	5.4	-	2500+
\$250,000 to \$299,999	3.0	-	-	-	-	-	3.0	-	...
\$300,000 or more	6.2	-	-	-	-	.5	5.7	-	2500+
Median	77 678	-	36 253	71 477	72 166	81 684	99 340	70 787	-

Table 3-19. Income, Costs, and Mortgage - Owner Occupied Units

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

Characteristics	Owner occupied								Renter occupied			
	With mortgage				With no mortgage				All renters		Unsubsidized renters ¹	
	Total	Specified ²	Not specified		Total	Specified ²	Not specified		Specified ³	Other	Specified ³	Other
			Condo or Coop	Other			Condo or Coop	Other				
Total	407.6	350.3	23.6	33.7	171.2	138.0	6.6	26.6	...	...	...	...
Income of Families and Primary individuals												
Less than \$5,000.....	3.6	2.3	-	1.5	6.9	5.3	.5	1.0	...	...	...	...
\$5,000 to \$9,999.....	7.3	5.8	-	1.5	25.5	20.7	.5	4.3	...	...	...	...
\$10,000 to \$14,999.....	18.6	12.5	.9	3.2	20.6	17.3	1.0	2.3	...	...	...	...
\$15,000 to \$19,999.....	22.0	17.6	.6	3.6	21.5	17.4	.6	3.5	...	...	...	...
\$20,000 to \$24,999.....	35.8	27.0	3.5	5.3	20.2	15.5	.6	4.1	...	...	...	...
\$25,000 to \$29,999.....	40.6	31.2	5.4	4.0	16.7	13.9	.8	2.0	...	...	...	...
\$30,000 to \$34,999.....	41.2	36.7	2.8	1.6	11.2	8.3	.7	2.2	...	...	...	...
\$35,000 to \$39,999.....	48.3	41.8	3.7	2.8	9.2	7.3	.4	1.5	...	...	...	...
\$40,000 to \$49,999.....	72.0	66.1	2.1	3.7	11.1	10.1	.2	.8	...	...	...	...
\$50,000 to \$59,999.....	40.9	38.0	1.3	1.7	10.0	6.3	.7	3.0	...	...	...	...
\$60,000 to \$79,999.....	41.9	37.5	2.3	2.1	9.2	7.7	.4	1.1	...	...	...	...
\$80,000 to \$99,999.....	18.6	17.4	-	1.2	3.0	3.0	-	-	...	...	...	...
\$100,000 to \$119,999.....	8.1	7.8	.3	-	3.9	3.1	.3	.6	...	...	...	...
\$120,000 or more.....	10.6	8.5	.6	1.4	2.3	2.1	-	.2	...	...	...	...
Median	38 780	40 022	32 444	26 976	22 777	22 687	25 897	22 622	...	...	...	...
Monthly Housing Costs												
Less than \$100.....	-	-	-	-	3.1	2.3	.4	.4	...	...	...	...
\$100 to \$199.....	.2	.2	-	-	61.1	52.6	1.9	6.6	...	...	...	...
\$200 to \$249.....	2.9	2.9	-	-	45.2	38.1	1.3	5.8	...	...	...	...
\$250 to \$299.....	15.6	15.0	-	.8	26.3	21.0	.3	5.0	...	...	...	...
\$300 to \$349.....	20.0	18.5	.6	.9	11.9	8.2	.4	3.3	...	...	...	...
\$350 to \$399.....	20.9	18.4	1.4	1.2	7.6	5.0	.4	2.2	...	...	...	...
\$400 to \$449.....	23.4	19.6	1.1	2.5	4.1	2.6	.6	.8	...	...	...	...
\$450 to \$499.....	28.7	26.0	.8	1.9	2.7	1.1	-	1.6	...	...	...	...
\$500 to \$599.....	53.7	44.2	2.1	7.3	3.3	2.3	.5	.4	...	...	...	...
\$600 to \$699.....	47.0	39.0	3.3	4.6	2.0	1.8	.2	-	...	...	...	...
\$700 to \$799.....	40.6	34.1	3.6	2.9	.9	.8	-	.2	...	...	...	...
\$800 to \$999.....	56.7	49.9	4.2	2.6	1.4	1.2	.2	-	...	...	...	...
\$1,000 to \$1,249.....	29.9	27.7	1.2	1.1	1.0	1.0	-	-	...	...	...	...
\$1,250 to \$1,499.....	12.4	11.3	.6	.5	.6	-	.3	.3	...	...	...	...
\$1,500 or more.....	10.3	8.6	.9	.8	-	-	-	-	...	...	...	...
No cash rent.....	...	...	...	...	...	...	...	...	...	...	...	...
Mortgage payment not reported.....	45.3	34.7	3.8	6.8	-	-	-	-	...	...	...	...
Median (excludes no cash rent)	633	633	716	587	224	219	236	255	...	...	...	...
Monthly Housing Costs as Percent of Income												
Less than 5 percent.....	2.1	1.8	-	.3	15.1	12.7	.6	1.8	...	...	...	...
5 to 9 percent.....	32.7	30.5	1.3	.9	48.2	39.6	1.9	6.8	...	...	...	...
10 to 14 percent.....	68.1	63.3	2.2	2.5	32.9	26.0	1.4	5.4	...	...	...	...
15 to 19 percent.....	70.1	63.2	2.4	4.5	25.2	20.1	.5	4.6	...	...	...	...
20 to 24 percent.....	60.3	50.3	3.8	6.1	16.8	13.8	.8	2.2	...	...	...	...
25 to 29 percent.....	44.3	38.6	2.8	2.9	9.3	8.0	.3	1.1	...	...	...	...
30 to 34 percent.....	34.8	30.1	2.6	2.1	4.5	4.2	-	.3	...	...	...	...
35 to 39 percent.....	18.3	13.7	2.1	2.4	3.5	2.3	-	1.2	...	...	...	...
40 to 49 percent.....	19.1	15.0	2.1	2.0	6.1	4.7	.3	1.1	...	...	...	...
50 to 59 percent.....	5.5	4.1	.5	.8	3.6	2.8	.5	.3	...	...	...	...
60 to 69 percent.....	1.9	1.2	-	.7	1.3	1.0	-	.3	...	...	...	...
70 percent or more.....	4.4	3.2	-	1.2	4.7	3.0	.3	1.3	...	...	...	...
Zero or negative income.....	1.0	.7	-	.3	.1	-	-	.1	...	...	...	...
No cash rent.....	...	...	...	...	...	...	...	...	...	...	...	...
Mortgage payment not reported.....	45.2	34.5	3.8	6.8	-	-	-	-	...	...	...	...
Median (excludes 3 previous lines)	21	20	25	24	13	13	13	14	...	...	...	...
Value												
Less than \$10,000.....	3.8	2.3	-	1.5	6.9	2.1	-	4.7	...	...	...	...
\$10,000 to \$19,999.....	9.5	3.0	.1	6.5	3.4	1.2	.2	2.0	...	...	...	...
\$20,000 to \$29,999.....	4.4	.6	-	3.7	3.3	.9	-	2.3	...	...	...	...
\$30,000 to \$39,999.....	9.6	4.1	1.1	4.4	6.8	4.1	.3	2.4	...	...	...	...
\$40,000 to \$49,999.....	16.4	12.9	1.4	2.1	9.2	6.9	.2	2.1	...	...	...	...
\$50,000 to \$59,999.....	33.0	25.8	4.4	2.8	20.3	16.8	.8	2.8	...	...	...	...
\$60,000 to \$69,999.....	66.9	59.1	5.2	2.6	30.5	26.9	.6	2.9	...	...	...	...
\$70,000 to \$79,999.....	75.6	68.4	4.8	2.4	29.3	26.0	1.9	1.4	...	...	...	...
\$80,000 to \$99,999.....	87.8	83.0	2.7	2.1	34.3	31.0	1.0	2.4	...	...	...	...
\$100,000 to \$119,999.....	38.1	36.0	.7	1.5	8.8	6.8	.2	1.8	...	...	...	...
\$120,000 to \$149,999.....	30.9	28.3	1.4	1.1	4.9	4.3	.6	-	...	...	...	...
\$150,000 to \$199,999.....	20.1	17.8	.9	1.4	7.9	6.7	.2	1.0	...	...	...	...
\$200,000 to \$249,999.....	4.5	3.9	-	.8	2.3	1.2	.6	.5	...	...	...	...
\$250,000 to \$299,999.....	2.5	2.2	.3	-	.8	.8	-	-	...	...	...	...
\$300,000 or more.....	4.4	2.8	.6	1.0	2.6	2.2	.2	.2	...	...	...	...
Median	77 963	79 843	69 291	43 743	71 794	73 848	76 787	48 423	...	...	...	...
Value-Income Ratio												
Less than 1.5.....	98.9	77.9	4.6	16.4	32.5	19.9	.7	11.9	...	...	...	...
1.5 to 1.9.....	93.5	84.0	5.9	3.6	15.4	10.3	.5	4.6	...	...	...	...
2.0 to 2.4.....	80.9	71.8	5.1	4.0	16.1	13.7	.9	1.6	...	...	...	...
2.5 to 2.9.....	48.6	42.6	4.0	2.0	14.6	13.3	.3	1.0	...	...	...	...
3.0 to 3.9.....	43.6	39.2	1.6	2.8	24.4	21.6	1.1	1.7	...	...	...	...
4.0 to 4.9.....	15.5	14.5	-	1.0	20.4	17.3	.8	2.3	...	...	...	...
5.0 or more.....	25.3	19.3	2.4	3.6	47.4	41.8	2.3	3.4	...	...	...	...
Zero or negative income.....	1.3	1.0	-	.3	.3	.2	-	.1	...	...	...	...
Median	2.1	2.1	2.1	1.5	3.3	3.5	3.8	1.8	...	...	...	...

Table 3-19. Income, Costs, and Mortgage - Owner Occupied Units—Con.

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

Characteristics	Owner occupied								Renter occupied			
	With mortgage				With no mortgage				All renters		Unsubsidized renters ¹	
	Total	Specified ²	Not specified		Total	Specified ²	Not specified		Specified ³	Other	Specified ³	Other
			Condo or Coop	Other			Condo or Coop	Other				
Average Monthly Cost Paid for Real Estate Taxes												
Less than \$25	25.4	14.3	2.0	9.2	14.1	4.7	.6	8.8	...	...	...	...
\$25 to \$49	89.6	75.9	6.5	7.2	40.4	36.0	1.5	2.8	...	...	...	...
\$50 to \$74	97.0	86.4	6.5	4.1	43.8	38.3	1.7	3.9	...	...	...	...
\$75 to \$99	63.2	55.5	2.4	5.2	25.2	21.8	.5	2.9	...	...	...	...
\$100 to \$149	72.6	65.5	2.9	4.3	25.7	21.7	1.0	3.1	...	...	...	...
\$150 to \$199	30.5	26.9	1.7	1.9	9.8	5.8	.9	3.2	...	...	...	...
\$200 or more	29.3	25.8	1.6	1.9	12.2	9.8	.5	1.8	...	...	...	...
Median	73	75	63	53	68	69	66	61	...	...	...	...
OWNERS WITH ONE OR MORE MORTGAGES												
Total	407.6	350.3	23.6	33.7	...	...	...	...	...	...	...	...
Monthly Payment for Principal and Interest												
Less than \$100	25.2	24.1	-	1.0	...	...	...	...	...	...	...	...
\$100 to \$199	56.8	49.2	3.1	4.5	...	...	...	...	...	...	...	...
\$200 to \$249	31.8	26.6	.6	4.7	...	...	...	...	...	...	...	...
\$250 to \$299	25.0	20.8	.4	3.7	...	...	...	...	...	...	...	...
\$300 to \$349	28.1	24.3	1.7	2.2	...	...	...	...	...	...	...	...
\$350 to \$399	20.9	18.7	1.1	1.1	...	...	...	...	...	...	...	...
\$400 to \$449	22.8	19.0	2.5	1.3	...	...	...	...	...	...	...	...
\$450 to \$499	20.5	16.9	2.6	.9	...	...	...	...	...	...	...	...
\$500 to \$599	40.8	34.9	3.7	2.3	...	...	...	...	...	...	...	...
\$600 to \$699	31.2	27.7	1.1	2.4	...	...	...	...	...	...	...	...
\$700 to \$799	21.7	20.3	.8	.8	...	...	...	...	...	...	...	...
\$800 to \$999	21.5	19.2	1.1	1.3	...	...	...	...	...	...	...	...
\$1,000 to \$1,249	8.7	7.8	.6	.3	...	...	...	...	...	...	...	...
\$1,250 to \$1,499	4.3	3.7	.6	-	...	...	...	...	...	...	...	...
\$1,500 or more	2.9	2.5	-	.5	...	...	...	...	...	...	...	...
Not reported	45.3	34.7	3.8	6.8	...	...	...	...	...	...	...	...
Median	384	384	461	293	...	...	...	...	...	...	...	...
Type of Primary Mortgage												
FHA	101.9	90.2	7.1	4.6	...	...	...	...	...	...	...	...
VA	60.6	55.6	1.8	3.2	...	...	...	...	...	...	...	...
Farmers Home Administration	4.0	4.0	-	-	...	...	...	...	...	...	...	...
Other types	228.3	192.5	13.5	22.3	...	...	...	...	...	...	...	...
Don't know	4.9	4.3	.6	-	...	...	...	...	...	...	...	...
Not reported	7.9	3.8	.6	3.5	...	...	...	...	...	...	...	...
Mortgage Origination												
Placed new mortgage(s)	302.7	260.3	17.6	24.8	...	...	...	...	...	...	...	...
Primary obtained when property acquired	265.5	228.0	16.1	21.3	...	...	...	...	...	...	...	...
Obtained later	36.8	32.0	1.6	3.3	...	...	...	...	...	...	...	...
Date not reported	.5	.3	-	.2	...	...	...	...	...	...	...	...
Assumed	53.5	46.0	4.6	2.9	...	...	...	...	...	...	...	...
Wrap-around	.5	.5	-	-	...	...	...	...	...	...	...	...
Combination of the above	37.5	34.2	.8	2.6	...	...	...	...	...	...	...	...
Origin not reported	13.3	9.4	.6	3.3	...	...	...	...	...	...	...	...
Payment Plan of Primary Mortgage												
Fixed payment, self amortizing	327.6	288.4	18.3	21.0	...	...	...	...	...	...	...	...
Adjustable rate mortgage	24.3	21.6	.1	2.6	...	...	...	...	...	...	...	...
Adjustable term mortgage	.5	.5	-	-	...	...	...	...	...	...	...	...
Graduated payment mortgage	12.2	10.1	1.9	.2	...	...	...	...	...	...	...	...
Balloon	6.7	4.9	.2	1.6	...	...	...	...	...	...	...	...
Other	3.4	3.1	.3	-	...	...	...	...	...	...	...	...
Combination of the above	1.4	1.0	.2	.2	...	...	...	...	...	...	...	...
Not reported	31.5	20.8	2.6	8.1	...	...	...	...	...	...	...	...
Payment Plan of Secondary Mortgage												
Units with two or more mortgages	52.8	46.1	2.4	4.4	...	...	...	...	...	...	...	...
Fixed payment, self amortizing	29.6	26.0	1.4	2.1	...	...	...	...	...	...	...	...
Adjustable rate mortgage	4.0	4.0	-	-	...	...	...	...	...	...	...	...
Adjustable term mortgage	.1	.1	-	-	...	...	...	...	...	...	...	...
Graduated payment mortgage	1.7	1.4	-	.3	...	...	...	...	...	...	...	...
Balloon	3.9	3.5	-	.5	...	...	...	...	...	...	...	...
Other	.4	.4	-	-	...	...	...	...	...	...	...	...
Combination of the above	.6	.6	-	-	...	...	...	...	...	...	...	...
Not reported	12.5	10.1	.9	1.5	...	...	...	...	...	...	...	...
Lenders of Primary and Secondary Mortgages												
Only borrowed from firm(s)	343.9	299.4	20.5	24.1	...	...	...	...	...	...	...	...
Only borrowed from seller	19.6	17.3	.6	1.7	...	...	...	...	...	...	...	...
Only borrowed from other individual(s)	5.2	3.5	.5	1.2	...	...	...	...	...	...	...	...
Borrowed from a firm and seller	5.0	4.3	.5	.2	...	...	...	...	...	...	...	...
Borrowed from a firm and other individual	2.0	1.7	-	.3	...	...	...	...	...	...	...	...
Borrowed from seller and other individual	.3	-	-	-	...	...	...	...	...	...	...	...
One or both sources not reported	31.6	24.2	1.5	5.8	...	...	...	...	...	...	...	...

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

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

³Excludes one-unit structures on 10 acres or more.

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

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

Characteristics	Total	Zero to negative	\$1 to \$4,999	\$5,000 to \$9,999	\$10,000 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$29,999	\$30,000 to \$39,999	\$40,000 to \$59,999	\$60,000 to \$79,999	\$80,000 to \$99,999	\$100,000 to \$119,999	\$120,000 or more	Median
Total	578.8	1.2	9.5	32.8	37.2	43.5	113.3	109.8	134.0	51.1	21.6	12.0	12.9	34 738
Units In Structure														
1, detached	494.9	1.2	7.8	26.9	31.0	35.6	89.0	92.3	121.1	45.6	21.0	11.6	11.7	36 050
1, attached	31.4	-	-	.2	.5	1.5	8.3	7.8	8.0	3.8	.3	.2	.9	36 653
2 to 4	19.2	-	.9	2.1	2.0	3.9	3.2	3.0	2.4	1.1	.3	-	.3	22 122
5 to 9	1.2	-	.1	-	.2	-	.3	.6	-	-	-	-	-	...
10 to 19	3.1	-	.2	.7	-	.5	1.6	-	-	.2	-	-	-	...
20 to 49	4.5	-	.3	.2	.2	-	1.8	1.4	.2	.5	-	-	-	...
50 or more	7.7	-	-	.1	.1	.6	2.2	2.2	1.1	-	-	.3	-	28 663
Mobile home or trailer	16.7	-	-	2.6	2.2	1.4	6.9	2.4	1.3	-	-	-	-	23 170
Year Structure Built¹														
1990 to 1994	-	-	-	-	-	-	-	-	-	-	-	-	-	...
1985 to 1989	7.6	-	-	.6	.6	.6	1.0	2.9	1.0	.6	.4	.2	.2	35 422
1980 to 1984	55.4	.2	.4	.5	1.4	1.7	10.2	12.2	18.3	4.7	1.8	1.0	3.1	41 172
1975 to 1979	66.5	.3	.5	2.3	1.5	1.4	12.4	12.7	19.4	8.7	3.2	1.9	2.3	42 302
1970 to 1974	56.0	.3	1.0	2.0	3.0	3.9	11.7	10.1	12.6	7.0	1.8	.6	2.1	36 059
1960 to 1969	101.2	-	1.0	2.6	4.5	5.7	18.4	22.3	28.0	10.1	4.7	2.8	1.2	38 289
1950 to 1959	107.5	.3	1.6	6.3	8.9	10.4	21.8	17.2	26.4	8.6	3.6	1.8	.5	32 576
1940 to 1949	44.1	-	1.2	6.1	4.3	5.3	9.6	7.3	5.3	2.0	1.0	1.0	1.1	25 444
1930 to 1939	30.4	-	1.3	1.5	3.4	3.9	5.0	7.0	4.8	1.2	1.6	.8	-	30 122
1920 to 1929	42.8	-	.6	4.2	3.1	4.3	8.4	6.8	7.3	3.9	1.8	1.4	.9	31 177
1919 or earlier	67.2	.1	1.9	7.4	6.6	6.3	14.7	11.2	11.0	4.3	1.7	.6	1.5	27 720
Median	1960	-	1948	1945	1951	1952	1959	1962	1964	1966	1962	1961	1973	-
Rooms														
1 room	.5	-	-	-	.3	-	-	-	-	.2	-	-	-	...
2 rooms	1	-	-	-	-	-	.1	-	-	-	-	-	-	...
3 rooms	8.2	-	.2	.4	.6	.2	3.5	2.2	.7	.2	-	-	.3	28 110
4 rooms	52.3	-	1.3	9.2	4.7	5.4	14.2	10.3	6.0	.8	.5	-	-	23 970
5 rooms	111.2	-	4.2	10.2	14.3	10.5	26.9	19.8	18.5	3.5	1.3	1.8	.3	26 075
6 rooms	109.1	-	1.7	6.3	7.6	11.5	21.5	23.2	28.0	8.5	1.8	.5	.5	32 570
7 rooms	112.3	.3	1.6	3.5	4.9	7.4	23.4	22.7	32.8	9.8	4.7	.6	.8	36 682
8 rooms	82.4	.2	-	2.2	2.0	3.7	11.3	16.5	25.4	11.2	4.3	2.5	3.1	44 202
9 rooms	56.4	.7	-	.7	1.0	2.5	8.3	8.7	14.8	9.4	4.2	2.6	3.6	48 512
10 rooms or more	46.2	-	.6	.3	1.9	2.3	4.0	6.5	9.8	7.6	4.7	4.3	4.2	55 273
Median	6.6	-	5.3	5.2	5.4	6.0	6.1	6.5	7.0	7.7	8.1	8.6	8.9	-
Bedrooms														
None	.6	-	-	-	.3	-	.1	-	-	.2	-	-	-	...
1	20.1	-	.5	4.4	1.2	2.4	5.8	3.6	1.3	.5	-	-	.3	22 698
2	161.6	-	5.3	15.7	17.4	15.0	38.0	32.3	28.9	6.8	2.5	1.1	.6	27 199
3	251.9	.4	2.8	10.2	14.6	19.0	48.4	48.3	67.2	23.9	10.1	3.6	3.3	38 314
4 or more	144.6	.7	.8	2.5	3.6	7.1	20.9	25.5	38.5	19.7	9.1	7.3	8.7	45 710
Median	2.9	-	2.3	2.3	2.5	2.7	2.8	2.9	3.1	3.3	3.3	3.5+	3.5+	-
Complete Bathrooms														
None	1.5	-	-	.8	.4	-	.3	-	-	-	-	-	-	...
1	230.5	-	8.5	19.6	23.7	23.8	54.3	46.3	41.6	7.9	3.5	.3	.8	27 278
1 and one-half	144.1	.7	.4	8.5	6.7	10.6	28.0	28.6	39.4	13.2	4.4	2.2	1.4	36 001
2 or more	202.6	.5	.5	3.8	6.4	9.1	30.7	34.9	53.0	29.9	13.7	9.5	10.7	45 843
Main Heating Equipment														
Warm-air furnace	454.9	1.0	5.0	23.6	28.4	30.8	89.5	88.1	109.8	41.8	17.7	9.4	10.0	35 585
Steam or hot water system	87.7	.1	3.3	6.0	6.6	8.5	16.5	15.0	16.9	7.6	3.0	2.3	1.9	31 865
Electric heat pump	3.2	-	-	-	-	-	.3	.6	1.7	.3	-	.3	-	...
Built-in electric units	6.3	-	.3	.5	.2	.6	1.6	1.8	1.1	.2	-	-	-	29 941
Floor, wall, or other built-in hot air units without ducts	1.1	-	-	-	-	.3	.6	-	-	.3	-	-	-	...
Room heaters with flue	5.0	-	.3	1.3	.5	.3	1.2	.6	.4	-	-	-	.4	...
Room heaters without flue	-	-	-	-	-	-	-	-	-	-	-	-	-	...
Portable electric heaters	-	-	-	-	-	-	-	-	-	-	-	-	-	...
Stoves	12.9	-	.6	.9	1.0	2.2	2.1	2.2	2.3	.9	.5	-	.4	28 802
Fireplaces with inserts	2.2	-	-	-	-	.3	.8	.3	.7	-	.2	-	-	...
Fireplaces without inserts	.3	-	-	-	-	-	-	-	.3	-	-	-	-	...
Other	4.7	-	-	.4	.6	.3	.8	1.2	.9	-	.3	-	.3	...
None	.3	-	-	-	-	.3	-	-	-	-	-	-	-	...
Source of Water														
Public system or private company	481.0	.5	7.7	28.1	31.3	36.1	97.4	90.6	109.7	42.7	17.5	8.8	10.6	34 351
Well serving 1 to 5 units	97.2	.7	1.8	4.7	5.9	7.1	15.8	18.9	24.3	8.4	4.1	3.2	2.2	36 660
Drilled	92.1	.7	1.2	4.6	6.7	7.1	14.9	17.5	23.4	8.4	4.1	2.5	1.9	36 729
Dug	2.3	-	.3	-	.1	-	.3	1.1	-	-	-	.1	.3	...
Not reported	2.9	-	.3	.1	-	-	.6	.3	.9	-	-	.6	-	...
Other	.6	-	-	-	-	.3	-	.3	-	-	-	-	-	...
Means of Sewage Disposal														
Public sewer	489.9	.5	7.4	29.0	32.2	37.8	98.3	92.0	111.5	43.3	17.9	9.1	10.9	34 325
Septic tank, cesspool, chemical toilet	88.9	.7	2.1	3.7	5.0	5.7	15.0	17.8	22.6	7.8	3.7	2.9	1.9	36 878
Other	-	-	-	-	-	-	-	-	-	-	-	-	-	...
Main House Heating Fuel														
Housing units with heating fuel	578.5	1.2	9.5	32.8	37.2	43.2	113.3	109.8	134.0	51.1	21.6	12.0	12.9	34 752
Electricity	16.8	-	.3	.7	.5	.9	2.8	4.2	5.6	.6	.3	.7	.3	37 886
Piped gas	467.8	.5	6.6	27.7	29.9	35.1	91.1	87.7	108.0	42.7	17.8	9.6	11.2	34 913
Bottled gas	19.2	-	.3	1.0	1.5	.6	4.2	2.9	4.2	1.9	1.0	.4	.2	33 767
Fuel oil	45.8	-	1.7	2.5	4.0	2.8	9.4	8.3	10.2	4.1	.8	1.2	.7	33 009
Kerosene or other liquid fuel	.4	-	-	-	-	-	-	-	.1	.3	-	-	-	...
Coal or coke	-	-	-	-	-	-	-	-	-	-	-	-	-	...
Wood	26.7	-	.6	.9	1.3	3.3	5.6	6.5	5.2	1.6	1.2	.2	.4	32 612
Solar energy	.6	-	-	-	-	-	-	-	.4	-	-	-	-	...
Other	1.2	-	-	-	-	.3	.2	.4	.3	-	-	-	-	...

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

[Numbers in thousands. ... 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
Value														
Less than \$10,000	10.6	-	-	1.6	1.4	1.0	4.2	1.1	1.2	-	-	-	-	22 734
\$10,000 to \$19,999	12.9	-	.6	1.1	1.3	.8	3.6	2.4	2.0	.3	.6	.3	-	27 391
\$20,000 to \$29,999	7.6	-	.8	.9	.8	.8	2.7	1.1	.3	-	.2	-	-	21 864
\$30,000 to \$39,999	16.5	-	.9	2.8	2.8	2.5	3.5	2.8	.6	.5	-	-	-	18 461
\$40,000 to \$49,999	25.6	-	.9	4.7	3.5	4.0	4.7	5.0	1.8	.5	-	-	-	19 672
\$50,000 to \$59,999	53.3	-	1.8	6.0	6.9	5.1	13.0	12.2	7.1	1.2	-	-	-	25 241
\$60,000 to \$69,999	97.3	-	1.3	6.8	9.4	10.4	20.7	22.4	21.3	3.9	1.0	.3	-	30 100
\$70,000 to \$79,999	104.9	-	.6	5.5	6.0	8.8	25.3	24.6	24.8	5.6	2.5	1.1	.2	32 578
\$80,000 to \$89,999	122.2	.7	2.4	2.5	3.9	5.6	23.1	22.8	40.2	13.8	3.8	1.7	1.4	39 990
\$100,000 to \$119,999	46.9	.3	-	.4	.6	1.9	4.2	7.0	17.4	9.5	3.4	.9	1.5	50 518
\$120,000 to \$149,999	35.8	-	-	-	-	1.6	4.0	5.1	10.5	6.6	4.1	2.0	1.8	53 587
\$150,000 to \$199,999	28.0	.2	-	.4	.6	1.0	2.3	1.9	5.0	6.6	3.8	3.5	2.4	67 418
\$200,000 to \$249,999	6.8	-	-	-	-	.3	.8	-	.3	1.2	1.2	1.2	1.8	93 186
\$250,000 to \$299,999	3.3	-	-	-	-	-	-	.5	.6	-	.5	.3	1.4	-
\$300,000 or more	7.0	-	.2	-	-	-	1.0	.7	.9	1.2	.3	.8	2.0	72 367
Median	76 240	-	58 866	58 347	62 014	67 301	71 693	73 213	83 917	99 405	114 685	145 573	175 350	-
Value-Income Ratio														
Less than 1.5	131.4	-	-	1.9	2.3	2.2	13.0	15.1	38.3	27.5	14.0	6.7	10.3	56 241
1.5 to 1.9	108.9	-	-	.2	.7	1.5	5.2	28.3	52.7	10.8	3.8	4.1	1.7	47 062
2.0 to 2.4	97.0	-	-	-	1.0	2.8	19.7	38.0	25.7	8.1	3.0	.5	.2	36 846
2.5 to 2.9	63.2	-	.3	.8	1.0	3.8	26.6	16.9	10.4	2.4	.2	.5	.3	29 672
3.0 to 3.9	68.1	-	-	1.0	6.0	14.2	32.1	8.9	4.0	1.2	.3	.3	-	23 965
4.0 to 4.9	35.9	-	.3	1.0	10.2	10.8	9.7	2.5	1.1	-	.3	-	.3	18 008
5.0 or more	72.6	-	6.9	27.8	15.9	8.0	6.9	2.1	1.5	1.2	-	-	-	9 939
Zero or negative income	1.8	1.2	-	-	-	-	-	-	-	-	-	-	-	-
Median	2.2	-	5.0+	5.0+	4.7	3.8	2.9	2.2	1.8	1.5	1.5	1.5	1.5	-
Monthly Payment for Principal and Interest														
Less than \$100	25.2	.3	.3	1.4	2.7	2.9	6.2	5.1	3.9	1.2	.6	.3	.3	27 994
\$100 to \$199	56.8	-	.6	1.8	4.3	3.5	10.2	13.7	14.6	6.4	.8	-	1.0	35 909
\$200 to \$249	31.8	-	-	1.0	1.7	1.5	6.2	6.2	8.2	4.5	1.9	.5	-	38 759
\$250 to \$299	25.0	-	.2	.6	.3	3.1	5.0	5.7	7.4	1.2	.5	.6	.3	35 797
\$300 to \$349	28.1	.3	-	-	1.9	2.4	8.6	3.7	7.4	2.0	.9	.3	.6	32 194
\$350 to \$399	20.9	-	-	-	1.0	2.1	4.5	4.0	4.9	3.3	.9	.2	.2	37 103
\$400 to \$449	22.8	-	-	.4	-	1.1	5.4	4.7	7.2	1.4	1.5	.2	1.0	39 643
\$450 to \$499	20.5	-	-	.2	.6	.4	4.6	6.2	5.9	1.5	.6	-	.5	37 164
\$500 to \$599	40.8	.3	-	-	.3	.9	7.8	11.0	13.4	4.2	1.6	1.0	.3	40 212
\$600 to \$699	31.2	-	-	-	.2	6.7	10.7	7.5	2.3	2.8	.3	.9	.9	38 140
\$700 to \$799	21.7	-	-	-	.4	1.5	4.9	10.6	2.8	1.1	.3	.2	.4	47 723
\$800 to \$899	21.5	-	.4	-	.3	.9	3.0	8.0	5.1	1.1	.8	.8	.9	53 032
\$1,000 to \$1,249	8.7	-	-	-	-	-	2.0	1.0	4.3	1.1	.8	.6	.6	54 787
\$1,250 to \$1,499	4.3	-	-	-	-	-	-	-	.6	.2	1.6	.8	1.1	-
\$1,500 or more	2.9	-	-	-	-	-	.2	-	.3	.3	.2	1.1	.9	-
Not reported	45.3	.2	1.3	1.9	3.4	2.5	8.5	9.7	8.8	4.3	1.7	1.2	1.9	35 013
Median	384	-	-	173	191	278	337	417	440	403	539	797	625	-
Average Monthly Cost Paid for Real Estate Taxes														
Less than \$25	39.5	-	.4	4.0	5.5	4.2	11.5	8.0	4.6	.6	.5	.2	-	24 933
\$25 to \$49	129.9	.3	4.3	11.3	13.0	10.7	28.7	28.7	27.4	3.8	1.0	-	1.0	28 867
\$50 to \$74	140.7	.1	2.9	7.6	10.8	13.8	29.2	27.0	33.0	11.8	2.4	.7	1.6	32 240
\$75 to \$99	88.4	-	.4	7.1	4.6	5.6	18.3	17.0	22.5	9.3	2.9	.3	.3	34 780
\$100 to \$149	98.4	-	.6	1.7	3.0	5.8	17.6	17.7	27.2	13.2	6.2	4.2	1.1	42 025
\$150 to \$199	40.3	.6	-	.6	.2	1.8	4.9	7.9	12.6	5.0	3.5	1.6	1.7	46 547
\$200 or more	41.5	.2	.9	.4	-	1.6	3.1	3.6	6.7	7.6	5.2	5.1	7.1	71 146
Median	71	-	50	53	50	63	84	67	77	101	133	170	200+	-
Purchase Price														
Home purchased or built	564.5	.7	8.5	30.6	35.2	42.7	108.6	108.4	131.7	50.8	21.5	12.0	12.7	35 058
Less than \$10,000	38.2	.1	1.5	7.6	8.0	4.6	8.3	3.7	3.4	.8	-	.3	-	16 968
\$10,000 to \$19,999	109.0	-	2.8	11.8	13.8	12.9	21.7	16.3	19.3	6.2	2.6	.8	.8	26 061
\$20,000 to \$29,999	68.9	-	1.4	2.4	4.0	7.7	13.0	14.6	16.7	5.8	2.5	.7	.3	34 194
\$30,000 to \$39,999	50.3	-	-	1.2	3.2	3.2	10.6	11.9	13.1	4.1	1.8	.9	.3	35 846
\$40,000 to \$49,999	58.6	-	.3	2.3	1.5	5.3	12.5	14.2	13.4	4.3	1.8	1.4	1.6	35 200
\$50,000 to \$59,999	51.4	.3	.3	1.4	1.6	2.6	15.1	10.3	12.5	5.0	.9	-	1.4	34 306
\$60,000 to \$69,999	50.8	-	.3	3.3	1.0	2.1	11.7	12.0	13.9	5.1	2.1	1.5	.9	38 409
\$70,000 to \$79,999	40.8	.3	.7	.4	.4	2.2	5.2	12.3	13.3	3.9	.9	.5	.8	39 118
\$80,000 to \$89,999	38.0	-	-	-	.6	.2	4.3	8.1	13.5	5.7	2.4	.8	.4	47 114
\$100,000 to \$119,999	15.0	-	-	-	.2	-	1.1	2.1	6.3	2.2	2.3	.7	1.1	56 041
\$120,000 to \$149,999	11.1	-	-	-	-	-	.7	1.1	2.3	3.7	2.1	.6	.7	68 156
\$150,000 to \$199,999	8.4	-	-	-	-	-	.5	-	1.2	1.4	2.0	2.3	1.0	90 941
\$200,000 to \$249,999	1.9	-	-	-	-	-	.3	-	-	.3	-	.2	1.1	-
\$250,000 to \$299,999	1.0	-	-	-	-	-	-	.2	.3	-	.2	-	.3	-
\$300,000 or more	1.1	-	-	-	-	.2	-	-	-	-	-	.2	.7	-
Not reported	21.7	-	1.3	3.3	.9	1.7	5.6	1.7	2.4	2.4	-	1.2	1.2	26 614
Median	40 844	-	17 549	15 129	16 573	23 833	38 535	44 673	49 062	56 332	65 571	69 105	74 673	-
Received as inheritance or gift	7.6	.3	.3	.5	1.3	-	2.9	.9	1.3	-	.1	-	-	24 827
Not reported	6.7	.2	.6	1.6	.7	.8	.7	.5	1.1	.3	-	-	.2	16 326

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

Table 3-21. Housing Costs by Selected Characteristics - Owner Occupied Units

[Numbers in thousands. ... 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 \$899	\$1,000 to \$1,499	\$1,500 or more	No cash rent	Mortgage payment not reported	Median excluding no cash rent
Total	578.6	3.1	61.3	90.0	60.4	58.9	57.0	49.0	41.5	58.1	43.8	10.3	---	45.3	488
Units in Structure															
1, detached.....	494.9	2.5	52.8	81.2	52.3	51.8	47.4	39.4	32.3	50.4	39.5	9.7	---	35.8	479
1, attached.....	31.4	-	2.1	1.0	1.6	2.3	2.4	4.9	5.9	5.0	2.3	.8	---	3.3	696
2 to 4.....	19.2	-	3.3	2.7	2.7	1.8	1.7	1.2	1.7	.9	.9	---	---	2.6	385
5 to 9.....	1.2	-	-	-	-	-	-	.3	.2	-	-	---	---	---	---
10 to 19.....	3.1	-	.2	.6	.3	.3	.3	-	.8	.2	-	---	---	.7	---
20 to 49.....	4.5	.2	.3	.2	-	.8	.3	.9	.3	.6	.3	---	---	.7	---
50 or more.....	7.7	.4	1.0	.3	1.2	.1	.9	.3	.4	1.0	.9	---	---	1.1	519
Mobile home or trailer.....	16.7	-	1.7	4.0	2.3	2.1	4.0	2.0	-	-	-	---	---	.6	405
Year Structure Built¹															
1990 to 1994.....	-	-	-	-	-	-	-	-	-	-	-	-	---	-	---
1985 to 1989.....	7.6	.4	-	-	.2	.8	.4	.2	.8	1.2	2.1	.4	---	1.5	909
1980 to 1984.....	55.4	.2	3.3	1.2	1.0	2.3	3.4	5.0	7.9	13.1	10.8	4.0	---	3.1	828
1975 to 1979.....	66.5	.3	.8	1.5	2.7	6.4	11.6	8.0	6.7	7.0	12.7	2.5	---	6.4	685
1970 to 1974.....	56.0	-	3.2	6.2	7.2	9.3	5.7	7.8	3.4	4.8	3.4	.9	---	4.5	499
1960 to 1969.....	101.2	.4	3.9	16.2	13.4	15.1	9.0	9.7	6.8	10.8	5.4	.7	---	8.8	479
1950 to 1959.....	107.5	-	17.3	28.6	12.8	11.0	10.8	5.4	4.3	8.8	1.8	-	---	6.8	335
1940 to 1949.....	44.1	.3	11.0	9.4	5.5	3.6	2.6	1.9	3.0	2.4	1.0	.3	---	2.9	299
1930 to 1939.....	30.4	.6	3.6	6.0	3.5	2.7	3.2	1.7	2.8	2.8	2.0	-	---	1.2	424
1920 to 1929.....	42.8	.3	7.0	8.4	4.0	3.1	4.3	4.7	3.8	2.0	1.8	.6	---	2.7	410
1919 or earlier.....	67.2	.7	10.9	12.4	10.2	4.6	6.0	5.0	2.3	5.2	2.7	.8	---	6.5	362
Median.....	1960	---	1948	1953	1956	1963	1962	1966	1967	1967	1976	1979	---	1963	---
Rooms															
1 room.....	.5	-	.2	-	-	-	-	-	-	-	-	-	---	.3	---
2 rooms.....	.1	-	-	-	-	.1	-	-	-	-	-	-	---	-	---
3 rooms.....	8.2	.3	1.0	.5	1.1	4	1.4	1.1	1.0	.3	.2	-	---	.9	526
4 rooms.....	52.3	.6	12.8	6.6	5.5	4.7	4.4	3.2	4.6	5.2	1.0	-	---	3.7	378
5 rooms.....	111.2	1.7	22.3	25.2	9.6	7.5	10.4	8.6	7.5	6.9	3.1	.3	---	7.9	326
6 rooms.....	109.1	-	12.2	22.4	11.8	11.6	12.3	7.2	7.2	10.9	3.9	.5	---	9.2	431
7 rooms.....	112.3	.5	8.3	15.2	16.3	13.0	12.9	8.7	9.1	11.6	9.7	1.5	---	5.7	501
8 rooms.....	82.4	-	3.3	8.7	9.1	10.1	6.9	10.3	4.8	9.3	10.4	2.7	---	6.8	596
9 rooms.....	56.4	-	.7	7.2	5.7	6.8	4.0	5.7	4.3	6.1	7.8	2.8	---	5.3	622
10 rooms or more.....	46.2	-	.7	4.3	1.5	4.6	4.7	4.1	3.0	7.6	7.7	2.5	---	5.6	714
Median.....	6.6	---	5.3	6.1	6.6	6.9	6.5	7.0	6.6	7.0	7.9	6.6	---	6.6	---
Bedrooms															
None.....	.8	-	.2	-	-	.1	-	-	-	-	-	-	---	.3	---
1.....	20.1	.9	4.3	2.3	3.4	1.3	2.6	1.4	1.2	.7	.4	-	---	1.7	351
2.....	161.6	1.4	31.6	28.4	12.8	14.1	14.3	11.3	15.1	15.5	4.1	.5	---	12.4	403
3.....	251.9	.3	20.5	43.0	30.2	25.5	27.8	21.8	15.1	26.6	19.7	4.6	---	17.0	492
4 or more.....	144.6	.5	4.8	16.3	14.1	18.0	12.4	14.4	10.2	15.2	18.5	5.1	---	13.9	594
Median.....	2.9	---	2.3	2.8	3.0	3.0	2.9	3.0	2.8	3.0	3.4	3.5+	---	3.0	---
Complete Bathrooms															
None.....	1.5	-	.9	.1	-	-	-	-	-	-	-	-	---	.4	---
1.....	230.5	3.1	37.4	42.4	24.0	18.4	22.0	20.7	18.1	19.2	8.2	-	---	17.0	399
1 and one-half.....	144.1	-	14.9	26.0	18.3	16.4	14.2	11.8	9.9	14.3	7.2	1.3	---	9.7	449
2 or more.....	202.6	-	8.2	21.4	18.1	24.1	20.8	16.4	13.5	24.8	28.4	8.8	---	18.2	598
Main Heating Equipment															
Warm-air furnace.....	454.9	1.2	49.2	70.8	44.9	46.3	45.3	39.8	33.3	47.1	35.2	8.4	---	33.5	496
Steam or hot water system.....	87.7	.9	7.8	14.7	11.3	8.1	8.0	7.3	5.2	8.1	6.0	1.9	---	6.4	462
Electric heat pump.....	3.2	-	.3	.1	.1	.3	.2	-	.1	.7	1.1	-	---	.3	---
Built-in electric units.....	6.3	.3	.2	.3	.8	.6	.5	.5	.6	1.4	-	-	---	1.0	566
Floor, wall, or other built-in hot air units without ducts.....	1.1	-	.5	-	.6	-	-	-	-	-	-	-	---	-	---
Room heaters with flue.....	5.0	-	1.7	1.3	1.2	-	.1	-	.2	-	.4	-	---	.3	---
Room heaters without flue.....	-	-	-	-	-	-	-	-	-	-	-	-	---	-	---
Portable electric heaters.....	-	-	-	-	-	-	-	-	-	-	-	-	---	-	---
Stoves.....	12.9	.6	.8	2.1	1.3	2.4	1.2	.7	1.7	-	.5	-	---	1.7	436
Fireplaces with inserts.....	2.2	.2	-	-	-	.6	.8	.1	.2	-	.3	-	---	-	---
Fireplaces without inserts.....	.3	-	-	.3	-	-	-	-	-	-	-	-	---	-	---
Other.....	4.7	-	.8	.3	.3	.5	.9	.6	.2	.7	.3	-	---	.2	---
None.....	.3	-	.3	-	-	-	-	-	-	-	-	-	---	-	---
Source of Water															
Public system or private company.....	481.0	1.6	52.2	75.2	53.1	47.8	49.4	40.7	34.8	47.5	34.7	8.4	---	35.6	485
Well serving 1 to 5 units.....	97.2	1.6	8.8	14.7	7.0	11.1	7.5	8.2	6.8	10.8	9.1	1.9	---	9.7	506
Drilled.....	92.1	1.3	8.4	13.2	6.8	11.1	6.9	7.6	6.4	10.4	9.1	1.8	---	9.1	510
Dug.....	2.3	.3	.4	.3	.2	-	.3	-	.3	-	-	.1	---	.3	---
Not reported.....	2.9	-	-	1.3	-	-	.4	-	.6	-	-	-	---	.3	---
Other.....	.6	-	.3	-	.3	-	-	-	-	-	-	-	---	-	---
Means of Sewage Disposal															
Public sewer.....	489.9	1.6	53.4	77.8	53.7	48.3	50.2	41.9	35.4	47.9	34.7	8.4	---	36.6	483
Septic tank, cesspool, chemical toilet.....	68.9	1.6	7.9	12.2	6.7	10.6	6.8	7.0	6.1	10.2	9.2	1.9	---	8.8	517
Other.....	-	-	-	-	-	-	-	-	-	-	-	-	---	-	---
Main House Heating Fuel															
Housing units with heating fuel.....	578.5	3.1	61.0	90.0	60.4	58.9	57.0	49.0	41.5	58.1	43.8	10.3	---	45.3	488
Electricity.....	16.8	.3	.2	.6	1.2	1.9	2.2	.5	1.8	3.4	2.8	.3	---	1.6	741
Piped gas.....	467.8	1.3	51.9	73.6	50.0	45.8	48.2	39.9	32.0	47.3	34.5	7.7	---	35.7	486
Bottled gas.....	19.2	-	2.4	2.9	1.6	1.8	1.6	1.7	1.1	2.0	1.8	1.1	---	1.1	519
Fuel oil.....	45.8	.6	4.0	9.7	5.7	5.1	2.3	5.0	3.2	3.2	2.5	.9	---	3.7	422
Kerosene or other liquid fuel.....	.4	-	-	-	-	-	-	.1	-	-	-	.3	---	-	---
Coal or coke.....	-	-	-	-	-	-	-	-	-	-	-	-	---	-	---
Wood.....	26.7	1.0	2.1	3.2	1.9	4.2	2.7	1.5	3.1	1.7	2.2	-	---	3.0	487
Solar energy.....	.6	-	.2	-	-	-	-	.3	-	-	-	-	---	.2	---
Other.....	1.2	-	.3	-	-	.2	-	-	.2	.4	-	-	---	-	---

Table 3-21. Housing Costs by Selected Characteristics - Owner Occupied Units—Con.

(Numbers in thousands. ... 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 \$899	\$1,000 to \$1,499	\$1,500 or more	No cash rent	Mortgage payment not reported	Median excluding no cash rent
Value-Income Ratio															
Less than 1.5	131.4	1.0	9.7	16.8	17.1	14.2	16.4	11.2	9.7	11.8	10.5	2.3	...	10.9	509
1.5 to 1.9	108.9	-	4.1	10.4	10.4	10.4	14.5	11.7	12.6	14.5	9.8	2.0	...	8.4	603
2.0 to 2.4	87.0	.4	4.1	13.7	6.8	10.7	9.0	11.3	8.1	11.8	10.9	3.7	...	6.4	605
2.5 to 2.9	63.2	-	5.8	8.2	5.5	7.4	3.9	6.9	4.9	9.8	4.8	1.8	...	4.5	564
3.0 to 3.9	68.1	.2	7.2	12.6	8.3	8.4	6.4	5.4	3.7	5.5	4.8	-	...	5.5	435
4.0 to 4.9	35.9	.4	7.6	10.7	3.5	3.3	3.1	1.0	.5	1.5	1.7	-	...	2.7	280
5.0 or more	72.6	1.0	22.5	17.4	8.6	4.5	3.7	1.3	1.4	3.1	1.8	.5	...	6.8	254
Zero or negative income	1.6	-	.2	.1	.3	-	-	.3	.3	.3	-	-	...	.2	...
Median	2.2	-	3.9	2.7	2.2	2.2	1.9	2.1	1.9	2.1	2.1	2.1	...	2.3	...
Monthly Payment for Principal and Interest															
Less than \$100	25.2	-	-	11.7	12.0	.6	.6	-	-	.3	-	-	...	-	308
\$100 to \$199	56.8	-	.2	6.9	23.6	19.7	3.8	1.3	.7	-	.8	-	...	-	391
\$200 to \$249	31.8	-	-	-	5.1	14.9	10.9	1.0	-	-	-	-	...	-	473
\$250 to \$299	25.0	-	-	-	.3	11.4	9.1	3.0	.9	.3	-	-	...	-	509
\$300 to \$349	28.1	-	-	-	-	4.7	14.7	7.0	.8	.9	-	-	...	-	564
\$350 to \$399	20.9	-	-	-	-	.9	8.8	7.6	2.3	1.5	-	-	...	-	612
\$400 to \$449	22.8	-	-	-	-	-	5.1	11.2	2.7	2.7	.9	.3	...	-	656
\$450 to \$499	20.5	-	-	-	-	-	.8	10.1	6.9	2.4	.3	-	...	-	693
\$500 to \$599	40.8	-	-	-	-	-	-	5.7	21.5	10.7	2.5	.4	...	-	768
\$600 to \$699	31.2	-	-	-	-	-	-	-	4.6	23.6	3.0	-	...	-	893
\$700 to \$799	21.7	-	-	-	-	-	-	-	.2	12.6	8.6	.3	...	-	969
\$800 to \$899	21.5	-	-	-	-	-	-	-	-	1.8	19.4	.3	...	-	1 231
\$1,000 to \$1,249	6.7	-	-	-	-	-	-	-	-	-	6.7	2.0	...	-	1 323
\$1,250 to \$1,499	4.3	-	-	-	-	-	-	-	-	-	.3	4.0	...	-	...
\$1,500 or more	2.9	-	-	-	-	-	-	-	-	-	-	2.9	...	-	...
Not reported	45.3	-	-	-	-	-	-	-	-	-	-	-	...	45.3	...
Median	384	-	-	100	136	219	308	416	528	641	654	1 362	...	-	...
Average Monthly Cost Paid for Real Estate Taxes															
Less than \$25	39.5	1.7	6.2	5.0	4.5	3.5	6.0	3.1	1.5	3.2	2.1	.4	...	2.4	434
\$25 to \$49	129.9	1.4	27.8	14.8	14.1	12.2	12.3	13.6	11.5	9.8	2.4	-	...	10.0	415
\$50 to \$74	140.7	-	22.4	30.2	14.6	13.8	13.0	11.6	8.9	11.4	5.0	.8	...	9.2	391
\$75 to \$99	88.4	-	4.4	20.1	9.6	8.9	6.5	6.4	6.2	6.8	7.0	.5	...	7.1	468
\$100 to \$149	98.4	-	.8	18.3	11.0	9.6	9.5	9.3	7.5	13.0	11.7	1.3	...	6.5	567
\$150 to \$199	40.3	-	-	1.4	4.2	7.3	3.4	2.3	4.0	5.0	7.8	.9	...	3.9	682
\$200 or more	41.5	-	.3	2.6	2.6	4.2	2.5	2.0	6.8	7.9	6.3	6.3	...	6.2	899
Median	71	-	47	71	70	75	70	67	72	68	123	200+	...	79	...
Purchase Price															
Home purchased or built	564.5	2.4	58.3	87.5	57.8	58.3	56.8	49.0	41.5	57.5	43.4	10.3	...	41.7	495
Less than \$10,000	38.2	.9	18.5	12.2	3.8	1.5	.8	1.0	-	.3	-	-	...	1.3	209
\$10,000 to \$19,999	109.0	.3	24.1	39.5	19.5	5.7	5.5	5.2	.7	2.0	.8	.4	...	5.5	269
\$20,000 to \$29,999	68.9	-	5.0	14.5	16.6	11.5	7.9	2.8	2.0	2.8	.8	.1	...	5.1	375
\$30,000 to \$39,999	50.3	-	1.8	7.0	7.1	18.4	5.6	4.1	1.0	.7	1.2	-	...	3.4	441
\$40,000 to \$49,999	58.6	-	2.3	2.7	3.6	8.9	15.8	12.2	4.3	3.2	1.9	.8	...	3.1	565
\$50,000 to \$59,999	51.4	-	1.6	2.0	1.2	4.4	10.8	10.2	10.9	5.2	1.5	-	...	3.7	638
\$60,000 to \$69,999	50.8	-	1.4	2.2	1.0	3.2	3.6	8.0	13.0	11.2	3.6	-	...	3.8	732
\$70,000 to \$79,999	40.8	.4	1.6	.8	.3	1.1	4.0	2.0	6.0	14.9	5.7	-	...	4.0	830
\$80,000 to \$99,999	36.0	-	.2	1.5	1.3	1.4	.7	2.4	2.6	12.6	10.3	.7	...	2.3	908
\$100,000 to \$119,999	15.0	-	-	-	.6	.3	.4	-	-	3.2	7.5	1.5	...	1.4	1 148
\$120,000 to \$149,999	11.1	-	.2	-	.6	.7	.4	.7	-	1.0	6.0	1.6	...	-	1 169
\$150,000 to \$199,999	8.4	-	-	-	.3	-	.4	-	-	3.3	3.1	1.1	...	1.2	1 432
\$200,000 to \$249,999	1.9	-	-	-	-	-	.3	-	.3	-	-	.7	...	.3	...
\$250,000 to \$299,999	1.0	-	-	-	-	.2	-	-	-	-	-	.6	...	.3	...
\$300,000 or more	1.1	-	-	-	-	-	.2	-	-	-	-	.7	...	.3	...
Not reported	21.7	.7	3.7	5.0	2.2	.7	.8	-	.9	.2	1.2	.3	...	6.1	270
Median	40 844	-	14 499	17 356	22 729	35 502	45 166	49 371	61 126	72 208	91 651	150 491	...	48 105	-
Received as inheritance or gift	7.6	.3	2.0	1.8	2.3	-	.1	-	-	.3	-	-	...	.8	262
Not reported	6.7	.5	1.0	.8	.3	.6	-	-	-	.3	.4	-	...	2.9	259

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

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

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

Characteristics	Total	Less than \$30,000	\$30,000 to \$39,999	\$40,000 to \$49,999	\$50,000 to \$59,999	\$60,000 to \$79,999	\$80,000 to \$99,999	\$100,000 to \$149,999	\$150,000 to \$199,999	\$200,000 to \$249,999	\$250,000 to \$299,999	\$300,000 or more	Median
Total	578.8	31.2	16.5	25.6	53.3	202.3	122.2	82.7	28.0	6.8	3.3	7.0	76 099
Units in Structure													
1, detached.....	494.9	10.9	10.0	21.0	40.1	178.9	115.0	77.2	26.6	6.0	3.0	6.2	78 488
1, attached.....	31.4	.7	-	.7	5.5	13.1	5.2	4.1	1.2	-	.3	.6	73 362
2 to 4.....	19.2	3.2	4.9	2.5	3.5	4.0	.3	.5	-	.3	-	-	46 026
5 to 9.....	1.2	-	.1	.3	.2	.6	-	-	-	-	-	-	...
10 to 19.....	3.1	-	.9	.2	.6	.9	.3	-	-	-	-	.2	...
20 to 49.....	4.5	-	.3	.6	1.8	1.1	-	-	.2	.6	-	-	...
50 or more.....	7.7	-	.1	.1	1.7	3.5	1.3	.9	-	-	-	-	70 711
Mobile home or trailer.....	16.7	16.4	-	-	.2	.1	-	-	-	-	-	-	30000-
Year Structure Built¹													
1990 to 1994.....	-	-	-	-	-	-	-	-	-	-	-	-	...
1985 to 1989.....	7.8	.2	-	-	-	2.1	2.6	1.7	.8	-	.2	.2	91 675
1980 to 1984.....	55.4	1.8	.2	.8	5.0	15.3	12.9	12.3	3.5	2.3	1.7	.8	87 212
1975 to 1979.....	68.5	8.0	.2	.5	3.5	12.5	14.9	15.3	7.1	1.2	1.5	1.9	91 548
1970 to 1974.....	58.0	7.5	1.0	1.0	3.8	15.8	12.0	10.4	3.7	.3	-	.6	78 841
1960 to 1969.....	101.2	5.2	2.2	1.1	5.3	34.3	28.6	17.9	4.5	1.0	.6	.6	81 831
1950 to 1959.....	107.5	.5	.3	2.5	9.6	53.8	29.5	8.5	2.2	-	-	.6	75 199
1940 to 1949.....	44.1	.8	.8	3.5	5.7	19.8	7.0	4.1	1.3	.1	-	1.2	71 589
1930 to 1939.....	30.4	.5	2.4	3.8	3.0	12.3	4.9	2.2	.9	.3	-	.3	68 778
1920 to 1929.....	42.8	2.0	2.5	3.8	8.8	15.5	4.6	4.6	2.2	.3	.3	.3	68 368
1919 or earlier.....	67.2	5.0	6.8	8.7	11.0	20.9	5.2	5.7	1.9	1.2	.9	.9	62 055
Median.....	1960	1971	1926	1931	1950	1956	1963	1969	1971	1975	-	1968	...
Rooms													
1 room.....	.5	-	-	.3	-	.2	-	-	-	-	-	-	...
2 rooms.....	.1	-	-	.1	-	-	-	-	-	-	-	-	...
3 rooms.....	8.2	.9	.2	1.8	2.5	2.4	.2	.3	.3	-	-	-	55 046
4 rooms.....	52.3	6.7	4.6	4.0	10.4	19.4	4.6	1.8	.3	.3	-	-	60 379
5 rooms.....	111.2	11.3	4.4	5.5	16.2	48.5	20.0	3.8	1.4	-	-	.2	67 535
6 rooms.....	109.1	5.8	2.5	7.6	7.8	50.9	22.6	10.1	1.0	.9	-	.6	72 254
7 rooms.....	112.3	3.0	3.5	2.8	10.2	39.0	30.8	18.4	3.2	.6	.2	.2	78 810
8 rooms.....	82.4	1.8	.7	1.6	4.1	21.8	23.4	17.9	6.3	.9	1.3	.8	89 758
9 rooms.....	58.4	1.1	.3	1.0	1.3	10.7	12.8	19.4	5.9	1.8	.3	1.9	102 805
10 rooms or more.....	46.2	.9	.3	.9	.9	9.7	7.6	11.2	7.6	2.3	1.5	3.3	112 510
Median.....	6.6	5.2	5.3	5.6	5.3	6.1	6.9	7.9	8.4	8.9	-	9.4	...
Bedrooms													
None.....	.6	-	-	.4	-	.2	-	-	-	-	-	-	...
1.....	20.1	1.9	3.2	3.6	3.8	5.5	1.2	.2	.3	.3	-	.2	53 659
2.....	161.6	11.7	6.7	12.2	27.5	63.0	27.1	9.6	2.9	.6	-	.3	67 186
3.....	251.9	14.7	4.1	6.0	17.1	99.1	58.6	36.6	10.1	2.0	1.4	2.3	76 954
4 or more.....	144.6	2.8	2.6	3.3	4.9	34.5	35.3	36.3	14.7	4.0	1.9	4.2	93 703
Median.....	2.9	2.8	2.3	2.2	2.3	2.8	3.1	3.4	3.5+	3.5+	-	3.5+	...
Complete Bathrooms													
None.....	1.5	.2	-	1.1	.1	-	-	-	-	-	-	-	...
1.....	230.5	19.5	13.6	19.3	38.1	98.0	31.8	8.3	1.7	.6	-	.4	65 071
1 and one-half.....	144.1	5.4	1.4	3.1	10.1	59.8	39.0	18.8	5.4	.8	.2	.4	77 459
2 or more.....	202.6	6.1	1.5	2.1	5.0	44.7	51.5	55.6	20.9	5.6	3.1	6.5	96 288
Main Heating Equipment													
Warm-air furnace.....	454.9	26.0	8.6	16.4	38.8	162.1	103.3	66.0	21.1	4.8	2.8	5.0	76 981
Steam or hot water system.....	87.7	2.4	6.0	5.7	11.5	26.6	15.3	11.5	5.4	1.5	.3	1.5	73 738
Electric heat pump.....	3.2	.6	-	-	-	1.5	.2	1.0	-	-	-	-	...
Built-in electric units.....	6.3	.3	-	.3	.6	2.3	1.6	.7	.3	.3	-	-	77 469
Floor, wall, or other built-in hot air units without ducts.....	1.1	.3	-	.3	-	.3	-	.3	-	-	-	-	...
Room heaters with flue.....	5.0	1.0	.5	1.4	.1	.7	.5	-	-	.3	-	.4	...
Room heaters without flue.....	-	-	-	-	-	-	-	-	-	-	-	-	...
Portable electric heaters.....	-	-	-	-	-	-	-	-	-	-	-	-	...
Stoves.....	12.9	.3	1.1	.6	2.1	5.6	.7	1.3	1.1	-	-	-	68 253
Fireplaces with inserts.....	2.2	.3	.3	.3	.2	.5	-	.6	-	-	-	-	...
Fireplaces without inserts.....	.3	-	-	-	-	.3	-	-	-	-	-	-	...
Other.....	4.7	-	-	.6	-	2.0	.5	1.2	-	-	.2	.2	...
None.....	.3	-	-	-	-	.3	-	-	-	-	-	-	...
Source of Water													
Public system or private company.....	481.0	25.5	12.7	22.2	47.2	177.3	103.1	62.2	19.8	4.3	2.4	4.4	74 995
Well serving 1 to 5 units.....	97.2	5.7	3.8	3.4	6.2	24.9	18.5	20.5	8.2	2.5	.9	2.6	85 016
Drilled.....	92.1	4.6	3.2	3.4	5.5	24.3	18.0	19.8	8.2	1.6	.9	2.8	85 625
Dug.....	2.3	.4	.3	-	.5	-	-	.7	-	.3	-	-	...
Not reported.....	2.9	.7	.3	-	.1	.6	-	-	-	.6	-	-	...
Other.....	.6	-	-	-	-	-	.6	-	-	-	-	-	...
Means of Sewage Disposal													
Public sewer.....	489.9	26.5	13.0	22.1	47.5	179.2	105.2	64.0	20.4	4.9	2.4	4.7	75 170
Septic tank, cesspool, chemical toilet.....	88.9	4.7	3.5	3.5	5.9	23.1	16.9	18.7	7.5	1.9	.9	2.3	84 512
Other.....	-	-	-	-	-	-	-	-	-	-	-	-	...
Main House Heating Fuel													
Housing units with heating fuel.....	578.5	31.2	16.5	25.6	53.3	201.9	122.2	82.7	28.0	6.8	3.3	7.0	76 109
Electricity.....	16.8	1.4	-	.3	.8	5.7	3.4	3.6	1.0	.3	.3	-	80 799
Piped gas.....	467.8	25.6	11.6	20.0	43.6	168.4	102.2	62.7	20.7	5.2	2.8	5.1	75 819
Bottled gas.....	19.2	1.4	.7	.9	.8	4.9	3.4	4.1	1.6	1.0	-	.2	84 426
Fuel oil.....	45.8	2.2	2.3	2.3	4.2	14.0	9.7	6.6	2.7	.3	-	1.5	77 067
Kerosene or other liquid fuel.....	.4	-	-	-	-	.1	-	.3	-	-	-	-	...
Coal or coke.....	-	-	-	-	-	-	-	-	-	-	-	-	...
Wood.....	26.7	.6	1.9	2.0	4.0	8.6	3.1	4.4	2.1	-	-	-	71 372
Solar energy.....	.6	-	-	-	-	.2	-	.5	-	-	-	-	...
Other.....	1.2	-	-	-	-	-	.3	.5	-	-	.2	.2	...

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

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

Table with 13 columns: 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. Rows include Cooking Fuel, Persons, Household Composition by Age of Householder, Own Never Married Children Under 18 Years Old, Income of Families and Primary Individuals, and Monthly Housing Costs.

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

[Numbers in thousands. ... 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
Monthly Housing Costs as Percent of Income													
Less than 5 percent	17.2	.7	.3	1.0	1.0	5.4	4.0	2.8	.8	.2	.6	.4	81 072
5 to 9 percent	80.9	3.4	2.1	2.0	5.0	26.3	23.4	11.8	4.8	.8	-	1.5	81 483
10 to 14 percent	101.0	4.0	1.2	3.7	9.7	38.2	21.0	15.9	4.8	1.3	.3	1.1	76 730
15 to 19 percent	95.3	6.2	1.8	3.1	7.8	36.4	19.9	12.6	4.8	1.0	.8	.9	75 824
20 to 24 percent	77.0	4.9	3.0	3.3	7.4	29.3	13.6	10.9	2.4	1.8	-	.3	73 581
25 to 29 percent	53.8	2.8	1.0	1.9	6.5	17.9	11.8	7.9	2.1	.6	.4	.7	76 261
30 to 34 percent	39.3	1.7	1.3	1.5	4.1	16.2	5.7	6.6	1.4	-	.3	.5	73 697
35 to 39 percent	21.8	.7	1.0	1.3	3.7	5.7	4.3	3.6	1.1	.2	-	.2	74 694
40 to 49 percent	25.2	1.3	1.1	4.3	2.2	7.7	3.9	3.8	.8	-	.3	-	69 895
50 to 59 percent	9.1	1.3	.9	.3	1.1	2.1	2.2	.4	.3	-	-	.3	68 297
60 to 69 percent	3.1	.8	.3	-	.5	.8	.4	.3	-	-	-	-	...
70 percent or more	8.0	1.6	-	1.2	.8	2.5	1.9	.6	-	-	-	.5	66 913
Zero or negative income	1.2	-	-	-	-	-	.7	.3	.2	-	-	-	...
No cash rent	...	-	-	-	-	-	-	-	-	-	-	-	...
Mortgage payment not reported	45.2	1.8	2.5	2.0	3.5	13.8	9.3	5.4	4.4	.9	.6	.8	78 330
Median (excludes 3 previous lines)	19	20	23	23	21	18	17	10	16	19	...	16	...
Monthly Payment for Principal and Interest													
Less than \$100	25.2	.3	1.5	1.0	.7	14.1	6.0	1.3	-	.3	-	-	72 849
\$100 to \$199	58.8	4.8	.8	2.5	3.8	24.1	11.7	7.1	1.3	-	-	.6	73 586
\$200 to \$249	31.8	3.3	.6	2.2	2.9	10.7	6.0	5.8	.3	-	-	-	72 879
\$250 to \$299	25.0	1.6	.3	1.5	3.1	9.0	4.0	4.5	.3	.6	-	-	73 148
\$300 to \$349	28.1	1.1	1.0	2.1	3.7	8.3	7.7	2.8	1.1	-	.3	-	74 936
\$350 to \$399	20.9	.9	.6	.9	2.0	6.7	4.8	4.1	.6	.2	-	-	77 937
\$400 to \$449	22.8	-	.4	2.0	3.8	6.1	5.6	2.9	1.0	-	.3	.6	76 737
\$450 to \$499	20.5	1.0	.9	.9	3.4	8.8	3.7	1.5	.9	-	-	-	70 495
\$500 to \$599	40.8	.5	.6	1.0	5.2	17.4	7.5	5.7	2.7	-	-	.3	75 081
\$600 to \$699	31.2	1.6	.3	.1	.3	13.2	8.5	5.8	.5	.3	.3	.3	80 279
\$700 to \$799	21.7	.4	.3	-	.2	7.6	7.8	4.7	.9	-	-	-	86 272
\$800 to \$999	21.5	-	.3	-	.3	2.7	4.9	10.8	1.8	.3	-	.6	111 831
\$1,000 to \$1,249	6.7	.1	-	-	-	.7	4.8	2.1	.2	.3	.3	.6	137 138
\$1,250 to \$1,499	4.3	-	-	-	-	-	-	1.1	1.4	1.5	.3	-	...
\$1,500 or more	2.9	.2	-	-	-	-	.8	.7	.2	.2	.4	.7	...
Not reported	45.3	1.8	2.5	2.0	3.5	13.8	9.3	5.4	4.6	.9	.6	.8	78 449
Median	384	242	320	297	361	338	390	532	578	...	...	...	...
Average Monthly Cost Paid for Real Estate Taxes													
Less than \$25	39.5	18.4	2.7	2.8	3.8	4.7	3.2	2.5	.6	.6	-	-	35 139
\$25 to \$49	129.9	5.2	5.3	12.9	23.9	63.6	13.9	3.8	.7	-	-	.3	65 514
\$50 to \$74	140.7	1.7	4.1	6.3	14.5	72.5	31.9	7.9	1.7	.2	-	-	72 075
\$75 to \$99	88.4	.9	3.1	2.3	7.9	30.5	29.8	10.1	3.3	.6	-	-	79 696
\$100 to \$149	98.4	1.1	.4	.9	2.1	25.0	33.8	29.1	4.9	.6	-	.3	91 580
\$150 to \$199	40.3	1.8	.6	.2	.6	3.8	6.6	21.1	4.0	1.1	.5	-	115 506
\$200 or more	41.5	1.9	.3	.3	.3	1.9	3.0	8.2	12.7	3.8	2.8	6.4	169 386
Median	71	25	51	44	49	61	85	129	184	200+	...	200+	...
Purchase Price													
Home purchased or built	584.5	30.1	14.6	24.2	51.7	198.7	120.4	80.8	27.1	6.5	3.3	7.0	76 270
Less than \$10,000	38.2	7.9	4.1	5.8	4.1	10.1	4.3	.9	.6	-	-	.3	53 130
\$10,000 to \$19,999	109.0	10.7	2.4	4.5	10.8	52.4	22.2	4.2	1.8	-	-	-	69 928
\$20,000 to \$29,999	68.9	4.2	1.9	2.1	6.3	27.7	16.4	9.0	1.2	-	-	-	74 278
\$30,000 to \$39,999	50.3	1.0	1.9	3.7	5.7	17.9	11.4	8.0	2.1	.3	-	.3	74 399
\$40,000 to \$49,999	58.6	1.3	1.3	5.7	9.8	17.1	10.4	9.8	2.5	-	-	.7	73 090
\$50,000 to \$59,999	51.4	.2	.6	.8	12.5	21.8	8.8	4.8	1.6	.3	-	-	70 688
\$60,000 to \$69,999	50.8	.5	.6	.6	.6	28.4	10.5	6.2	2.2	.6	.6	-	76 253
\$70,000 to \$79,999	40.8	.7	.3	-	-	16.0	15.9	5.9	1.3	.5	-	.3	84 358
\$80,000 to \$99,999	36.0	1.3	.1	-	.3	.3	16.2	14.5	2.1	.5	-	.6	99 644
\$100,000 to \$119,999	15.0	.4	-	-	.2	-	.6	11.8	.8	.3	.3	.6	126 472
\$120,000 to \$149,999	11.1	.3	-	-	-	.3	-	4.2	.9	.9	.3	.9	159 050
\$150,000 to \$199,999	8.4	-	-	-	-	-	-	4.7	.8	.3	.6	.6	189 489
\$200,000 to \$249,999	1.9	-	-	-	-	-	-	-	-	-	-	-	...
\$250,000 to \$299,999	1.0	-	-	-	-	-	-	-	-	-	-	-	...
\$300,000 or more	1.1	-	-	-	-	.2	-	-	-	-	-	1.0	...
Not reported	21.7	1.5	.9	.9	1.4	6.5	3.6	3.0	2.1	-	.3	1.2	77 764
Median	40 844	15 984	20 652	26 159	36 840	33 261	43 957	66 756	73 926	147 468	...	122 488	...
Received as inheritance or gift	7.6	.8	.9	.6	1.3	1.4	.8	1.1	.7	-	-	-	63 482
Not reported	6.7	.3	.9	.8	.3	2.2	.9	.7	.2	.3	-	-	68 651

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

Table 4-1. Introductory Characteristics - Renter Occupied Units

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

Characteristics	Total occupied units	Housing unit characteristics				Household characteristics					Selected subareas ¹		
		New construction 4 yrs	Mobile homes	Physical problems		Black	Hispanic	Elderly (65+)	Moved in past year	Below poverty level	Area one	Area two	Area three
				Severe	Moderate								
Total	277.0	15.7	.7	4.6	13.2	13.4	4.8	46.3	126.1	46.2	84.9	48.6	63.8
Tenure													
Owner occupied.....	...	...	...	...	...	...	...	...	...	...	...	...	...
Percent of all occupied.....	...	...	...	...	...	...	...	...	...	...	...	...	...
Renter occupied.....	277.0	15.7	.7	4.6	13.2	13.4	4.8	46.3	126.1	46.2	84.9	48.6	63.8
Race and Origin													
White.....	254.7	15.3	.4	4.0	11.8	-	3.8	44.8	116.1	36.8	72.0	43.1	62.3
Non-Hispanic.....	250.8	14.8	.4	3.9	11.5	-	-	44.8	113.7	36.0	71.5	41.5	61.5
Hispanic.....	3.8	.5	-	.1	.3	-	3.8	-	2.4	.9	.5	1.5	.7
Black.....	13.4	.4	-	.7	.7	13.4	.3	.9	6.3	5.2	9.0	2.8	1.0
Other.....	9.0	-	.3	-	.7	-	.7	.5	3.7	4.1	3.9	2.8	.6
Total Hispanic.....	4.8	.5	-	.1	.3	.3	4.8	-	3.0	1.6	1.0	1.8	.7
Units in Structure													
1, detached.....	31.9	-	...	.7	3.8	.8	1.3	1.4	18.9	3.7	10.3	3.7	5.7
1, attached.....	24.6	5.7	...	.2	.6	1.0	.5	1.2	11.0	4.1	3.9	2.9	6.6
2 to 4.....	59.5	.9	...	.6	4.5	3.5	1.0	5.9	25.9	13.0	27.0	15.0	5.2
5 to 9.....	19.0	.6	...	.8	1.0	.3	.7	2.6	8.1	3.5	5.4	5.1	4.2
10 to 19.....	44.4	1.9	...	1.1	1.5	3.1	.8	6.4	21.9	5.8	11.2	9.7	11.8
20 to 49.....	48.6	2.7	...	1.1	1.1	2.7	.1	10.7	21.3	6.1	11.4	7.3	14.3
50 or more.....	48.1	4.0	...	.1	.7	1.9	.4	17.9	18.8	10.2	15.8	4.9	16.0
Mobile home or trailer.....	.7	-	.7	-	-	-	-	.2	.2	-	-	-	-
Cooperatives and Condominiums													
Cooperatives.....	1.4	.2	-	-	.2	.2	-	-	.7	-	.5	.3	-
Condominiums.....	9.6	2.6	-	-	.2	.3	.8	1.4	5.8	-	.7	1.4	4.5
Year Structure Built²													
1990 to 1994.....	-	-	-	-	-	-	-	-	-	-	-	-	-
1985 to 1989.....	3.2	3.2	-	-	.2	-	-	-	3.2	.4	-	.2	1.1
1980 to 1984.....	22.2	12.5	.2	-	.5	.4	.5	5.4	9.3	3.6	2.1	2.0	5.5
1975 to 1979.....	30.3	...	.2	.5	.5	2.2	.3	9.6	11.7	7.5	5.2	3.4	8.8
1970 to 1974.....	35.9	...	.3	.1	.7	1.5	...	6.2	16.3	3.4	8.5	3.6	10.7
1960 to 1969.....	75.1	...	-	.7	2.8	4.3	.7	14.9	33.4	10.6	17.1	11.3	25.1
1950 to 1959.....	22.4	...	-	.4	1.1	.3	...	1.2	9.7	4.6	5.0	3.0	9.1
1940 to 1949.....	7.7	...	-	.4	1.0	-	...	1.1	2.9	.3	2.1	2.0	1.3
1930 to 1939.....	33.4	...	-	1.4	1.1	2.7	...	2.5	18.5	6.6	20.1	8.0	1.7
1920 to 1929.....	16.1	...	-	.4	2.0	.5	...	1.4	8.8	1.5	9.4	4.5	-
1919 or earlier.....	30.8	...	-	.6	3.1	1.5	...	3.9	12.2	7.6	15.3	10.7	.5
Median.....	1964	...	...	...	1943	1964	...	1969	1963	1962	1939	1946	1968
Statistical Areas													
Current units, in 1970 boundaries of MSA.....	262.8	13.1	.4	4.4	12.4	13.4	4.0	42.4	119.9	43.8	84.9	48.6	63.8
1970 central city(s).....	133.5	3.5	-	2.7	8.3	11.7	2.7	24.4	58.0	30.0	84.9	48.6	-
1970 balance of MSA.....	129.3	9.6	.4	1.8	4.1	1.6	1.3	18.1	61.8	13.7	-	-	63.8
Current units, in 1983 boundaries of MSA.....	277.0	15.7	.7	4.6	13.2	13.4	4.8	46.3	126.1	46.2	84.9	48.6	63.8
1983 central city(s).....	133.5	3.5	-	2.7	8.3	11.7	2.7	24.4	58.0	30.0	84.9	48.6	-
1983 balance of MSA.....	143.5	12.2	.7	1.9	4.9	1.6	2.1	21.9	68.0	16.2	-	-	63.8

¹See back cover for details.

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

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

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

Characteristics	Total occupied units	Housing unit characteristics				Household characteristics					Selected subareas ¹		
		New construction 4 yrs	Mobile homes	Physical problems		Black	Hispanic	Elderly (65+)	Moved in past year	Below poverty level	Area one	Area two	Area three
				Severe	Moderate								
Total	277.0	15.7	.7	4.6	13.2	13.4	4.8	46.3	126.1	46.2	64.9	48.6	63.8
Stories in Structure													
1.....	4.8	.9	.7	-	-	-	-	1.4	2.9	.6	-	.3	1.2
2.....	58.2	7.0	-	1.2	3.5	1.6	1.4	4.5	27.9	8.5	10.3	5.4	14.0
3.....	157.1	5.1	-	2.3	8.5	8.6	2.5	20.6	72.5	25.3	50.8	33.3	34.1
4 to 6.....	39.6	2.2	-	1.0	1.2	2.2	.7	8.5	18.0	5.8	14.0	6.0	12.2
7 or more.....	17.3	.7	-	.1	-	.9	.2	11.3	3.8	6.2	9.9	3.7	2.3
Stories Between Main and Apartment Entrances													
Multiunits, 2 or more floors.....	218.1	9.1	...	3.7	8.7	11.5	3.1	42.4	94.8	37.9	70.7	41.9	51.2
None (on same floor).....	52.6	3.3	...	.6	3.3	2.4	.8	7.7	22.0	11.2	17.4	9.4	13.0
1 (up or down).....	93.4	4.3	...	1.4	4.5	5.0	1.6	15.2	43.6	15.3	30.8	17.7	21.1
2 or more (up or down).....	69.7	1.8	...	1.6	.9	3.7	.6	19.4	27.8	11.0	21.3	14.4	16.6
Not reported.....	2.4	-	...	.2	-	.4	-	.2	1.4	.3	1.3	.3	.5
Common Stairways													
Multiunits, 2 or more floors.....	218.1	9.1	...	3.7	8.7	11.5	3.1	42.4	94.8	37.9	70.7	41.9	51.2
No common stairways.....	28.2	.9	...	.2	1.6	1.4	.2	2.7	11.7	5.6	7.6	7.8	5.4
With common stairways.....	187.8	8.3	...	3.6	7.0	9.9	2.6	39.6	82.3	32.2	62.4	33.8	45.1
No loose steps.....	177.3	8.3	...	3.3	5.8	9.2	2.8	38.5	77.1	30.4	57.3	39.2	42.0
Railings not loose.....	168.1	8.1	...	2.8	5.0	8.9	2.3	37.2	72.8	28.0	54.4	31.8	39.0
Railings loose.....	3.1	.2	...	.4	.1	.2	.1	.2	1.1	.8	1.2	.3	.8
No railings.....	4.8	-	...	-	.7	-	.2	.8	2.1	1.0	1.3	1.0	1.7
Status of railings not reported.....	1.4	-	...	.2	-	.2	.3	1.1	.6	.3	.3	.1	.5
Loose steps.....	9.9	-	...	.3	1.1	.6	-	.8	5.2	1.7	4.8	.6	3.1
Railings not loose.....	7.4	-	...	.1	.5	.3	-	.6	3.9	1.3	3.1	.6	2.5
Railings loose.....	.9	-	...	.2	.1	.2	-	-	.6	.3	.7	-	.4
No railings.....	1.3	-	...	-	.3	.2	-	-	.6	.1	.9	-	.4
Status of railings not reported.....	.3	-	...	-	.2	-	-	.1	.2	-	-	-	.2
Status of steps not reported.....	.6	-	...	-	-	-	-	.3	-	-	.3	-	.7
Status of stairways not reported.....	2.2	-	...	-	.1	.2	.2	.1	.9	.1	.7	.3	.7
Light Fixtures in Public Halls													
2 or more units in structure.....	219.8	10.0	...	3.7	8.7	11.5	3.1	43.4	96.0	38.4	70.7	42.0	51.5
No public halls.....	34.9	1.3	...	.2	1.9	1.5	.2	3.4	18.3	6.1	10.6	8.1	6.6
No light fixtures in public halls.....	.2	-	...	-	-	-	-	-	-	-	.2	-	-
All in working order.....	142.4	8.0	...	1.3	4.3	7.6	1.7	34.4	60.5	23.5	40.0	23.9	35.9
Some in working order.....	7.5	.7	...	1.0	.6	1.2	.1	1.4	3.8	1.9	5.3	1.7	-
None in working order.....	.3	-	...	-	-	.2	.2	-	.3	.2	.3	-	-
Unable to determine if working.....	32.6	-	...	1.3	1.8	.6	.9	4.2	13.8	5.9	12.8	8.2	8.9
Not reported.....	1.9	-	...	-	.1	.5	-	-	1.2	.8	1.5	.1	.1
Elevator on Floor													
Multiunits, 2 or more floors.....	218.1	9.1	...	3.7	8.7	11.5	3.1	42.4	94.8	37.9	70.7	41.9	51.2
With 1 or more elevators working.....	46.5	5.7	...	.3	.2	1.9	.4	20.1	18.6	9.5	15.7	4.4	14.5
With elevator, none in working condition.....	.8	.2	...	-	-	-	-	.1	.5	.3	.1	.1	.2
No elevator.....	168.6	3.2	...	3.5	8.6	9.5	2.5	22.0	76.3	27.9	54.1	37.1	35.6
Units 3 or more floors from main entrance.....	5.0	-	...	-	.2	-	-	.5	2.1	.3	1.0	1.7	.4
Foundation													
1 unit bldg. excl. mobile homes.....	56.5	5.7	...	.9	4.4	1.8	1.7	2.7	29.9	7.9	14.1	6.8	12.3
With basement under all of building.....	38.0	3.2	...	.3	3.8	1.7	1.3	.8	20.4	5.4	11.5	5.6	8.8
With basement under part of building.....	8.9	.8	...	.4	.6	.2	-	.8	4.8	.7	2.5	.3	1.5
With crawf space.....	1.9	-	...	.1	-	-	-	.5	1.0	.3	.2	-	.5
On concrete slab.....	6.4	1.3	...	-	-	-	.5	.3	3.1	1.4	-	.7	1.2
Other.....	1.2	.4	...	-	-	-	-	.2	.8	-	-	-	.4
External Building Conditions²													
Segging roof.....	.5	-	...	-	-	-	-	-	.4	.1	-	.4	.1
Missing roofing material.....	1.4	-	...	-	.1	-	-	-	1.1	.6	.6	.2	.6
Hole in roof.....	.6	-	...	-	-	-	-	-	.3	-	.5	-	-
Could not see roof.....	41.8	1.7	...	1.2	1.4	4.1	.2	9.9	15.7	7.2	30.9	.2	9.3
Missing bricks, siding, other outside wall material.....	4.3	.2	...	.4	.8	.7	-	.2	1.8	1.4	2.1	.9	.8
Stopping outside walls.....	.1	-	...	-	-	-	-	-	.1	-	.1	-	-
Boarded up windows.....	1.8	-	...	-	-	.3	-	.2	1.5	.6	1.3	.2	.1
Broken windows.....	4.1	-	...	.9	-	.7	-	-	1.6	1.3	2.5	.9	.1
Bars on windows.....	.2	-	...	-	-	-	-	-	.2	-	.2	-	-
Foundation crumbling or has open crack or hole.....	7.0	-	...	.6	.8	.5	-	.2	3.1	1.9	4.6	1.6	.1
Could not see foundation.....	18.6	1.3	...	.5	1.1	1.6	.4	4.4	7.7	1.8	17.2	.3	.9
None of the above.....	216.9	13.8	...	2.3	10.2	8.1	4.2	35.6	98.7	35.4	44.1	45.6	52.4
Could not observe or not reported.....	4.2	-	...	-	.1	-	.2	.3	3.4	.5	.7	.5	.9
Site Placement													
Mobile homes.....	.7	-	...	.7	-	-	-	.2	.2	-	-	-	-
First site.....	.7	-	...	-	-	-	-	.2	.2	-	-	-	-
Moved from another site.....	-	-	...	-	-	-	-	-	-	-	-	-	-
Don't know.....	-	-	...	-	-	-	-	-	-	-	-	-	-
Not reported.....	-	-	...	-	-	-	-	-	-	-	-	-	-
Previous Occupancy													
Unit built 1980 or later.....	25.4	15.7	...	.2	.7	.4	.5	5.4	12.5	4.0	2.1	2.2	6.6
Not previously occupied.....	7.7	5.8	...	.2	.4	.2	-	1.9	4.3	.9	1.1	.8	1.3
Not reported.....	7.0	4.0	...	-	.3	-	-	1.9	2.7	.9	1.0	.7	3.2

¹See back cover for details.

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

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

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

Characteristics	Total occupied units	Housing unit characteristics				Household characteristics					Selected subareas ¹		
		New construction 4 yrs	Mobile homes	Physical problems		Black	Hispanic	Elderly (65+)	Moved in past year	Below poverty level	Area one	Area two	Area three
				Severe	Moderate								
Total	277.0	15.7	.7	4.6	13.2	13.4	4.8	46.3	126.1	46.2	84.9	48.6	63.8
Rooms													
1 room.....	3.7	-	-	.7	-	-	.4	.3	1.8	1.6	1.9	.8	.7
2 rooms.....	9.4	-	-	.2	-	1.4	.2	2.6	5.3	2.6	6.9	1.3	.3
3 rooms.....	88.8	4.3	-	1.5	2.1	4.9	.8	22.2	36.2	15.6	27.7	14.7	23.0
4 rooms.....	89.8	4.4	-	.9	4.8	3.0	1.9	13.8	41.7	11.8	20.4	17.3	22.8
5 rooms.....	42.5	4.2	.5	.8	1.7	1.5	.7	5.1	20.5	7.8	14.8	8.7	7.0
6 rooms.....	25.8	1.8	-	.3	2.2	2.6	.5	1.5	10.6	4.4	9.1	3.1	6.5
7 rooms.....	9.3	.9	.2	-	.4	-	-	.4	5.4	.6	2.0	1.3	2.1
8 rooms.....	3.6	-	-	.3	.1	-	-	-	1.6	.7	.9	.6	.7
9 rooms.....	2.2	-	-	-	.6	-	-	.2	.5	-	-	.3	.3
10 rooms or more.....	3.5	-	-	-	1.2	-	.3	.3	2.4	1.1	1.3	.5	.3
Median.....	3.9	4.3	-	-	4.4	3.6	-	3.4	4.0	3.8	3.8	3.9	3.8
Bedrooms													
None.....	11.6	-	-	1.1	-	1.1	.5	2.4	6.0	3.3	7.8	2.1	.9
1.....	113.8	5.2	-	1.5	2.9	6.4	1.6	27.4	49.2	19.8	39.6	19.7	27.7
2.....	110.5	7.8	.2	1.3	5.7	4.0	1.6	15.0	50.5	16.5	25.7	20.9	26.3
3.....	32.8	2.5	.5	.7	2.4	1.8	.9	1.0	16.6	5.3	8.8	5.1	8.2
4 or more.....	6.4	.2	-	-	2.1	-	.1	.5	3.8	1.3	2.9	.8	.8
Median.....	1.6	1.8	-	-	2.1	1.4	-	1.3	1.7	1.5	1.4	1.6	1.6
Complete Bathrooms													
None.....	1.7	-	-	1.0	.1	-	.1	.4	.8	.7	.6	.7	-
1.....	233.6	9.8	-	3.2	11.0	12.4	3.6	41.1	103.5	41.8	78.6	42.5	49.4
1 and one-half.....	22.4	2.5	.2	.3	.7	.6	.6	2.0	11.4	2.3	4.3	3.0	5.6
2 or more.....	19.3	3.4	.5	.1	1.3	.4	.5	2.8	10.4	1.4	1.4	2.5	8.8
Square Footage of Unit													
Single detached and mobile homes.....	32.6	-	.7	.7	3.8	.8	1.3	1.6	19.1	3.7	10.3	3.7	5.7
Less than 500.....	.3	-	-	-	-	-	-	-	.3	.2	-	-	-
500 to 749.....	1.1	-	-	-	-	-	-	-	1.1	.2	-	.3	.3
750 to 999.....	2.4	-	-	.1	.4	-	-	.1	1.1	.2	.7	.3	.5
1,000 to 1,499.....	7.1	-	.2	.2	.7	.2	.8	.5	3.5	1.2	2.8	.8	1.7
1,500 to 1,999.....	8.5	-	.5	.3	.8	.3	.1	.5	5.0	.2	2.1	1.7	.7
2,000 to 2,499.....	7.0	-	-	.2	.6	.2	.3	.2	4.6	.8	2.4	.5	1.5
2,500 to 2,999.....	3.7	-	-	.7	.7	.2	.3	.3	2.2	.9	1.8	-	.2
3,000 to 3,999.....	1.7	-	-	-	1	-	-	-	1.0	-	.3	.1	.5
4,000 or more.....	.6	-	-	-	.3	-	-	-	.3	.3	.2	-	-
Not reported.....	.3	-	-	-	-	-	-	-	-	-	-	-	.3
Median.....	1 810	-	-	-	-	-	-	-	1 858	-	1 892	-	1 592
Lot Size													
Less than one-eighth acre.....	7.8	.2	.3	-	.9	-	.5	-	3.7	.9	3.0	1.9	1.1
One-eighth up to one-quarter acre.....	5.8	.4	.2	-	-	-	.5	.7	2.9	1.1	1.9	.5	1.1
One-quarter up to one-half acre.....	3.1	-	-	.3	.2	-	-	-	1.8	-	-	.5	.2
One-half up to one acre.....	1.5	-	-	-	.4	-	-	-	1.0	-	-	.1	.7
1 to 4 acres.....	2.6	-	-	.1	.5	-	-	.1	1.2	-	.1	.1	.2
5 to 9 acres.....	1.0	.5	-	-	.2	-	-	.2	.5	-	-	-	.5
10 acres or more.....	1.2	-	-	-	.2	-	-	-	.8	.2	-	-	.2
Don't know.....	32.7	4.7	.2	.3	2.1	1.7	.8	1.8	17.5	5.4	8.9	3.3	7.8
Not reported.....	1.6	-	-	.2	-	.2	-	-	.8	.4	.2	.2	.8
Median.....	.21	.23	-	-	-	-	-	-	.22	.15	.13	.13	.22
Persons Per Room													
0.50 or less.....	192.8	10.4	.5	2.6	6.3	7.0	2.5	43.8	79.9	28.1	64.5	31.7	44.8
0.51 to 1.00.....	79.9	5.1	.2	1.9	6.2	6.0	2.3	2.5	44.6	16.5	19.6	14.9	18.5
1.01 to 1.50.....	3.3	.2	-	.1	.3	.2	-	-	1.2	1.4	.5	1.4	.5
1.51 or more.....	1.0	-	-	-	.3	.2	-	-	.4	.3	.3	.7	-
Square Feet Per Person													
Single detached and mobile homes.....	32.6	-	.7	.7	3.8	.8	1.3	1.6	19.1	3.7	10.3	3.7	5.7
Less than 200.....	.9	-	-	-	-	-	-	-	.7	.4	.4	-	.5
200 to 299.....	2.5	-	-	-	.5	-	.3	-	1.7	.2	.8	.3	.3
300 to 399.....	5.2	-	-	.4	.4	.3	.3	.1	3.1	.6	.6	1.5	.7
400 to 499.....	4.9	-	.2	-	1.0	-	.5	-	2.8	.3	.7	.5	1.0
500 to 599.....	3.2	-	-	-	.3	-	-	-	2.5	.2	.9	.2	.8
600 to 699.....	3.0	-	.2	-	.2	.4	.2	.2	1.8	.3	1.5	.3	.3
700 to 799.....	1.8	-	-	.3	.5	.2	-	.3	.5	.2	.5	.3	.4
800 to 899.....	1.8	-	-	.4	.4	-	-	.1	1.1	.3	.8	-	.2
900 to 999.....	2.9	-	-	-	.4	-	-	.4	2.0	.2	1.3	.6	.3
1,000 to 1,499.....	3.1	-	-	-	.1	-	-	.3	1.6	-	1.2	-	.3
1,500 or more.....	3.1	-	.3	-	-	-	-	.2	1.3	1.2	1.6	-	.5
Not reported.....	.3	-	-	-	-	-	-	-	-	-	-	-	.3
Median.....	584	-	-	-	-	-	-	-	553	-	759	-	517

¹See back cover for details.

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

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

Characteristics	Total occupied units	Housing unit characteristics				Household characteristics					Selected subareas ¹		
		New construction 4 yrs	Mobile homes	Physical problems		Black	Hispanic	Elderly (65+)	Moved in past year	Below poverty level	Area one	Area two	Area three
				Severe	Moderate								
Total	277.0	15.7	.7	4.6	13.2	13.4	4.8	46.3	126.1	46.2	84.9	48.6	63.8
Equipment²													
Lacking complete kitchen facilities.....	2.6	.2	-	.9	1.7	.3	.1	.3	1.1	1.0	1.3	.4	-
With complete kitchen (sink, refrigerator and burners).....	274.4	15.5	.7	3.8	11.4	13.0	4.7	46.0	124.9	45.2	83.6	48.2	63.8
Sink.....	275.0	15.5	.7	3.9	12.0	13.0	4.7	46.0	124.9	45.3	83.9	48.2	63.8
Refrigerator.....	276.6	15.7	.7	4.2	13.2	13.4	4.7	46.3	125.9	45.8	84.6	48.5	63.8
Less than 5 years old.....	86.4	11.5	-	.6	2.7	4.4	1.4	8.3	36.4	13.3	18.9	13.8	14.1
Age not reported.....	18.7	.7	-	.2	.3	.9	-	1.0	11.8	2.7	6.3	1.8	5.1
Burners and oven.....	275.7	15.7	.7	3.9	12.6	13.4	4.7	46.3	125.8	45.5	84.3	48.3	63.8
Less than 5 years old.....	46.6	11.8	.2	.4	1.0	3.7	1.1	6.6	26.8	10.7	9.9	10.6	9.5
Age not reported.....	16.6	.7	-	.2	.2	.8	-	.5	10.5	2.2	4.9	1.5	5.3
Burners only.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Less than 5 years old.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Age not reported.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Oven only.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Less than 5 years old.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Age not reported.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Neither burners nor oven.....	1.3	-	-	.7	.5	-	.1	-	.3	.7	.6	.3	-
Dishwasher.....	81.8	12.2	.2	.3	2.1	1.7	1.3	13.0	39.1	5.6	8.5	8.9	30.4
Less than 5 years old.....	23.3	9.4	.2	-	1.0	.2	.8	2.2	13.2	1.8	1.7	3.8	7.1
Age not reported.....	6.8	.5	-	-	-	.3	-	.2	4.9	.4	1.2	.2	3.2
Clothes washer.....	66.1	7.9	.5	.7	5.8	2.0	1.7	5.9	30.0	9.8	15.1	11.2	15.7
Less than 5 years old.....	27.3	6.4	.2	.3	1.3	.8	.9	1.2	13.3	3.3	3.9	4.2	8.1
Age not reported.....	1.9	.2	-	-	-	.2	-	.2	1.1	.3	1.0	-	-
Clothes dryer.....	63.4	7.9	.5	.8	5.3	1.7	1.6	4.8	29.4	7.5	13.4	10.1	15.9
Less than 5 years old.....	26.5	6.4	.2	.4	1.3	.8	.8	1.4	13.4	1.8	3.8	3.1	7.9
Age not reported.....	1.2	.2	-	-	-	.2	-	.7	-	-	.6	-	-
Disposal in sink.....	102.2	11.3	.2	.7	2.0	3.5	2.0	18.2	45.2	11.5	10.4	15.4	37.4
Less than 5 years old.....	29.0	8.7	.2	-	.6	.7	.5	4.1	13.7	2.6	3.0	4.0	8.3
Age not reported.....	9.3	.4	-	.1	.2	.3	-	.5	6.0	.9	.8	.6	4.9
Air conditioning:													
Central.....	35.8	6.8	.5	.3	.4	.7	.1	5.4	18.3	4.2	4.6	3.3	15.7
1 room unit.....	119.2	4.4	.2	2.1	4.4	5.9	1.7	24.4	48.7	15.6	31.6	19.1	33.5
2 room units.....	20.6	1.6	-	.3	1.7	.2	.3	4.6	7.9	2.3	3.3	3.2	7.0
3 room units or more.....	1.2	-	-	-	-	.2	-	.4	.3	.1	-	.6	.3
Main Heating Equipment													
Warm-air furnace.....	91.1	7.2	.7	1.1	4.2	4.1	1.6	8.8	46.4	14.7	21.0	14.3	24.7
Steam or hot water system.....	157.2	8.1	-	2.9	7.6	8.2	3.2	31.3	64.9	25.6	51.3	30.9	35.0
Electric heat pump.....	1.0	.2	-	-	-	-	-	-	1.0	-	.2	-	.2
Built-in electric units.....	12.4	.2	-	.1	.3	-	-	3.1	6.3	1.5	4.1	1.6	2.3
Floor, wall, or other built-in hot air units without ducts.....	3.4	-	-	.1	.2	.3	-	.3	1.2	.6	1.1	.4	1.1
Room heaters with flue.....	8.1	-	-	.3	.4	.2	-	1.7	4.4	3.0	6.4	.2	.2
Room heaters without flue.....	.2	-	-	.2	-	-	-	.2	-	-	.2	-	-
Portable electric heaters.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Stoves.....	.3	-	-	-	-	-	-	-	.3	-	-	-	.2
Fireplaces with inserts.....	.3	-	-	-	-	-	-	-	.3	-	-	-	-
Fireplaces without inserts.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Other.....	3.0	-	-	.4	.5	.5	-	.8	1.4	.8	.6	1.2	.2
None.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Heating Equipment													
With other heating equipment ²	44.5	3.4	.2	1.6	3.2	2.6	.4	5.0	19.1	4.0	14.2	6.9	10.0
Warm-air furnace.....	.7	-	-	-	-	-	-	-	.5	-	-	-	-
Steam or hot water system.....	.2	-	-	-	-	-	-	-	-	-	-	-	-
Electric heat pump.....	.3	-	-	-	-	-	-	-	.2	-	-	.2	-
Built-in electric units.....	2.8	.5	-	.1	-	.2	-	.2	1.2	.2	1.1	.2	.6
Floor, wall, or other built-in hot air units without ducts.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Room heaters with flue.....	1.1	-	-	-	.4	.3	-	-	1.0	.1	.5	.3	.3
Room heaters without flue.....	2.0	-	-	-	.1	.2	-	-	-	-	.9	.3	.3
Portable electric heaters.....	19.0	.2	-	1.0	1.6	.7	.4	3.1	6.6	2.0	7.9	4.0	3.9
Stoves.....	2.4	-	-	.2	.6	-	-	.2	.8	.6	.6	.5	.5
Fireplaces with inserts.....	2.9	1.7	-	-	-	-	-	.2	1.4	-	.3	-	1.1
Fireplaces with no inserts.....	11.3	.6	.2	.6	.7	.5	.3	.3	7.0	1.0	2.8	.6	4.1
Other.....	4.7	.2	-	-	-	.9	-	1.2	2.0	.9	1.3	1.6	.3
Plumbing³													
With all plumbing facilities.....	...	...	...	...	...	...	...	...	...	...	...	...	...
Lacking some plumbing facilities ².....	...	...	...	...	...	...	...	...	...	...	...	...	...
No hot piped water.....	...	...	...	...	...	...	...	...	...	...	...	...	...
No bathtub nor shower.....	...	...	...	...	...	...	...	...	...	...	...	...	...
No flush toilet.....	...	...	...	...	...	...	...	...	...	...	...	...	...
No plumbing facilities for exclusive use.....	...	...	...	...	...	...	...	...	...	...	...	...	...
Source of Water													
Public system or private company.....	266.1	15.7	.7	4.5	11.6	13.4	4.8	45.2	120.5	45.4	84.9	48.5	61.7
Well serving 1 to 5 units.....	10.8	-	-	.1	1.6	-	-	1.0	5.5	.8	-	.1	2.1
Drilled.....	9.0	-	-	.1	1.2	-	-	.8	4.1	.8	-	.1	1.4
Dug.....	.8	-	-	-	.4	-	-	-	.6	-	-	-	-
Not reported.....	1.1	-	-	-	-	-	-	.2	.8	-	-	-	.7
Other.....	.1	-	-	-	-	-	-	.1	-	-	-	-	-
Means of Sewage Disposal													
Public sewer.....	267.4	15.7	.7	4.5	11.9	13.4	4.8	45.5	121.1	45.2	84.9	48.3	63.0
Septic tank, cesspool, chemical toilet.....	9.6	-	-	.1	1.3	-	-	.8	5.0	1.0	-	.3	.8
Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-

¹See back cover for details.

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

³Data not up to publication standards; see "Qualifications of the Data" section in the Introduction.

Table 4-5. Fuels - Renter Occupied Units

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

Characteristics	Total occupied units	Housing unit characteristics				Household characteristics					Selected subareas ¹		
		New construction 4 yrs	Mobile homes	Physical problems		Black	Hispanic	Elderly (65+)	Moved in past year	Below poverty level	Area one	Area two	Area three
				Severe	Moderate								
Total	277.0	15.7	.7	4.6	13.2	13.4	4.8	46.3	126.1	46.2	84.9	48.6	63.8
Main House Heating Fuel													
Housing units with heating fuel.....	277.0	15.7	.7	4.6	13.2	13.4	4.8	46.3	126.1	46.2	84.9	48.6	63.8
Electricity.....	17.3	1.7	.3	1.1	3.3	2.2	2.2	3.8	9.5	1.8	4.4	2.1	4.0
Piped gas.....	205.7	11.7	.4	3.3	11.2	10.3	3.4	33.2	93.2	33.9	69.3	36.3	45.4
Bottled gas.....	2.5	-	-	-	.3	-	-	-	1.3	.1	-	-	-
Fuel oil.....	35.6	1.4	-	.7	1.2	1.7	.9	5.8	14.4	6.3	9.7	3.8	12.7
Kerosene or other liquid fuel.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Coal or coke.....	1.1	-	-	-	-	-	.2	-	.7	.3	-	-	-
Wood.....	1.5	-	-	-	-	-	-	.3	1.0	-	-	-	.2
Solar energy.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Other.....	13.1	1.0	-	.5	.2	1.2	.1	3.3	5.9	3.8	1.5	6.4	1.6
Other House Heating Fuels													
With other heating fuels ²	32.3	.9	.2	.8	1.7	1.3	.4	7.0	14.1	4.7	8.7	8.8	4.1
Electricity.....	10.7	-	-	.3	.9	.2	.3	1.3	5.5	.7	4.6	2.2	1.2
Piped gas.....	.5	-	-	-	-	-	-	-	.3	-	-	-	-
Bottled gas.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Fuel oil.....	4.8	-	-	.2	.2	-	-	2.6	.8	.4	2.1	.8	.9
Kerosene or other liquid fuel.....	1.8	-	-	.3	.3	.3	-	-	.7	-	.5	.6	.3
Coal or coke.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Wood.....	3.7	.2	.2	-	.1	-	-	-	2.2	.2	.5	-	.9
Solar energy.....	.4	-	-	-	-	-	-	.4	-	.2	-	-	-
Other.....	10.9	.7	-	.5	.2	.9	.1	2.7	5.0	3.2	1.6	5.2	.8
Not reported.....	1.8	-	-	.2	-	.2	-	.2	.5	.2	.2	.1	1.4
Cooking Fuel													
With cooking fuel.....	275.7	15.7	.7	3.9	12.8	13.4	4.7	46.3	125.8	45.5	84.3	48.3	63.8
Electricity.....	146.6	13.0	-	1.6	5.9	8.2	2.3	31.8	62.2	21.8	24.0	25.7	41.3
Piped gas.....	127.5	2.7	.7	2.2	6.8	7.1	2.4	14.4	62.5	23.5	60.2	22.7	22.5
Bottled gas.....	1.5	-	-	.1	-	-	-	.1	1.1	.1	-	-	-
Kerosene or other liquid fuel.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Coal or coke.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Wood.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Water Heating Fuel													
With hot piped water.....	276.6	15.7	.7	4.2	13.2	13.4	4.7	46.2	125.8	45.9	84.7	48.5	63.8
Electricity.....	37.7	2.5	.3	.3	1.0	.8	.7	9.0	18.5	5.0	6.7	2.8	11.0
Piped gas.....	216.9	12.5	.4	3.4	11.3	10.8	3.5	32.9	97.9	36.6	75.8	39.3	49.0
Bottled gas.....	2.0	-	-	-	.1	-	-	-	1.3	-	-	-	-
Fuel oil.....	1.8	-	-	-	.3	.3	-	.5	.3	.3	.5	.8	.8
Kerosene or other liquid fuel.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Coal or coke.....	1.5	-	-	-	.2	-	.2	-	.9	.3	-	-	.2
Wood.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Solar energy.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Other.....	16.6	.7	-	.5	.2	1.5	.3	3.8	6.8	3.7	1.9	6.1	2.7
Central Air Conditioning Fuel													
With central air conditioning.....	35.8	6.8	.5	.3	.4	.7	.1	5.4	18.3	4.2	4.6	3.3	15.7
Electricity.....	28.7	6.2	.5	.3	.4	.5	.1	4.0	15.1	3.6	3.4	3.0	11.7
Piped gas.....	6.6	.8	-	-	-	-	-	1.4	3.0	.6	1.0	.4	4.0
Other.....	.5	-	-	-	-	.2	-	-	.2	-	.2	-	-
Clothes Dryer Fuel													
With clothes dryer.....	63.4	7.9	.5	.6	5.3	1.7	1.6	4.8	29.4	7.5	13.4	10.1	15.9
Electricity.....	39.5	6.2	-	.4	3.0	.9	1.3	3.2	19.0	5.2	6.6	5.3	10.5
Piped gas.....	23.3	1.7	.5	-	2.3	.8	.3	1.5	10.0	2.3	6.7	4.8	5.3
Other.....	.6	-	-	.1	-	-	-	.1	.3	-	-	-	-
Units Using Each Fuel²													
Electricity.....	277.0	15.7	.7	4.6	13.2	13.4	4.8	46.3	126.1	46.2	84.9	48.6	63.8
All-electric units.....	11.1	.8	-	-	.2	.2	-	3.3	5.7	1.2	2.9	.9	2.9
Piped gas.....	253.4	14.5	.7	4.5	12.0	12.9	4.4	39.9	115.2	43.3	81.3	46.9	58.2
Bottled gas.....	3.2	-	-	.1	.4	-	-	.1	1.9	.3	-	-	-
Fuel oil.....	54.1	2.2	-	.9	1.7	2.5	1.0	12.5	21.2	10.2	13.5	10.9	15.4
Kerosene or other liquid fuel.....	1.8	-	-	-	.3	.3	-	-	.7	-	.5	.6	.3
Coal or coke.....	1.5	-	-	-	.2	-	.2	-	.9	.3	-	-	.2
Wood.....	5.2	.2	.2	-	.1	-	-	.3	3.2	.3	.5	-	1.1
Solar energy.....	.4	-	-	-	-	-	-	.4	-	.2	-	-	-
Other.....	19.8	1.3	-	.5	.2	1.5	.3	5.1	8.4	5.1	2.2	7.4	3.0

¹See back cover for details.

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

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

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

Characteristics	Total occupied units	Housing unit characteristics				Household characteristics					Selected subareas ¹		
		New construction 4 yrs	Mobile homes	Physical problems		Black	Hispanic	Elderly (65+)	Moved in past year	Below poverty level	Area one	Area two	Area three
				Severe	Moderate								
Household Moves and Formation After 1979													
Total with a move after 1979	229.5	15.7	.2	3.9	11.3	10.7	4.4	20.9	126.1	35.7	66.0	40.1	56.3
Household all moved here from one unit	189.1	12.0	.2	3.3	7.0	8.2	3.8	20.2	95.0	31.5	48.1	29.2	41.0
Householder of previous unit did not move here	32.9	.9	-	.8	.6	2.0	.5	2.2	20.9	8.2	11.4	4.2	8.7
Householder of previous unit moved here	131.6	10.1	.2	2.4	6.2	6.2	3.3	16.4	72.6	22.4	36.0	24.5	30.2
Householder of previous unit not reported	4.6	.9	-	.1	.2	-	-	1.6	1.6	.9	.7	.5	2.2
Household moved here from two or more units	43.8	2.7	-	.4	2.3	1.3	.6	.4	27.1	1.3	14.4	8.3	11.4
No previous householder moved here	12.1	.8	-	.2	.1	-	-	-	6.6	.9	4.2	1.1	3.4
1 previous householder moved here	14.3	.9	-	.1	.8	.6	-	-	8.3	.1	3.8	1.9	4.0
2 or more previous householders moved here	15.4	1.1	-	.2	1.4	.3	.5	.4	9.9	.1	5.5	2.8	3.6
Previous householder(s) not reported	2.1	-	-	-	-	.2	-	-	1.3	.2	.9	.5	.5
Some already here, rest moved in	18.4	1.0	-	.1	2.0	1.2	-	.3	3.7	2.9	3.3	4.6	3.8
No previous householder moved here	4.2	-	-	-	.1	.5	-	.2	.8	1.0	.7	1.7	1.1
1 or more previous householders moved here	11.2	1.0	-	.1	1.1	.7	-	.1	2.4	2.0	1.8	2.8	2.5
Previous householder(s) not reported	1.1	-	-	-	.7	-	-	-	.5	-	.7	-	.2
Number of previous units not reported .....	.2	-	-	-	-	-	-	-	.2	-	.2	-	-

¹See back cover for details.

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

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

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

Characteristics	Total occupied units	Housing unit characteristics				Household characteristics					Selected subareas ¹		
		New construction 4 yrs	Mobile homes	Physical problems		Black	Hispanic	Elderly (65+)	Moved in past year	Below poverty level	Area one	Area two	Area three
				Severe	Moderate								
UNITS WHERE HOUSEHOLDER MOVED DURING PAST YEAR													
Total	126.1	9.9	.2	.4	6.7	6.3	3.0	4.9	126.1	19.6	37.9	20.2	29.6
Location of Previous Unit													
Inside same (P)MSA	91.4	6.6	.2	.4	4.5	5.2	2.2	4.1	91.4	14.3	29.0	18.1	19.7
In central city(s)	44.1	1.8	-	.3	3.2	4.8	1.6	1.8	44.1	10.2	22.7	12.7	4.1
Not in central city(s)	47.4	5.0	.2	.2	1.3	.5	.8	2.3	47.4	4.1	6.3	3.4	15.6
Inside different (P)MSA in same state	14.1	.9	-	-	1.2	.7	.2	.5	14.1	2.2	5.1	2.1	2.4
In central city(s)	6.5	-	-	-	.2	.7	.2	-	6.5	1.4	3.7	1.7	.5
Not in central city(s)	7.5	.9	-	-	1.0	-	-	.5	7.5	.7	1.3	.4	2.0
Inside different (P)MSA in different state	10.0	1.4	-	-	.1	.4	.7	-	10.0	1.2	1.8	1.6	3.6
In central city(s)	4.8	.9	-	-	-	-	.5	-	4.8	.6	.6	1.1	2.3
Not in central city(s)	5.2	.4	-	-	.1	.4	.2	-	5.2	.6	1.2	.5	1.4
Outside any metropolitan area	9.1	1.0	-	-	1.0	-	-	.3	9.1	1.9	1.3	.3	3.4
Same state	5.8	.7	-	-	.2	-	-	.3	5.8	1.7	.5	.2	2.8
Different state	3.5	.4	-	-	.8	-	-	-	3.5	.2	.9	.2	.9
Different nation	1.5	-	-	-	-	-	-	-	1.5	-	.8	-	.4
Structure Type of Previous Residence													
Moved from within United States	124.5	9.9	.2	.4	6.7	6.3	3.0	4.9	124.5	19.6	37.1	20.2	29.2
House	55.9	4.7	-	-	2.6	1.8	.7	2.8	55.9	7.2	13.5	5.5	17.7
Apartment	61.3	5.1	.2	.4	4.1	4.4	2.4	2.1	61.3	10.6	21.0	13.5	10.6
Mobile home	2.8	-	-	-	-	-	-	-	2.8	.9	.6	.3	-
Other	4.7	-	-	-	-	.2	-	-	4.7	.9	1.9	.9	.9
Tenure of Previous Residence													
House, apt., mobile home in United States	119.8	9.9	.2	.4	6.7	6.1	3.0	4.9	119.8	18.7	35.2	19.3	28.3
Owner occupied	37.8	4.4	-	-	1.0	.5	.7	2.7	37.8	5.4	6.0	3.0	13.7
Renter occupied	82.1	5.5	.2	.4	5.8	5.7	2.4	2.2	82.1	13.2	29.2	16.3	14.5
Persons - Previous Residence													
House, apt., mobile home in United States	119.8	9.9	.2	.4	6.7	6.1	3.0	4.9	119.8	18.7	35.2	19.3	28.3
1 person	18.9	1.6	-	.3	1.0	.8	.1	3.0	18.9	3.0	6.5	4.2	3.4
2 persons	38.1	3.8	-	-	1.7	1.8	.6	1.2	36.1	3.9	11.9	4.7	9.5
3 persons	28.3	3.1	-	.2	2.1	1.3	.6	.2	28.3	4.0	8.4	5.0	4.5
4 persons	19.8	.8	.2	-	.7	.9	1.5	.1	19.6	3.2	3.2	3.2	6.6
5 persons	8.4	-	-	-	.1	.7	-	-	8.4	1.8	2.2	1.2	2.6
6 persons	4.3	.6	-	-	.6	.4	-	.2	4.3	1.6	1.5	.7	.3
7 persons or more	2.3	-	-	-	.5	-	-	-	2.3	1.0	.8	.3	.3
Not reported	2.0	-	-	-	-	.2	.2	.2	2.0	.3	.6	-	1.0
Median	2.8	2.4	-	-	2.8	2.8	-	-	2.6	3.1	2.4	2.7	2.7
Previous Home Owned or Rented by Someone Who Moved Here													
House, apt., mobile home in United States	119.8	9.9	.2	.4	6.7	6.1	3.0	4.9	119.8	18.7	35.2	19.3	28.3
Owned or rented by a mover	90.2	8.4	.2	.4	5.5	4.6	2.7	4.1	90.2	13.2	26.6	16.2	18.0
Owned or rented by other	28.6	1.4	-	-	.8	1.4	.4	.4	26.6	5.1	7.5	2.8	8.9
By a relative	20.6	1.4	-	-	.8	1.1	.2	.4	20.6	4.6	5.9	2.4	5.9
By a nonrelative	5.2	-	-	-	-	.3	.2	-	5.2	.5	1.4	.4	2.3
Not reported .....	.9	-	-	-	-	-	-	-	.9	-	.2	-	.7
Not reported	3.0	-	-	-	.4	.2	-	.3	3.0	.4	1.1	.3	1.4
Change in Housing Costs													
House, apt., mobile home in United States	119.8	9.9	.2	.4	6.7	6.1	3.0	4.9	119.8	18.7	35.2	19.3	28.3
Increased with move	70.2	5.7	-	.2	4.1	3.9	2.5	2.7	70.2	11.1	20.4	10.6	18.3
Stayed about the same	17.8	1.8	.2	-	.9	1.0	.2	1.1	17.8	2.5	5.2	2.9	3.2
Decreased	29.4	2.4	-	.3	1.7	1.0	.4	.7	29.4	4.6	9.0	5.8	5.9
Don't know .....	.7	-	-	-	-	-	-	.2	.7	.3	.1	-	.4
Not reported	1.7	-	-	-	-	.2	-	.2	1.7	.2	.5	-	.5

¹See back cover for details.

Table 4-13. Selected Housing Costs - Renter Occupied Units—Con.

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

Characteristics	Total occupied units	Housing unit characteristics				Household characteristics					Selected subareas ¹		
		New construction 4 yrs	Mobile homes	Physical problems		Black	Hispanic	Elderly (65+)	Moved in past year	Below poverty level	Area one	Area two	Area three
				Severe	Moderate								
Monthly Costs Paid for Selected Utilities and Fuels													
Water paid separately	30.9	4.6	-	.4	2.5	.3	1.6	1.9	16.2	3.4	6.8	6.1	7.0
Median	14	...	...	...	...	...	...	...	13	...	13	15	14
Trash paid separately	27.7	1.9	-	.6	2.1	.5	1.5	1.5	13.1	2.1	.6	5.6	8.4
Median	10-	...	...	...	...	...	...	...	10-	...	...	10-	10-
Bottled gas paid separately	1.9	-	-	.1	.3	-	-	.1	1.3	.2	-	-	-
Median .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Other fuel paid separately	11.0	1.2	-	.2	.4	-	-	1.5	5.5	1.6	2.2	1.3	2.5
Median	10-	...	...	...	...	...	...	...	10-	...	...	...	...

¹See back cover for details.

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

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

Characteristics	Size of occupied detached 1-family homes and mobile homes								Median
	Total	Less than 500 square feet	500 to 999 square feet	1000 to 1499 square feet	1500 to 1999 square feet	2000 to 2499 square feet	2500 square feet or more	Not reported	
Total	32.6	.3	3.4	7.1	8.5	7.0	6.0	.3	1 810
Persons									
1 person.....	4.3	.3	.3	.7	.8	1.7	.6	-	...
2 persons.....	8.0	-	1.5	2.1	2.8	.5	.8	.3	1 540
3 persons.....	7.7	-	1.1	1.7	1.3	1.4	2.2	-	1 915
4 persons.....	6.7	-	.4	1.6	1.8	1.5	1.4	-	1 886
5 persons.....	2.4	-	.2	.1	.9	.8	.4	-	...
6 persons.....	2.9	-	-	.9	.8	.9	.3	-	...
7 persons or more.....	.6	-	-	-	.3	.2	.2	-	...
Median	3.0	-	-	2.9	3.2	3.4	3.2	-	...
Rooms									
1 room.....	-	-	-	-	-	-	-	-	...
2 rooms.....	-	-	-	-	-	-	-	-	...
3 rooms.....	1.5	.3	.8	.3	-	-	.1	-	...
4 rooms.....	3.6	-	1.4	1.3	.8	.2	-	-	...
5 rooms.....	5.9	-	.5	1.9	1.8	1.6	-	-	1 640
6 rooms.....	10.3	-	.6	2.3	3.4	2.9	1.1	-	1 828
7 rooms.....	3.8	-	.2	.6	1.1	1.1	.9	-	...
8 rooms.....	2.6	-	-	.5	.7	-	1.1	.3	...
9 rooms.....	1.6	-	-	-	.5	.3	.7	-	...
10 rooms or more.....	3.4	-	-	.3	.9	.9	2.0	-	...
Median	6.0	-	-	5.5	6.0	6.1	6.3	-	...
Bedrooms									
None.....	-	-	-	-	-	-	-	-	...
1.....	3.0	.3	1.1	1.5	-	-	.1	-	...
2.....	8.4	-	1.7	1.7	3.4	1.1	.5	-	1 613
3.....	14.0	-	.8	3.0	3.5	4.7	1.9	.3	1 954
4 or more.....	7.1	-	-	.9	1.6	1.2	3.5	-	2 459
Median	2.8	-	-	2.6	2.7	3.0	3.5+	-	...
Complete Bathrooms									
None.....	.1	-	.1	-	-	-	-	-	...
1.....	18.4	.3	2.8	5.1	5.3	3.4	1.5	-	1 592
1 and one-half.....	7.5	-	.5	1.2	1.8	2.6	1.4	-	2 057
2 or more.....	6.6	-	-	.9	1.4	1.0	3.0	.3	2 433
Lot Size									
Less than one-eighth acre.....	5.4	-	.5	1.2	2.1	1.0	.6	-	...
One-eighth up to one-quarter acre.....	4.4	-	.6	1.3	.8	1.3	.3	-	...
One-quarter up to one-half acre.....	2.8	-	.4	.2	1.8	-	.5	-	...
One-half up to one acre.....	1.3	-	.3	.3	-	.5	.2	-	...
1 to 4 acres.....	2.3	-	.4	.4	.3	.2	1.0	-	...
5 to 9 acres.....	.5	-	.1	-	.4	-	-	-	...
10 acres or more.....	1.2	-	-	.3	.1	-	.7	-	...
Don't know.....	14.6	.3	1.0	3.4	3.0	3.9	2.7	.3	1 904
Not reported.....	-	-	-	-	-	-	-	-	...
Median.....	.23	-	-	.19	.23	.18	1.23	-	...
Income of Families and Primary Individuals									
Less than \$5,000.....	2.6	-	.2	.5	.3	.7	1.0	-	...
\$5,000 to \$9,999.....	5.5	.2	.6	1.5	1.1	1.3	.9	-	1 757
\$10,000 to \$14,999.....	2.5	-	.5	.7	.5	.5	.3	-	...
\$15,000 to \$19,999.....	2.4	-	.3	.3	.4	.5	.8	-	...
\$20,000 to \$24,999.....	6.8	-	.6	1.8	2.7	.7	1.0	-	1 676
\$25,000 to \$29,999.....	3.9	-	.1	1.0	1.3	1.1	.3	-	...
\$30,000 to \$34,999.....	2.7	.2	-	.3	.5	.5	.9	.3	...
\$35,000 to \$39,999.....	2.1	-	.1	.2	1.0	.5	.4	-	...
\$40,000 to \$49,999.....	2.2	-	.7	.3	.6	.5	.5	-	...
\$50,000 to \$59,999.....	1.8	-	.3	.5	-	.5	.5	-	...
\$60,000 to \$79,999.....	.2	-	-	-	-	.2	-	-	...
\$80,000 to \$99,999.....	-	-	-	-	-	-	-	-	...
\$100,000 to \$119,999.....	-	-	-	-	-	-	-	-	...
\$120,000 or more.....	-	-	-	-	-	-	-	-	...
Median	22 435	-	-	21 714	23 521	23 206	20 186	-	...
Monthly Housing Costs									
Less than \$100.....	-	-	-	-	-	-	-	-	...
\$100 to \$199.....	.7	.2	-	-	.4	-	.2	-	...
\$200 to \$249.....	.5	-	-	-	.1	.4	-	-	...
\$250 to \$299.....	.6	-	-	.3	-	.2	-	-	...
\$300 to \$349.....	1.6	-	.5	.4	.3	-	.5	-	...
\$350 to \$399.....	2.2	-	.1	.5	1.4	.3	-	-	...
\$400 to \$449.....	1.7	.2	.3	.3	.8	-	.1	-	...
\$450 to \$499.....	3.9	-	.7	1.2	.9	1.1	-	-	...
\$500 to \$599.....	3.7	-	.3	.7	1.6	.2	.9	-	...
\$600 to \$699.....	3.8	-	.4	.7	.7	1.9	.2	-	...
\$700 to \$799.....	5.1	-	-	1.8	1.0	1.2	.7	.3	...
\$800 to \$999.....	3.8	-	.3	.2	.5	1.0	1.8	-	...
\$1,000 to \$1,249.....	.4	-	-	-	.3	-	.2	-	...
\$1,250 to \$1,499.....	-	-	-	-	-	-	-	-	...
\$1,500 or more.....	-	-	-	-	-	-	-	-	...
No cash rent.....	4.4	-	.9	1.0	.5	.7	1.4	-	...
Mortgage payment not reported.....	-	-	-	-	-	-	-	-	...
Median (excludes no cash rent)	574	-	-	550	503	652	747	-	...

Table 4-19. Income, Costs, and Mortgage - Renter Occupied Units

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

Characteristics	Owner occupied								Renter occupied				
	With mortgage				With no mortgage				All renters		Unsubsidized renters ¹		
	Total	Specified ²	Not specified		Total	Specified ²	Not specified		Specified ²	Other	Specified ²	Other	
			Condo or Coop	Other			Condo or Coop	Other					
Total	---	---	---	---	---	---	---	---	---	276.0	1.0	231.8	1.0
Income of Families and Primary Individuals													
Less than \$5,000.....	---	---	---	---	---	---	---	---	---	31.4	--	19.8	--
\$5,000 to \$9,999.....	---	---	---	---	---	---	---	---	---	54.1	.2	33.5	.2
\$10,000 to \$14,999.....	---	---	---	---	---	---	---	---	---	43.6	--	35.2	--
\$15,000 to \$19,999.....	---	---	---	---	---	---	---	---	---	40.8	.1	39.0	.1
\$20,000 to \$24,999.....	---	---	---	---	---	---	---	---	---	38.7	.1	38.0	.1
\$25,000 to \$29,999.....	---	---	---	---	---	---	---	---	---	24.4	.8	23.7	.6
\$30,000 to \$34,999.....	---	---	---	---	---	---	---	---	---	15.8	--	15.8	--
\$35,000 to \$39,999.....	---	---	---	---	---	---	---	---	---	11.5	--	11.5	--
\$40,000 to \$49,999.....	---	---	---	---	---	---	---	---	---	8.0	--	7.7	--
\$50,000 to \$59,999.....	---	---	---	---	---	---	---	---	---	5.2	--	5.2	--
\$60,000 to \$79,999.....	---	---	---	---	---	---	---	---	---	2.9	--	2.9	--
\$80,000 to \$99,999.....	---	---	---	---	---	---	---	---	---	1.1	--	1.1	--
\$100,000 to \$119,999.....	---	---	---	---	---	---	---	---	---	.4	--	.4	--
\$120,000 or more.....	---	---	---	---	---	---	---	---	---	--	--	--	--
Median	---	---	---	---	---	---	---	---	---	16 092	---	18 514	---
Monthly Housing Costs													
Less than \$100.....	---	---	---	---	---	---	---	---	---	6.2	--	.8	--
\$100 to \$199.....	---	---	---	---	---	---	---	---	---	27.3	--	8.4	--
\$200 to \$249.....	---	---	---	---	---	---	---	---	---	11.5	--	7.5	--
\$250 to \$299.....	---	---	---	---	---	---	---	---	---	20.2	--	15.4	--
\$300 to \$349.....	---	---	---	---	---	---	---	---	---	29.0	.4	25.9	.4
\$350 to \$399.....	---	---	---	---	---	---	---	---	---	32.6	.2	30.5	.2
\$400 to \$449.....	---	---	---	---	---	---	---	---	---	35.0	.1	32.8	.1
\$450 to \$499.....	---	---	---	---	---	---	---	---	---	30.2	--	28.8	--
\$500 to \$599.....	---	---	---	---	---	---	---	---	---	36.8	.1	36.0	.1
\$600 to \$699.....	---	---	---	---	---	---	---	---	---	21.4	--	21.2	--
\$700 to \$799.....	---	---	---	---	---	---	---	---	---	9.4	--	9.0	--
\$800 to \$999.....	---	---	---	---	---	---	---	---	---	7.0	--	7.0	--
\$1,000 to \$1,249.....	---	---	---	---	---	---	---	---	---	.8	--	.6	--
\$1,250 to \$1,499.....	---	---	---	---	---	---	---	---	---	.4	--	.2	--
\$1,500 or more.....	---	---	---	---	---	---	---	---	---	.2	--	.2	--
No cash rent.....	---	---	---	---	---	---	---	---	---	8.0	.2	7.7	.2
Mortgage payment not reported.....	---	---	---	---	---	---	---	---	---	---	---	---	---
Median (excludes no cash rent)	---	---	---	---	---	---	---	---	---	410	---	438	---
Monthly Housing Costs as Percent of Income													
Less than 5 percent.....	---	---	---	---	---	---	---	---	---	1.5	--	1.0	--
5 to 9 percent.....	---	---	---	---	---	---	---	---	---	5.2	--	4.1	--
10 to 14 percent.....	---	---	---	---	---	---	---	---	---	24.8	.3	24.2	.3
15 to 19 percent.....	---	---	---	---	---	---	---	---	---	41.3	.2	38.6	.2
20 to 24 percent.....	---	---	---	---	---	---	---	---	---	45.0	.3	42.0	.3
25 to 29 percent.....	---	---	---	---	---	---	---	---	---	41.3	.1	29.7	.1
30 to 34 percent.....	---	---	---	---	---	---	---	---	---	28.7	--	19.5	--
35 to 39 percent.....	---	---	---	---	---	---	---	---	---	19.5	--	14.4	--
40 to 49 percent.....	---	---	---	---	---	---	---	---	---	19.6	--	17.2	--
50 to 59 percent.....	---	---	---	---	---	---	---	---	---	8.8	--	8.2	--
60 to 69 percent.....	---	---	---	---	---	---	---	---	---	8.2	--	6.9	--
70 percent or more.....	---	---	---	---	---	---	---	---	---	21.7	--	16.8	--
Zero or negative income.....	---	---	---	---	---	---	---	---	---	1.4	--	1.4	--
No cash rent.....	---	---	---	---	---	---	---	---	---	8.0	.2	7.7	.2
Mortgage payment not reported.....	---	---	---	---	---	---	---	---	---	---	---	---	---
Median (excludes 3 previous lines)	---	---	---	---	---	---	---	---	---	27	---	25	---

¹Excludes units in public housing projects, and housing units with government rent subsidies.
²Limited to one-unit structures on less than 10 acres and no business on property.
³Excludes one-unit structures on 10 acres or more.

Table 4-20. Income of Families and Primary Individuals by Selected Characteristics - Renter Occupied Units—Con.

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

Characteristics	Total	Zero to negative	\$1 to \$4,999	\$5,000 to \$9,999	\$10,000 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$29,999	\$30,000 to \$39,999	\$40,000 to \$59,999	\$60,000 to \$79,999	\$80,000 to \$99,999	\$100,000 to \$119,999	\$120,000 or more	Median
Rent Reductions														
No subsidy or income reporting	230.9	1.7	17.9	33.7	34.9	39.1	59.5	26.9	12.8	2.8	1.1	.4	-	18 479
Rent control	3.7	-	-	.9	.4	1.1	.7	.5	-	-	-	-	-	17 256
No rent control	227.0	1.7	17.9	32.8	34.5	38.0	58.8	26.4	12.8	2.8	1.1	.4	-	18 526
Reduced by owner	17.0	.3	2.8	3.9	2.0	1.7	3.9	1.6	.8	.2	-	-	-	13 820
Not reduced by owner	209.7	1.4	15.2	28.7	32.3	36.3	54.8	24.8	12.1	2.6	1.1	.4	-	18 755
Owner reduction not reported .....	.3	-	-	-	.2	-	.2	-	-	-	-	-	-	20 191
Rent control not reported .....	.2	-	-	.2	-	-	-	-	-	-	-	-	-	7 500
Owned by public housing authority	17.1	-	5.2	7.9	2.8	.5	.5	-	.2	-	-	-	-	7 161
Other, Federal subsidy	17.9	-	4.9	8.3	3.7	1.0	-	-	-	-	-	-	-	7 423
Other, State or local subsidy	4.2	-	.9	2.9	.3	-	-	-	.2	-	-	-	-	7 116
Other, income verification	4.9	-	.7	1.5	1.5	.3	.9	-	-	-	-	-	-	10 889
Subsidy or income verification not reported	2.0	-	.2	-	.3	-	1.0	.4	-	.2	-	-	-	25 531

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

Table 4-21. Housing Costs by Selected Characteristics - Renter Occupied Units

[Numbers in thousands. ... 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 \$899	\$900 to \$999	\$1,000 to \$1,499	\$1,500 or more	No cash rent	Mortgage payment not reported	Median excluding no cash rent
Total	277.0	6.2	27.3	31.7	62.2	65.3	37.0	21.4	9.4	7.0	.9	.2	8.2	..	411	
Units in Structure																
1, detached.....	31.9	-	.7	1.1	3.4	5.7	3.7	3.8	5.1	3.8	.4	-	4.2	..	580	
1, attached.....	24.8	.3	2.8	1.7	.9	2.6	4.3	7.4	2.3	1.2	.2	.2	.7	..	584	
2 to 4.....	59.5	.4	7.1	9.2	16.1	14.6	8.4	2.7	1.2	.9	-	-	1.0	..	378	
5 to 9.....	19.0	.3	2.8	4.3	4.8	3.9	1.7	1.1	.1	-	-	-	-	..	344	
10 to 19.....	44.4	.7	2.8	5.7	16.2	12.2	4.4	1.7	.2	-	-	-	.6	..	379	
20 to 49.....	48.8	.8	1.9	4.8	14.1	18.0	6.4	1.2	-	.4	.1	-	1.1	..	413	
50 or more.....	48.1	3.7	9.2	4.9	6.4	8.4	10.1	3.4	.6	.8	.2	-	.4	..	394	
Mobile home or trailer.....	.7	-	-	-	.5	-	-	-	-	-	-	-	.2	..	..
Year Structure Built¹																
1990 to 1994.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	..	
1985 to 1989.....	3.2	-	.2	-	-	.7	.6	1.1	-	.7	-	-	-	..	..
1980 to 1984.....	22.2	.4	3.9	1.8	2.0	2.0	2.5	5.9	1.9	.7	.2	.2	.8	..	524	
1975 to 1979.....	30.3	1.5	5.8	4.9	4.3	3.5	4.1	2.8	1.2	1.4	.3	-	.5	..	363	
1970 to 1974.....	35.9	.8	3.0	2.2	5.6	11.5	8.3	3.0	.3	.4	-	-	.6	..	451	
1960 to 1969.....	75.1	2.5	5.9	5.6	20.3	22.6	9.9	3.2	1.9	1.8	.1	-	1.2	..	412	
1950 to 1959.....	22.4	.4	1.1	2.0	6.3	4.8	2.2	2.4	1.7	.5	-	-	1.0	..	418	
1940 to 1949.....	7.7	-	.2	1.2	2.0	2.5	.9	-	.3	.3	-	-	.3	..	411	
1930 to 1939.....	33.4	.3	1.7	4.3	6.6	9.4	4.8	.8	.8	.7	-	-	1.9	..	410	
1920 to 1929.....	16.1	-	1.2	2.5	4.8	2.5	1.8	1.0	.8	.5	-	-	.9	..	381	
1919 or earlier.....	30.8	.2	4.4	7.3	8.4	5.9	1.9	1.1	.4	-	.3	-	1.0	..	336	
Median.....	1964	1969	1969	1953	1961	1963	1967	1973	1963	1968	-	-	1948	..	..
Rooms																
1 room.....	3.7	.1	1.4	1.5	.6	.2	-	-	-	-	-	-	-	..	..
2 rooms.....	9.4	.8	2.0	3.8	2.2	.6	-	-	-	-	-	-	-	..	251	
3 rooms.....	86.9	3.8	11.3	15.2	29.2	19.2	5.5	.8	.4	-	.2	-	1.0	..	343	
4 rooms.....	89.9	1.0	5.5	6.9	20.5	27.9	18.6	6.5	-	.6	-	-	2.3	..	435	
5 rooms.....	42.5	.5	4.3	2.6	6.9	11.2	6.6	5.1	2.5	1.4	.1	-	1.3	..	457	
6 rooms.....	25.8	-	2.1	1.0	1.8	4.5	4.6	5.8	3.2	1.0	.3	.2	1.3	..	562	
7 rooms.....	9.3	-	.3	.4	.8	.9	1.1	2.2	1.0	1.5	.3	-	.8	..	635	
8 rooms.....	3.8	-	-	.2	.2	.4	.6	.4	1.2	.6	-	-	.3	..	..
9 rooms.....	2.2	-	.4	-	.3	-	-	.3	.7	.4	-	-	.1	..	..
10 rooms or more.....	3.5	-	-	.1	.2	-	-	.4	.5	1.4	-	-	.9	..	..
Median.....	3.9	3.1	3.4	3.2	3.5	4.0	4.2	5.2	6.1	6.8	-	-	5.1	..	..
Bedrooms																
None.....	11.6	.7	2.9	5.2	2.5	.3	-	-	-	-	-	-	-	..	243	
1.....	113.8	4.2	13.2	19.2	38.2	27.4	8.6	.8	.4	.2	.2	-	1.3	..	351	
2.....	110.5	1.2	8.1	5.7	19.0	31.7	23.8	12.7	1.5	2.1	.1	.2	4.2	..	460	
3.....	32.6	.2	2.9	1.3	2.3	5.2	3.7	6.4	7.0	2.4	.2	-	1.1	..	604	
4 or more.....	8.4	-	.2	.3	.2	.7	.6	1.5	.5	2.3	.4	-	1.5	..	690	
Median.....	1.8	1.1	1.3	1.1	1.2	1.7	1.9	2.3	2.9	3.0	-	-	2.2	..	..
Complete Bathrooms																
None.....	1.7	-	.9	.4	.3	-	-	-	-	-	-	-	.1	..	..
1.....	233.6	5.8	24.6	30.0	60.8	62.2	29.7	10.2	4.0	1.1	.4	-	4.9	..	389	
1 and one-half.....	22.4	.4	1.7	1.0	.8	2.0	4.9	6.4	2.4	1.2	-	.2	1.4	..	595	
2 or more.....	19.3	-	.2	.4	.6	1.1	2.4	4.8	2.9	4.7	.6	-	1.7	..	686	
Main Heating Equipment																
Warm-air furnace.....	91.1	1.1	7.7	6.3	13.5	18.7	14.6	12.2	7.3	4.4	.8	.2	4.6	..	479	
Steam or hot water system.....	157.2	5.0	14.5	21.0	41.0	41.1	20.1	7.1	1.6	2.7	.1	-	3.0	..	389	
Electric heat pump.....	1.0	-	-	-	-	.3	.3	-	.3	-	-	-	-	..	..
Built-in electric units.....	12.4	.1	1.1	1.8	3.3	2.9	1.5	1.0	.2	-	-	-	.4	..	389	
Floor, wall, or other built-in hot air units without ducts.....	3.4	-	.1	.5	1.5	.3	.1	.7	-	-	-	-	-	..	..
Room heaters with flue.....	8.1	-	2.9	1.5	2.3	1.2	-	-	-	-	-	-	.1	..	268	
Room heaters without flue.....	.2	-	-	-	-	-	.2	-	-	-	-	-	-	..	..
Portable electric heaters.....	-	-	-	-	-	-	-	-	-	-	-	-	-	..	..
Stoves.....	.3	-	-	-	.1	.2	-	-	-	-	-	-	-	..	..
Fireplaces with inserts.....	.3	-	-	-	-	.3	-	-	-	-	-	-	-	..	..
Fireplaces without inserts.....	-	-	-	-	-	-	-	-	-	-	-	-	-	..	..
Other.....	3.0	-	1.0	.6	.5	.4	.2	.4	-	-	-	-	-	..	..
None.....	-	-	-	-	-	-	-	-	-	-	-	-	-	..	..
Source of Water																
Public system or private company.....	266.1	6.2	26.8	30.6	60.4	64.4	35.4	20.3	9.1	6.0	.8	.2	5.9	..	409	
Well serving 1 to 5 units.....	10.8	-	.4	1.1	1.9	.9	1.6	1.1	.3	1.0	.2	-	2.3	..	497	
Drilled.....	9.0	-	.4	1.0	1.9	.5	1.4	.8	.3	1.0	.2	-	1.7	..	501	
Dug.....	.6	-	-	-	-	-	-	.4	-	-	-	-	.3	..	..
Not reported.....	1.1	-	-	.1	-	.5	.2	-	-	-	-	-	.3	..	..
Other.....	.1	-	.1	-	-	-	-	-	-	-	-	-	-	..	..
Means of Sewage Disposal																
Public sewer.....	267.4	6.2	-	30.5	60.7	64.6	35.3	20.3	9.4	6.0	.8	.2	6.4	..	409	
Septic tank, cesspool, chemical toilet.....	9.6	-	-	1.2	1.5	.8	1.6	1.1	-	1.0	.2	-	1.8	..	502	
Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-	..	..
Main House Heating Fuel																
Housing units with heating fuel.....	277.0	6.2	27.3	31.7	62.2	65.3	37.0	21.4	9.4	7.0	.9	.2	8.2	..	411	
Electricity.....	17.3	.3	1.6	1.8	4.3	3.6	2.7	1.5	.5	.6	-	-	.4	..	412	
Piped gas.....	205.7	4.8	20.0	22.1	45.7	51.6	24.1	17.5	8.5	5.4	.8	.2	5.3	..	415	
Bottled gas.....	2.5	-	-	.6	1.0	-	.3	-	-	.4	-	-	.1	..	..
Fuel oil.....	35.6	.8	3.3	4.3	7.5	6.8	8.0	2.3	.4	.5	-	-	1.7	..	416	
Kerosene or other liquid fuel.....	-	-	-	-	-	-	-	-	-	-	-	-	-	..	..
Coal or coke.....	1.1	-	.4	.5	.2	-	-	-	-	-	-	-	-	..	..
Wood.....	1.5	-	-	-	.1	.5	.1	.2	-	-	-	-	.5	..	..
Solar energy.....	-	-	-	-	-	-	-	-	-	-	-	-	-	..	..
Other.....	13.1	.5	1.9	2.6	3.5	2.9	1.7	-	-	-	-	-	-	..	344	

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

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

Characteristics	Total occupied units	Tenure		Housing unit characteristics				Household characteristics			Selected subareas ¹		
		Owner	Renter	New construction 4 yrs	Mobile homes	Physical problems		Elderly (65+)	Moved in past year	Below poverty level	Area one	Area two	Area three
						Severe	Moderate						
Total	20.5	7.1	13.4	.6	-	.8	.7	2.1	7.1	6.6	13.4	4.0	2.0
Tenure													
Owner occupied.....	7.1	7.1	...	.2	-	.2	-	1.2	.9	1.4	4.4	1.2	1.0
Percent of all occupied.....	34.7	100.0	...	32.8	-	19.7	-	55.7	12.1	20.7	33.0	30.2	49.0
Renter occupied.....	13.4	...	13.4	.4	-	.7	.7	.9	6.3	5.2	9.0	2.8	1.0
Race and Origin													
White.....	...	...	...	...	...	...	...	...	...	...	...	...	...
Non-Hispanic.....	...	...	...	...	...	...	...	...	...	...	...	...	...
Hispanic.....	...	...	...	...	...	...	...	...	...	...	...	...	...
Black.....	20.5	7.1	13.4	.6	-	.8	.7	2.1	7.1	6.6	13.4	4.0	2.0
Other.....	...	...	...	...	...	...	...	...	...	...	...	...	...
Total Hispanic.....	.8	.4	.3	-	-	-	-	.3	.3	.2	.8	-	-
Units in Structure													
1, detached.....	6.0	5.2	.8	.2	...	.2	.3	.9	1.1	1.4	3.2	1.5	.8
1, attached.....	1.3	.3	1.0	.2	...	.2	-	-	.2	1.0	1.0	.4	-
2 to 4.....	4.4	.9	3.5	.2	...	.2	.1	.3	1.9	1.9	4.0	.5	-
5 to 9.....	.3	-	.3	-	...	-	-	-	.2	.2	.3	-	-
10 to 19.....	3.3	.2	3.1	-	...	.3	.2	-	1.3	1.0	2.0	.7	.5
20 to 49.....	3.3	.5	2.7	-	...	-	.1	.4	2.0	.5	1.9	.5	.7
50 or more.....	1.9	-	1.9	-	...	-	-	.8	.4	.8	1.0	.5	-
Mobile home or trailer.....	-	-	-	-	...	-	-	-	-	-	-	-	-
Cooperatives and Condominiums													
Cooperatives.....	.2	-	.2	-	...	-	.2	-	-	-	.2	-	-
Condominiums.....	1.2	.6	.3	-	...	-	-	-	.3	-	.8	-	.3
Year Structure Built²													
1990 to 1994.....	-	-	-	-	...	-	-	-	-	-	-	-	-
1985 to 1989.....	-	-	-	-	...	-	-	-	-	-	-	-	-
1980 to 1984.....	.9	.5	.4	.6	...	-	-	-	.2	.2	-	.4	.2
1975 to 1979.....	3.0	.9	2.2	-	...	.3	-	.2	1.4	1.3	2.7	.3	-
1970 to 1974.....	2.2	.7	1.5	-	...	-	-	.2	.8	-	1.2	.4	.3
1960 to 1969.....	5.9	1.6	4.3	-	...	-	.1	.8	2.1	2.2	3.2	.6	1.4
1950 to 1959.....	.3	-	.3	-	...	-	-	-	-	.2	.3	-	-
1940 to 1949.....	-	-	-	-	...	-	-	-	-	-	-	-	-
1930 to 1939.....	4.4	1.7	2.7	-	...	.3	.2	.3	1.1	1.6	3.3	1.0	-
1920 to 1929.....	1.6	1.2	.5	-	...	-	.1	.6	.5	.6	1.5	.2	-
1919 or earlier.....	2.2	.7	1.5	-	...	.2	.3	-	1.1	.6	1.1	1.1	-
Median.....	1963	1960	1964	-	...	-	-	-	1964	1962	1961	-	-
Statistical Areas													
Current units, in 1970 boundaries of MSA.....	20.2	6.8	13.4	.6	-	.8	.7	1.9	7.1	6.3	13.4	4.0	2.0
1970 central city(a).....	17.3	5.6	11.7	.4	-	.8	.7	1.7	6.0	6.2	13.4	4.0	-
1970 balance of MSA.....	2.9	1.2	1.6	.2	-	-	-	.2	1.1	.2	-	-	2.0
Current units, in 1983 boundaries of MSA.....	20.5	7.1	13.4	.6	-	.8	.7	2.1	7.1	6.6	13.4	4.0	2.0
1983 central city(a).....	17.3	5.6	11.7	.4	-	.8	.7	1.7	6.0	6.2	13.4	4.0	-
1983 balance of MSA.....	3.1	1.5	1.6	.2	-	-	-	.4	1.1	.4	-	-	2.0

¹See back cover for details.

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

Table 5-2. Height and Condition of Building - Occupied Units with Black Householder

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

Characteristics	Total occupied units	Tenure		Housing unit characteristics				Household characteristics			Selected subareas ¹		
		Owner	Renter	New construction 4 yrs	Mobile homes	Physical problems		Elderly (85+)	Moved in past year	Below poverty level	Area one	Area two	Area three
						Severe	Moderate						
Total	20.5	7.1	13.4	.8	-	.8	.7	2.1	7.1	6.6	13.4	4.0	2.0
Stories in Structure													
1.....	-	-	-	-	-	-	-	-	-	-	-	-	-
2.....	4.7	3.1	1.6	-	-	.3	.1	.9	.9	1.4	3.3	.3	.6
3.....	12.0	3.4	8.6	.6	-	.5	.3	.7	5.1	4.3	8.1	2.4	1.2
4 to 6.....	2.9	.7	2.2	-	-	-	-	.3	1.0	.8	1.5	.8	.2
7 or more.....	.9	-	.9	-	-	-	-	.2	.1	.3	.4	.5	-
Stories Between Main and Apartment Entrances													
Multiunits, 2 or more floors.....	13.1	1.6	11.5	.2	-	.5	.4	1.3	5.9	4.2	9.2	2.1	1.2
None (on same floor).....	3.3	.9	2.4	.2	-	.2	.1	.3	1.3	1.3	3.0	.4	-
1 (up or down).....	5.3	.3	5.0	-	-	.2	.3	.4	2.8	2.1	4.1	.6	.3
2 or more (up or down).....	4.1	.4	3.7	-	-	-	-	.8	1.6	.9	1.7	1.2	.7
Not reported.....	.4	-	.4	-	-	.2	-	-	.2	.2	.4	-	-
Common Stairways													
Multiunits, 2 or more floors.....	13.1	1.6	11.5	.2	-	.5	.4	1.3	5.9	4.2	9.2	2.1	1.2
No common stairways.....	1.7	.3	1.4	.2	-	-	.1	-	.5	.8	1.4	.3	-
With common stairways.....	11.2	1.3	9.9	-	-	.5	.3	1.3	5.2	3.4	7.6	1.8	1.2
No loose steps.....	10.8	1.3	9.2	-	-	.3	.3	1.1	5.0	3.3	7.3	1.6	1.0
Railings not loose.....	9.9	1.0	8.9	-	-	.3	.3	.8	4.8	3.1	6.8	1.6	.8
Railings loose.....	.2	-	.2	-	-	-	-	-	.2	.2	.2	-	-
No railings.....	.3	.3	-	-	-	-	-	.3	-	-	.3	-	-
Status of railings not reported.....	.2	-	.2	-	-	-	-	-	-	-	-	-	.2
Loose steps.....	.6	-	.6	-	-	.2	-	.2	.2	.2	.3	.1	.2
Railings not loose.....	.3	-	.3	-	-	-	-	.2	.2	.2	-	.1	.2
Railings loose.....	.2	-	.2	-	-	-	-	-	.2	.2	.2	-	-
No railings.....	.2	-	.2	-	-	-	-	-	.2	.2	.2	-	-
Status of railings not reported.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Status of steps not reported.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Status of stairways not reported.....	.2	-	.2	-	-	-	-	-	.2	-	.2	-	-
Light Fixtures in Public Halls													
2 or more units in structure.....	13.1	1.6	11.5	.2	-	.5	.4	1.3	5.9	4.2	9.2	2.1	1.2
No public halls.....	1.8	.3	1.5	.2	-	-	.1	-	.8	.5	1.5	.3	-
No light fixtures in public halls.....	-	-	-	-	-	-	-	-	-	-	-	-	-
All in working order.....	8.6	1.0	7.6	-	-	.3	.3	.9	3.5	2.6	5.3	1.5	1.2
Some in working order.....	1.2	-	1.2	-	-	.2	.2	.7	.7	.3	1.0	.2	-
None in working order.....	.2	-	.2	-	-	-	-	.2	.2	.2	.2	-	-
Unable to determine if working.....	.9	.3	.6	-	-	-	-	.2	.3	.3	.8	.1	-
Not reported.....	.5	-	.5	-	-	-	-	.5	.2	.2	.5	-	-
Elevator on Floor													
Multiunits, 2 or more floors.....	13.1	1.6	11.5	.2	-	.5	.4	1.3	5.9	4.2	9.2	2.1	1.2
With 1 or more elevators working.....	2.3	.4	1.9	-	-	-	-	.6	.3	.6	1.2	.5	.2
With elevator, none in working condition.....	-	-	-	-	-	-	-	-	-	-	-	-	-
No elevator.....	10.7	1.2	9.5	.2	-	.5	.4	.7	5.4	3.5	7.8	1.6	1.0
Units 3 or more floors from main entrance.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Foundation													
1 unit bldg. excl. mobile homes.....	7.3	5.5	1.8	.4	-	.3	.3	.9	1.2	2.4	4.1	1.9	.8
With basement under all of building.....	6.0	4.3	1.7	.4	-	.3	.3	.6	.9	1.8	3.4	1.9	.5
With basement under part of building.....	1.0	.9	.2	-	-	.2	.2	.3	-	.6	.5	-	.3
With crawl space.....	-	-	-	-	-	-	-	-	-	-	-	-	-
On concrete slab.....	.3	.3	-	-	-	-	-	-	.3	-	.3	-	-
Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
External Building Conditions²													
Sagging roof.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Missing roofing material.....	.3	.3	-	-	-	-	-	-	-	.3	.3	-	-
Hole in roof.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Could not see roof.....	4.5	.4	4.1	-	-	.3	.2	.6	1.9	1.1	4.1	.2	.2
Missing bricks, siding, other outside wall material.....	1.0	.3	.7	-	-	.2	-	-	.5	.8	1.0	-	-
Sloping outside walls.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Boarded up windows.....	.3	-	.3	-	-	-	-	-	.3	.3	.2	.2	-
Broken windows.....	1.0	.3	.7	-	-	.3	.3	-	.2	.5	1.0	-	-
Bars on windows.....	.5	-	.5	-	-	-	-	-	.3	.3	.5	-	-
Foundation crumbling or has open crack or hole.....	.5	-	.5	-	-	-	-	-	.7	.6	.2	.2	.2
Could not see foundation.....	2.6	1.0	1.6	-	-	.2	.2	.7	.7	.6	2.3	.2	.2
None of the above.....	13.7	5.6	8.1	.6	-	.2	.5	1.5	4.7	4.4	7.0	3.6	1.8
Could not observe or not reported.....	.2	.2	-	-	-	-	-	-	-	.2	.2	-	-
Site Placement													
Mobile homes.....	-	-	-	-	-	-	-	-	-	-	-	-	-
First site.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Moved from another site.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Don't know.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Not reported.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Previous Occupancy													
Unit built 1980 or later.....	.9	.5	.4	.6	-	-	-	-	.2	.2	-	.4	.2
Not previously occupied.....	.4	.2	.2	.4	-	-	-	-	.2	-	-	.2	.2
Not reported.....	.3	.3	-	-	-	-	-	-	-	-	-	-	-

¹See back cover for details.

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

Table 5-3. Size of Unit and Lot - Occupied Units with Black Householder

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

Characteristics	Total occupied units	Tenure		Housing unit characteristics				Household characteristics			Selected subareas ¹		
		Owner	Renter	New construction 4 yrs	Mobile homes	Physical problems		Elderly (65+)	Moved in past year	Below poverty level	Area one	Area two	Area three
						Severe	Moderate						
Total	20.5	7.1	13.4	.6	-	.8	.7	2.1	7.1	6.6	13.4	4.0	2.0
Rooms													
1 room.....	-	-	-	-	-	-	-	-	-	-	-	-	-
2 rooms.....	1.4	-	1.4	-	-	-	-	.2	1.0	.6	1.4	-	-
3 rooms.....	5.2	.4	4.9	-	-	.3	.1	.6	1.9	1.9	3.2	1.3	.5
4 rooms.....	3.8	.8	3.0	-	-	.2	.8	.5	1.7	.8	2.3	.6	.6
5 rooms.....	3.4	1.9	1.5	.2	-	.2	.6	.9	.5	1.5	2.6	.2	-
6 rooms.....	3.3	.8	2.6	.2	-	.2	.6	.9	1.5	1.5	2.7	.6	-
7 rooms.....	1.8	1.8	-	-	-	-	-	-	.3	-	.4	-	.3
8 rooms.....	.5	.5	-	.2	-	-	-	-	.2	-	-	.3	.2
9 rooms.....	.3	.3	-	-	-	-	-	-	-	-	.3	-	-
10 rooms or more.....	.6	.6	-	-	-	-	-	-	-	.3	.3	-	.3
Median.....	4.4	6.1	3.6	-	-	-	-	-	3.9	4.5	4.4	-	-
Bedrooms													
None.....	1.1	-	1.1	-	-	-	-	.2	.8	.6	1.1	-	-
1.....	7.1	.7	6.4	-	-	.3	.1	.8	2.7	2.0	4.5	1.6	.8
2.....	6.0	2.0	4.0	.4	-	.3	.2	1.1	1.7	1.9	4.4	.8	.3
3.....	4.3	2.5	1.8	-	-	.2	.4	.3	1.7	1.7	2.7	1.0	.3
4 or more.....	1.9	1.9	-	.2	-	-	-	-	.2	.3	.6	.6	.5
Median.....	1.8	2.8	1.4	-	-	-	-	-	1.5	1.8	1.7	-	-
Complete Bathrooms													
None.....	-	-	-	-	-	-	-	-	-	-	-	-	-
1.....	15.3	2.9	12.4	.4	-	.8	.7	2.1	5.6	6.2	10.9	2.5	1.2
1 and one-half.....	2.9	2.3	.6	-	-	-	-	-	.2	-	1.7	.8	.6
2 or more.....	2.3	1.8	.4	.2	-	-	-	-	1.3	.4	.8	.9	.2
Square Footage of Unit													
Single detached and mobile homes.....	6.0	5.2	.8	.2	-	.2	.3	.9	1.1	1.4	3.2	1.5	.8
Less than 500.....	-	-	-	-	-	-	-	-	-	-	-	-	-
500 to 749.....	-	-	-	-	-	-	-	-	-	-	-	-	-
750 to 999.....	-	-	-	-	-	-	-	-	-	-	-	-	-
1,000 to 1,499.....	.7	.5	.2	-	-	.2	.3	.3	.3	.3	.4	.3	.3
1,500 to 1,999.....	1.4	1.2	.3	-	-	-	.3	.3	.3	.3	.6	.3	.3
2,000 to 2,499.....	.9	.7	.2	-	-	-	-	.3	.2	.2	.7	.3	.3
2,500 to 2,999.....	.8	.6	.2	-	-	-	-	.3	.2	.2	.2	.3	.3
3,000 to 3,999.....	1.2	1.2	-	.2	-	-	-	.6	.6	.4	.4	.8	.2
4,000 or more.....	.3	.3	-	-	-	-	-	-	-	.3	.3	.3	.3
Not reported.....	.8	.6	-	-	-	-	-	-	-	.6	.6	-	-
Median.....	2 277	-	-	-	-	-	-	-	-	.6	.6	-	-
Lot Size													
Less than one-eighth acre.....	1.2	1.2	-	-	-	-	-	.3	.3	-	.6	.6	-
One-eighth up to one-quarter acre.....	.2	.2	-	-	-	-	-	-	-	-	.2	.2	-
One-quarter up to one-half acre.....	1.1	1.1	-	-	-	-	-	.3	-	.3	.3	.3	.3
One-half up to one acre.....	-	-	-	-	-	-	-	-	-	-	-	-	-
1 to 4 acres.....	.2	.2	-	.2	-	-	-	-	.2	-	-	-	.2
5 to 9 acres.....	-	-	-	-	-	-	-	-	-	-	-	-	-
10 acres or more.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Don't know.....	4.2	2.5	1.7	.2	-	.2	.3	.3	.7	2.0	2.9	.9	.3
Not reported.....	.5	.3	.2	-	-	.2	-	-	-	.2	.6	-	-
Median.....	.23	.23	-	-	-	-	-	-	-	.2	.6	-	-
Persons Per Room													
0.50 or less.....	11.4	4.5	7.0	.2	-	.5	-	2.1	2.6	2.7	8.0	1.9	.9
0.51 to 1.00.....	8.4	2.4	6.0	.4	-	.3	.7	-	4.5	3.9	5.3	1.8	.9
1.01 to 1.50.....	.4	.3	.2	-	-	-	-	-	-	-	-	-	.2
1.51 or more.....	.2	-	.2	-	-	-	-	-	-	-	-	.2	-
Square Feet Per Person													
Single detached and mobile homes.....	6.0	5.2	.8	.2	-	.2	.3	.9	1.1	1.4	3.2	1.5	.8
Less than 200.....	-	-	-	-	-	-	-	-	-	-	-	-	-
200 to 299.....	.5	.5	-	-	-	-	-	-	-	-	.3	-	-
300 to 399.....	.8	.3	.3	-	-	-	.3	.3	.3	.3	.3	.3	.3
400 to 499.....	.3	.3	-	-	-	-	-	.3	.3	.3	.3	.3	.3
500 to 599.....	.5	.5	-	-	-	-	-	.3	.3	.3	.3	.3	.3
600 to 699.....	.7	.3	.4	-	-	-	-	.6	.6	.3	.4	.3	.3
700 to 799.....	.5	.3	.2	-	-	.2	-	-	-	.2	.2	.3	.3
800 to 899.....	.2	.2	-	.2	-	-	-	-	.2	-	-	-	.2
900 to 999.....	-	-	-	-	-	-	-	-	-	-	-	-	-
1,000 to 1,499.....	1.7	1.7	-	-	-	-	-	.3	.3	.3	1.1	.6	-
1,500 or more.....	.3	.3	-	-	-	-	-	.3	.3	.3	.3	.3	.3
Not reported.....	.8	.6	-	-	-	-	-	-	-	.6	.6	-	-
Median.....	701	-	-	-	-	-	-	-	-	.6	.6	-	-

¹See back cover for details.

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

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

Characteristics	Total occupied units	Tenure		Housing unit characteristics				Household characteristics			Selected subareas ¹		
		Owner	Renter	New construction 4 yrs	Mobile homes	Physical problems		Elderly (65+)	Moved in past year	Below poverty level	Area one	Area two	Area three
						Severe	Moderate						
Total	20.5	7.1	13.4	.6	-	.6	.7	2.1	7.1	6.6	13.4	4.0	2.0
Equipment²													
Lacking complete kitchen facilities.....	.3	-	.3	-	-	.2	.1	-	.1	.3	.3	-	-
With complete kitchen (sink, refrigerator and burners).....	20.1	7.1	13.0	.6	-	.6	.6	2.1	7.0	6.3	13.0	4.0	2.0
Sink.....	20.1	7.1	13.0	.6	-	.6	.6	2.1	7.0	6.3	13.0	4.0	2.0
Refrigerator.....	20.5	7.1	13.4	.6	-	.8	.7	2.1	7.1	6.6	13.4	4.0	2.0
Less than 5 years old.....	5.7	1.3	4.4	.6	-	.3	-	.9	2.6	2.8	3.4	1.0	.8
Age not reported.....	1.3	.4	.9	-	-	.2	-	-	.7	.2	1.1	-	-
Burners and oven.....	20.5	7.1	13.4	.6	-	.8	.7	2.1	7.1	6.6	13.4	4.0	2.0
Less than 5 years old.....	4.9	1.2	3.7	.6	-	.2	-	.5	2.6	2.0	3.2	.9	.4
Age not reported.....	1.1	.4	.8	-	-	.2	-	-	.6	-	1.0	-	-
Burners only.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Less than 5 years old.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Age not reported.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Oven only.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Less than 5 years old.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Age not reported.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Neither burners nor oven.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Dishwasher.....	4.0	2.3	1.7	.2	-	-	.2	-	1.3	.3	1.4	.6	1.3
Less than 5 years old.....	1.5	1.4	.2	.2	-	-	-	-	.2	-	.6	-	.7
Age not reported.....	.3	-	.3	-	-	-	-	-	.3	.2	-	.2	-
Clothes washer.....	8.0	6.0	2.0	.4	-	-	.1	.9	1.7	1.7	5.0	1.7	.8
Less than 5 years old.....	3.0	2.2	.8	.2	-	-	.1	.6	.7	1.1	2.1	.6	.8
Age not reported.....	.5	.3	.2	-	-	-	-	-	.2	-	.3	-	-
Clothes dryer.....	7.0	5.3	1.7	.4	-	-	.1	.9	1.7	1.0	3.6	1.7	.8
Less than 5 years old.....	2.9	2.1	.8	.2	-	-	.1	.3	.7	.4	2.0	.6	-
Age not reported.....	.2	-	.2	-	-	-	-	-	.2	-	-	-	-
Disposal in sink.....	5.9	2.4	3.5	.2	-	.3	.1	.2	2.2	1.7	3.0	1.2	1.0
Less than 5 years old.....	1.7	.9	.7	.2	-	-	-	-	.5	.6	.6	.3	.5
Age not reported.....	.7	.4	.3	-	-	-	-	-	.3	.2	.4	.2	-
Air conditioning:													
Central.....	1.7	.9	.7	-	-	-	-	-	.9	.1	1.2	.1	.3
1 room unit.....	8.5	2.6	5.9	-	-	.2	.4	1.1	2.9	2.0	4.6	2.2	1.2
2 room units.....	.8	.6	.2	-	-	-	-	-	.2	-	.3	.3	-
3 room units or more.....	.2	-	.2	-	-	-	-	-	-	-	-	-	-
Main Heating Equipment													
Warm-air furnace.....	7.2	3.1	4.1	.6	-	.2	.3	.6	2.0	2.2	4.1	1.4	1.0
Steam or hot water system.....	12.0	3.7	8.2	-	-	.5	.4	1.6	4.4	4.2	6.2	2.3	1.0
Electric heat pump.....	.3	.3	-	-	-	-	-	-	.3	-	.3	-	-
Built-in electric units.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Floor, wall, or other built-in hot air units without ducts.....	.3	-	.3	-	-	-	-	-	-	-	.3	-	-
Room heaters with flue.....	.2	-	.2	-	-	.2	-	-	-	-	.2	-	-
Room heaters without flue.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Portable electric heaters.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Stoves.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Fireplaces with inserts.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Fireplaces without inserts.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Other.....	.5	-	.5	-	-	-	-	-	.4	.2	.2	.3	-
None.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Heating Equipment													
With other heating equipment ³	4.8	2.2	2.6	-	-	.2	.4	.5	1.7	.3	3.1	.9	.3
Warm-air furnace.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Steam or hot water system.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Electric heat pump.....	.2	.2	-	-	-	-	-	-	-	.2	.2	-	-
Built-in electric units.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Floor, wall, or other built-in hot-air units without ducts.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Room heaters with flue.....	.8	.3	.3	-	-	.3	.3	.3	.5	-	.3	.3	-
Room heaters without flue.....	.5	.3	.2	-	-	-	-	-	.5	-	.5	.5	-
Portable electric heaters.....	1.3	.6	.7	-	-	.2	.2	.2	.3	-	1.0	.3	-
Stoves.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Fireplaces with inserts.....	.3	.3	-	-	-	-	-	-	-	-	-	-	-
Fireplaces with no inserts.....	.8	.4	.5	-	-	-	-	-	.5	-	.4	-	.3
Other.....	1.2	.3	.9	-	-	-	-	-	.4	.2	.9	.3	-
Plumbing³													
With all plumbing facilities.....	...	...	...	...	...	...	...	...	...	...	...	...	...
Lacking some plumbing facilities ².....	...	...	...	...	...	...	...	...	...	...	...	...	...
No hot piped water.....	...	...	...	...	...	...	...	...	...	...	...	...	...
No bathtub nor shower.....	...	...	...	...	...	...	...	...	...	...	...	...	...
No flush toilet.....	...	...	...	...	...	...	...	...	...	...	...	...	...
No plumbing facilities for exclusive use.....	...	...	...	...	...	...	...	...	...	...	...	...	...
Source of Water													
Public system or private company.....	20.2	6.8	13.4	.6	-	.8	.7	1.9	7.1	6.3	13.4	4.0	2.0
Well serving 1 to 5 units.....	.3	.3	-	-	-	-	-	.3	-	.3	-	-	-
Drilled.....	.3	.3	-	-	-	-	-	.3	-	.3	-	-	-
Dug.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Not reported.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Means of Sewage Disposal													
Public sewer.....	19.9	6.5	13.4	.6	-	.8	.7	1.9	7.1	6.3	13.0	4.0	2.0
Septic tank, cesspool, chemical toilet.....	.6	.6	-	-	-	-	-	.3	-	.3	.3	-	-
Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-

¹See back cover for details.

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

³Data not up to publication standards; see "Qualifications of the Data" section in the Introduction.

Table 5-5. Fuels - Occupied Units with Black Householder

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

Characteristics	Total occupied units	Tenure		Housing unit characteristics				Household characteristics			Selected subareas ¹		
		Owner	Renter	New construction 4 yrs	Mobile homes	Physical problems		Elderly (65+)	Moved in past year	Below poverty level	Area one	Area two	Area three
						Severe	Moderate						
Total	20.5	7.1	13.4	.6	-	.8	.7	2.1	7.1	6.6	13.4	4.0	2.0
Main House Heating Fuel													
Housing units with heating fuel.....	20.5	7.1	13.4	.6	-	.8	.7	2.1	7.1	6.6	13.4	4.0	2.0
Electricity.....	.5	.3	.2	-	-	-	-	-	.3	-	.5	-	-
Piped gas.....	16.5	6.2	10.3	.6	-	.8	.4	1.2	5.8	5.1	11.1	2.9	1.8
Bottled gas.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Fuel oil.....	2.3	.6	1.7	-	-	-	.3	.9	.6	1.2	1.4	.4	.2
Kerosene or other liquid fuel.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Coal or coke.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Wood.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Solar energy.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Other.....	1.2	-	1.2	-	-	-	-	-	.4	.3	.4	.6	-
Other House Heating Fuels													
With other heating fuels ²	2.0	.7	1.3	-	-	-	.3	-	.7	.3	1.1	.7	-
Electricity.....	.2	-	.2	-	-	-	-	-	-	-	.2	-	-
Piped gas.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Bottled gas.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Fuel oil.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Kerosene or other liquid fuel.....	.6	.3	.3	-	-	-	.3	-	.3	-	.3	.3	-
Coal or coke.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Wood.....	.4	.4	-	-	-	-	-	-	-	-	.4	-	-
Solar energy.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Other.....	.9	-	.9	-	-	-	-	-	.4	.3	.2	.5	-
Not reported.....	.2	-	.2	-	-	-	-	-	-	-	.2	-	-
Cooking Fuel													
With cooking fuel.....	20.5	7.1	13.4	.6	-	.8	.7	2.1	7.1	6.6	13.4	4.0	2.0
Electricity.....	8.2	2.0	6.2	.4	-	.3	.4	.6	2.6	3.2	4.0	2.8	.8
Piped gas.....	12.0	4.8	7.1	.2	-	.5	.3	1.3	4.6	3.1	9.3	1.2	1.2
Bottled gas.....	.3	.3	-	-	-	-	-	.3	-	.3	-	-	-
Kerosene or other liquid fuel.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Coal or coke.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Wood.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Water Heating Fuel													
With hot piped water.....	20.5	7.1	13.4	.6	-	.8	.7	2.1	7.1	6.6	13.4	4.0	2.0
Electricity.....	.8	-	.8	-	-	-	-	-	.2	.2	.3	.3	.2
Piped gas.....	17.3	6.5	10.8	.6	-	.8	.4	1.3	6.2	5.4	12.1	2.6	1.8
Bottled gas.....	.3	.3	-	-	-	-	-	.3	-	.3	-	-	-
Fuel oil.....	.6	.3	.3	-	-	-	.3	.3	-	.3	.3	.3	-
Kerosene or other liquid fuel.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Coal or coke.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Wood.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Solar energy.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Other.....	1.5	-	1.5	-	-	-	-	.2	.7	.5	.6	.7	-
Central Air Conditioning Fuel													
With central air conditioning.....	1.7	.9	.7	-	-	-	-	-	.9	.1	1.2	.1	.3
Electricity.....	1.1	.6	.5	-	-	-	-	-	.7	.1	1.0	.1	-
Piped gas.....	.3	.3	-	-	-	-	-	-	-	-	-	-	.3
Other.....	.2	-	.2	-	-	-	-	-	.2	-	.2	-	-
Clothes Dryer Fuel													
With clothes dryer.....	7.0	5.3	1.7	.4	-	-	.1	.9	1.7	1.0	3.8	1.7	.8
Electricity.....	1.8	.9	.9	.2	-	-	-	.3	.7	.5	.9	.4	-
Piped gas.....	5.2	4.4	.8	.2	-	-	.1	.6	1.0	.6	2.8	1.3	.8
Other.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Units Using Each Fuel²													
Electricity.....	20.5	7.1	13.4	.6	-	.8	.7	2.1	7.1	6.6	13.4	4.0	2.0
All-electric units.....	.2	-	.2	-	-	-	-	-	-	-	.2	-	-
Piped gas.....	19.7	6.8	12.9	.6	-	.8	.4	1.9	7.1	6.3	13.2	3.7	2.0
Bottled gas.....	.3	.3	-	-	-	-	-	.3	-	.3	-	-	-
Fuel oil.....	3.1	.6	2.5	-	-	-	.3	.9	1.2	1.5	1.9	.7	.2
Kerosene or other liquid fuel.....	.6	.3	.3	-	-	-	.3	.3	.3	.3	.3	.3	-
Coal or coke.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Wood.....	.4	.4	-	-	-	-	-	-	-	-	.4	-	-
Solar energy.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Other.....	1.5	-	1.5	-	-	-	-	.2	.7	.5	.6	.7	-

¹See back cover for details.

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

Table 5-9. Household Composition - Occupied Units with Black Householder - Con.

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

Characteristics	Total occupied units	Tenure		Housing unit characteristics				Household characteristics			Selected subareas ¹		
		Owner	Renter	New construction 4 yrs	Mobile homes	Physical problems		Elderly (65+)	Moved in past year	Below poverty level	Area one	Area two	Area three
						Severe	Moderate						
Household Moves and Formation After 1979													
Total with a move after 1979 -----	13.0	2.3	10.7	.6	-	.8	.7	.2	7.1	4.4	8.2	2.8	1.2
Household all moved here from one unit -----	10.0	1.7	8.2	.4	-	.8	.4	.2	6.1	3.5	6.6	2.1	.9
Householder of previous unit did not move here -----	2.0	-	2.0	-	-	.3	-	-	1.1	.8	1.3	.4	.3
Householder of previous unit moved here -----	8.0	1.7	6.2	.4	-	.5	.4	.2	5.0	2.7	5.3	1.7	.6
Householder of previous unit not reported -----	-	-	-	-	-	-	-	-	-	-	-	-	-
Household moved here from two or more units -----	1.7	.4	1.3	-	-	-	-	-	.8	.3	1.0	.3	-
No previous householder moved here -----	.2	-	.2	-	-	-	-	-	-	-	.2	-	-
1 previous householder moved here -----	1.0	.4	.8	-	-	-	-	-	.5	-	.7	-	-
2 or more previous householders moved here -----	.3	-	.3	-	-	-	-	-	.1	.1	-	.3	-
Previous householder(s) not reported -----	.2	-	.2	-	-	-	-	-	.2	.2	.2	-	-
Some already here, rest moved in -----	1.3	.2	1.2	.2	-	-	.3	-	.3	.6	.8	.4	.3
No previous householder moved here -----	.5	-	.5	-	-	-	.1	-	.1	.5	.3	.2	-
1 or more previous householders moved here -----	.9	.2	.7	.2	-	-	.2	-	.2	.2	.3	.2	.3
Previous householder(s) not reported -----	-	-	-	-	-	-	-	-	-	-	-	-	-
Number of previous units not reported -----	-	-	-	-	-	-	-	-	-	-	-	-	-

¹See back cover for details.

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

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

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

Characteristics	Total occupied units	Tenure		Housing unit characteristics				Household characteristics			Selected subareas ¹		
		Owner	Renter	New construction 4 yrs	Mobile homes	Physical problems		Elderly (65+)	Moved in past year	Below poverty level	Area one	Area two	Area three
						Severe	Moderate						
UNITS WHERE HOUSEHOLDER MOVED DURING PAST YEAR													
Total.....	7.1	.9	6.3	.2	-	-	.3	.2	7.1	2.7	4.6	1.4	.7
Location of Previous Unit													
Inside same (P)MSA.....	5.7	.5	5.2	.2	-	-	.3	.2	5.7	2.3	3.7	.9	.7
In central city(s).....	5.1	.3	4.8	-	-	-	.3	.2	5.1	2.3	3.4	.9	.5
Not in central city(s).....	.7	.2	.5	.2	-	-	-	-	.7	-	.3	-	.2
Inside different (P)MSA in same state.....	1.0	.3	.7	-	-	-	-	-	1.0	.2	.7	.3	-
In central city(s).....	1.0	.3	.7	-	-	-	-	-	1.0	.2	.7	.3	-
Not in central city(s).....	-	-	-	-	-	-	-	-	-	-	-	-	-
Inside different (P)MSA in different state.....	.4	-	.4	-	-	-	-	-	.4	.2	.2	.2	-
In central city(s).....	.4	-	.4	-	-	-	-	-	.4	.2	.2	.2	-
Not in central city(s).....	.4	-	.4	-	-	-	-	-	.4	.2	.2	.2	-
Outside any metropolitan area.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Same state.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Different state.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Different nation.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Structure Type of Previous Residence													
Moved from within United States.....	7.1	.9	6.3	.2	-	-	.3	.2	7.1	2.7	4.6	1.4	.7
House.....	2.6	.9	1.8	.2	-	-	-	-	2.6	.6	1.1	.8	.5
Apartment.....	4.4	-	4.4	-	-	-	.3	.2	4.4	2.1	3.5	.8	.2
Mobile home.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Other.....	.2	-	.2	-	-	-	-	-	.2	-	-	-	-
Tenure of Previous Residence													
House, apt., mobile home in United States.....	7.0	.9	6.1	.2	-	-	.3	.2	7.0	2.7	4.6	1.4	.7
Owner occupied.....	1.0	.5	.5	.2	-	-	-	-	1.0	-	.5	.1	.2
Renter occupied.....	6.0	.3	5.7	-	-	-	.3	.2	6.0	2.7	4.1	1.2	.5
Persons - Previous Residence													
House, apt., mobile home in United States.....	7.0	.9	6.1	.2	-	-	.3	.2	7.0	2.7	4.6	1.4	.7
1 person.....	.8	-	.8	-	-	-	-	.2	.8	.5	.7	.1	-
2 persons.....	1.8	-	1.8	-	-	-	-	-	1.8	.5	1.5	.2	.2
3 persons.....	1.9	-	1.3	-	-	-	-	-	1.3	.6	.9	.3	-
4 persons.....	1.5	.5	.9	.2	-	-	-	-	1.5	.3	.6	.2	.5
5 persons.....	1.1	.3	.7	-	-	-	-	-	1.1	.3	.4	.8	-
6 persons.....	.4	-	.4	-	-	-	.1	-	.4	.4	.4	-	-
7 persons or more.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Not reported.....	.2	-	.2	-	-	-	-	-	.2	.2	.2	-	-
Median.....	3.1	-	2.8	-	-	-	-	-	3.1	-	-	-	-
Previous Home Owned or Rented by Someone Who Moved Here													
House, apt., mobile home in United States.....	7.0	.9	6.1	.2	-	-	.3	.2	7.0	2.7	4.6	1.4	.7
Owned or rented by a mover.....	5.5	.8	4.6	.2	-	-	.1	.2	5.5	2.2	3.8	1.1	.4
Owned or rented by other.....	1.4	-	1.4	-	-	-	.1	-	1.4	.3	.8	.3	.3
By a relative.....	1.1	-	1.1	-	-	-	.1	-	1.1	.3	.6	.3	-
By a nonrelative.....	.3	-	.3	-	-	-	-	-	.3	-	.2	-	.3
Not reported.....	.2	-	.2	-	-	-	-	-	.2	.2	.2	-	-
Change in Housing Costs													
House, apt., mobile home in United States.....	7.0	.9	6.1	.2	-	-	.3	.2	7.0	2.7	4.6	1.4	.7
Increased with move.....	4.4	.5	3.9	.2	-	-	.3	.2	4.4	1.4	2.7	.7	.7
Stayed about the same.....	1.0	-	1.0	-	-	-	-	-	1.0	.5	.8	.2	-
Decreased.....	1.4	.3	1.0	-	-	-	-	-	1.4	.7	.9	.5	-
Don't know.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Not reported.....	.2	-	.2	-	-	-	-	-	.2	.2	.2	-	-

¹See back cover for details.

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

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

Characteristics	Total occupied units	Tenure		Housing unit characteristics				Household characteristics			Selected subareas ¹		
		Owner	Renter	New construction 4 yrs	Mobile homes	Physical problems		Elderly (65+)	Moved in past year	Below poverty level	Area one	Area two	Area three
						Severe	Moderate						
OWNERS WITH ONE OR MORE MORTGAGES—Con.													
Term of Primary Mortgage at Origination or Assumption													
Less than 8 years	-	-	-	-	-	-	-	-	-	-	-	-	
8 to 12 years	-	-	-	-	-	-	-	-	-	-	-	-	
13 to 17 years	-	-	-	-	-	-	-	-	-	-	-	-	
18 to 22 years .....	.6	.6	-	-	-	-	-	.3	-	-	.3	.3
23 to 27 years .....	.3	.3	-	-	-	-	-	-	-	-	-	-
28 to 32 years	3.3	3.3	-	.2	-	-	-	-	.5	-	2.0	.6	
33 years or more .....	.3	.3	-	-	-	-	-	-	-	.3	.3	-
Variable	-	-	-	-	-	-	-	-	-	-	-	-	
Not reported	1.1	1.1	-	-	-	-	.2	-	-	.2	.9	-	
Median	30	30	-	-	-	-	-	-	-	-	-	-	
Remaining Years Mortgaged													
Less than 8 years .....	.3	.3	-	-	-	-	-	-	-	-	-	.3
8 to 12 .....	.3	.3	-	-	-	-	-	-	-	-	.3	-
13 to 17	1.2	1.3	-	-	-	-	-	.3	-	-	1.3	-	
18 to 22 .....	.7	.7	-	-	-	-	-	-	-	.3	.3	.3
23 to 27	1.0	1.0	-	-	-	-	-	-	.3	.3	.2	.3	
28 to 32	1.5	1.5	-	.2	-	-	-	-	-	-	1.0	-	
33 years or more	-	-	-	-	-	-	-	-	.5	-	-	.5	
Variable	-	-	-	-	-	-	-	-	-	-	-	-	
Not reported .....	.6	.6	-	-	-	-	.2	-	-	.2	.5	-
Median	23	23	-	-	-	-	-	-	-	.2	.5	.2	
Current Interest Rate													
Less than 6 percent .....	.5	.5	-	-	-	-	-	-	-	-	.2	.3
6 to 7.9 .....	.6	.6	-	-	-	-	-	-	-	.3	.6	-
8 to 9.9 .....	.8	.8	-	-	-	-	-	-	-	-	.3	.3
10 to 11.9 .....	.4	.4	-	-	-	-	-	-	-	-	.4	-
12 to 13.9	-	-	-	.2	-	-	-	-	-	-	.2	.2	
14 to 15.9 .....	.4	.4	-	-	-	-	-	.2	-	-	.2	.2
16 to 17.9	-	-	-	-	-	-	-	-	-	-	-	-	
18 to 19.9	-	-	-	-	-	-	-	-	-	-	-	-	
20 percent or more	-	-	-	-	-	-	.2	-	-	-	-	.5	
Not reported	3.0	3.0	-	-	-	-	.2	-	.7	.2	2.2	.3	
Median	6.1	6.1	-	-	-	-	-	.3	.7	.2	2.2	.3	
Total Outstanding Principal Amount													
Less than \$10,000 .....	.3	.3	-	-	-	-	-	-	-	-	-	.3
\$10,000 to \$19,999 .....	.6	.6	-	-	-	-	-	-	-	.3	.6	.3
\$20,000 to \$29,999	-	-	-	-	-	-	-	-	-	-	.3	-	
\$30,000 to \$39,999 .....	.5	.5	-	-	-	-	-	-	-	-	.3	.3
\$40,000 to \$49,999 .....	.5	.5	-	-	-	-	-	-	-	-	.3	-
\$50,000 to \$59,999 .....	.3	.3	-	-	-	-	-	-	-	-	.3	-
\$60,000 to \$69,999 .....	.3	.3	-	-	-	-	-	-	-	-	.3	-
\$70,000 to \$79,999	-	-	-	-	-	-	-	-	-	-	-	-	
\$80,000 to \$99,999 .....	.2	.2	-	.2	-	-	-	-	.2	-	-	.2
\$100,000 to \$119,999	-	-	-	-	-	-	-	-	-	-	-	-	
\$120,000 to \$149,999	-	-	-	-	-	-	-	-	-	-	-	-	
\$150,000 to \$199,999	-	-	-	-	-	-	-	-	-	-	-	-	
\$200,000 to \$249,999	-	-	-	-	-	-	-	-	-	-	-	-	
\$250,000 to \$299,999	-	-	-	-	-	-	-	-	-	-	-	-	
\$300,000 or more	-	-	-	-	-	-	-	-	-	-	-	-	
Not reported	3.0	3.0	-	-	-	-	.2	-	.7	.2	2.2	.3	
Median	39 093	39 093	-	-	-	-	-	.3	.7	.2	2.2	.3	
Current Total Loan as Percent of Value													
Less than 20 percent .....	.3	.3	-	-	-	-	-	-	-	-	-	.3
20 to 39 .....	.6	.6	-	-	-	-	-	-	-	-	.3	.3
40 to 59 .....	.5	.5	-	.2	-	-	-	-	.2	.3	.3	.3
60 to 79 .....	.7	.7	-	-	-	-	-	-	-	-	.3	.3
80 to 89	-	-	-	-	-	-	-	-	-	-	-	-	
90 to 99 .....	.4	.4	-	-	-	-	-	-	-	-	.4	.4
100 percent or more .....	.2	.2	-	-	-	-	-	-	-	-	.2	.2
Not reported	3.0	3.0	-	-	-	-	.2	-	.3	.2	2.2	.3	
Median	56.5	56.5	-	-	-	-	-	.3	.7	.2	2.2	.3	

¹See back cover for details.²Figures 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 Householder—Con.

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

Characteristics	Occupied units											
	Total	Rooms					Bedrooms					
		1 and 2 rooms	3 and 4 rooms	5 and 6 rooms	7 rooms or more	Median	No rooms	1 room	2 rooms	3 rooms	4 rooms or more	Median
OWNER OCCUPIED UNITS												
Total.....	7.1	-	1.2	2.7	3.2	6.3	-	.7	2.0	2.5	1.9	2.8
Value												
Less than \$10,000.....	-	-	-	-	-	...	-	-	-	-	-	...
\$10,000 to \$19,999.....	-	-	-	-	-	...	-	-	-	-	-	...
\$20,000 to \$29,999.....	.5	-	.2	.3	-	...	-	-	.2	.3	-	...
\$30,000 to \$39,999.....	1.1	-	.6	.4	-	...	-	-	.8	.3	-	...
\$40,000 to \$49,999.....	.9	-	-	.6	.3	...	-	-	.3	.3	.3	...
\$50,000 to \$59,999.....	1.4	-	.4	.3	.7	...	-	.4	.3	.7	-	...
\$60,000 to \$69,999.....	1.0	-	-	.4	.6	...	-	-	.4	-	.6	...
\$70,000 to \$79,999.....	.9	-	-	.6	.3	...	-	.3	-	.6	-	...
\$80,000 to \$89,999.....	.8	-	-	-	.8	...	-	-	-	.3	.5	...
\$100,000 to \$119,999.....	-	-	-	-	-	...	-	-	-	-	-	...
\$120,000 to \$149,999.....	-	-	-	-	-	...	-	-	-	-	-	...
\$150,000 to \$199,999.....	.2	-	-	-	.2	...	-	-	-	-	.2	...
\$200,000 to \$249,999.....	.3	-	-	-	.3	...	-	-	-	-	.3	...
\$250,000 to \$299,999.....	-	-	-	-	-	...	-	-	-	-	-	...
\$300,000 or more.....	-	-	-	-	-	...	-	-	-	-	-	...
Median	58 117	...	...	...	...	...	...	...	...	...	...	...

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

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

Characteristics	Size of occupied detached 1-family homes and mobile homes								Median
	Total	Less than 500 square feet	500 to 999 square feet	1000 to 1499 square feet	1500 to 1999 square feet	2000 to 2499 square feet	2500 square feet or more	Not reported	
Total	6.0	-	-	.7	1.4	.9	2.3	.6	2 277
Persons									
1 person.....	.6	-	-	-	.3	-	-	.3	...
2 persons.....	1.2	-	-	.4	-	.4	.3	-	...
3 persons.....	1.2	-	-	-	-	.2	1.0	-	...
4 persons.....	1.5	-	-	-	.6	.3	.7	-	...
5 persons.....	.6	-	-	.3	-	-	.3	-	...
6 persons.....	.6	-	-	-	.3	-	-	.3	...
7 persons or more.....	.3	-	-	-	.3	-	-	-	...
Median.....	3.5	-	-	-	-	-	-	-	...
Rooms									
1 room.....	-	-	-	-	-	-	-	-	...
2 rooms.....	-	-	-	-	-	-	-	-	...
3 rooms.....	-	-	-	-	-	-	-	-	...
4 rooms.....	-	-	-	-	-	-	-	-	...
5 rooms.....	1.2	-	-	.5	.3	.3	-	-	...
6 rooms.....	1.6	-	-	.2	.8	.4	.2	.3	...
7 rooms.....	1.8	-	-	-	.6	-	1.3	-	...
8 rooms.....	.5	-	-	-	-	.3	.2	-	...
9 rooms.....	.3	-	-	-	-	-	.3	-	...
10 rooms or more.....	.6	-	-	-	-	-	.3	.3	...
Median.....	6.6	-	-	-	-	-	-	-	...
Bedrooms									
None.....	-	-	-	-	-	-	-	-	...
1.....	.8	-	-	-	.3	.4	-	-	...
2.....	3.3	-	-	.7	.9	.2	1.2	.3	...
3.....	1.9	-	-	-	.3	.3	1.1	.3	...
4 or more.....	3.2	-	-	-	-	-	-	-	...
Median.....	3.2	-	-	-	-	-	-	-	...
Complete Bathrooms									
None.....	-	-	-	-	-	-	-	-	...
1.....	2.1	-	-	.7	.6	.3	.2	.3	...
1 and one-half.....	2.2	-	-	-	.3	.4	1.5	-	...
2 or more.....	1.7	-	-	-	.6	.3	.6	.3	...
Median.....	2.3	-	-	-	-	-	-	-	...
Lot Size									
Less than one-eighth acre.....	1.2	-	-	.3	-	.3	.6	-	...
One-eighth up to one-quarter acre.....	.2	-	-	-	-	.2	-	-	...
One-quarter up to one-half acre.....	1.1	-	-	.3	.3	.3	.3	-	...
One-half up to one acre.....	-	-	-	-	-	-	-	-	...
1 to 4 acres.....	.2	-	-	-	-	-	.2	-	...
5 to 9 acres.....	-	-	-	-	-	-	-	-	...
10 acres or more.....	-	-	-	-	-	-	-	-	...
Don't know.....	3.3	-	-	.2	1.2	.2	1.1	.6	...
Not reported.....	-	-	-	-	-	-	-	-	...
Median.....	2.3	-	-	-	-	-	-	-	...
Income of Families and Primary Individuals									
Less than \$5,000.....	.9	-	-	-	.3	-	-	.6	...
\$5,000 to \$9,999.....	.7	-	-	.3	-	.3	.2	-	...
\$10,000 to \$14,999.....	.3	-	-	-	-	-	.3	-	...
\$15,000 to \$19,999.....	.7	-	-	-	-	-	.7	-	...
\$20,000 to \$24,999.....	.3	-	-	.3	-	-	-	-	...
\$25,000 to \$29,999.....	.6	-	-	.2	.3	.2	-	-	...
\$30,000 to \$34,999.....	.3	-	-	-	.3	-	-	-	...
\$35,000 to \$39,999.....	.8	-	-	-	.3	-	.5	-	...
\$40,000 to \$49,999.....	.4	-	-	-	-	.4	-	-	...
\$50,000 to \$59,999.....	.3	-	-	-	.3	-	-	-	...
\$60,000 to \$79,999.....	.3	-	-	-	-	-	.3	-	...
\$80,000 to \$99,999.....	.3	-	-	-	-	-	.3	-	...
\$100,000 to \$119,999.....	-	-	-	-	-	-	-	-	...
\$120,000 or more.....	-	-	-	-	-	-	-	-	...
Median.....	25 364	-	-	-	-	-	-	-	...
Monthly Housing Costs									
Less than \$100.....	.3	-	-	-	.3	-	-	-	...
\$100 to \$199.....	.7	-	-	.3	-	.3	.2	-	...
\$200 to \$249.....	.6	-	-	-	-	-	.6	-	...
\$250 to \$299.....	.6	-	-	-	-	-	-	.6	...
\$300 to \$349.....	.3	-	-	-	-	-	-	-	...
\$350 to \$399.....	.3	-	-	.3	-	-	.3	-	...
\$400 to \$449.....	.3	-	-	-	-	-	.3	-	...
\$450 to \$499.....	.5	-	-	.2	-	-	.3	-	...
\$500 to \$599.....	.9	-	-	-	.3	.2	.4	-	...
\$600 to \$699.....	1.0	-	-	-	.5	.4	-	-	...
\$700 to \$799.....	.3	-	-	-	.3	-	-	-	...
\$800 to \$899.....	.2	-	-	-	-	-	.2	-	...
\$1,000 to \$1,249.....	.3	-	-	-	-	-	.3	-	...
\$1,250 to \$1,499.....	.2	-	-	-	-	-	.2	-	...
\$1,500 or more.....	.3	-	-	-	-	-	.3	-	...
No cash rent.....	-	-	-	-	-	-	-	-	...
Mortgage payment not reported.....	-	-	-	-	-	-	-	-	...
Median (excludes no cash rent).....	466	-	-	-	-	-	-	-	...

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

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

Characteristics	Size of occupied detached 1-family homes and mobile homes								Median
	Total	Less than 500 square feet	500 to 999 square feet	1000 to 1499 square feet	1500 to 1999 square feet	2000 to 2499 square feet	2500 square feet or more	Not reported	
OWNER OCCUPIED UNITS									
Total.....	5.2	-	-	.5	1.2	.7	2.1	.6	---
Value									
Less than \$10,000.....	-	-	-	-	-	-	-	-	---
\$10,000 to \$19,999.....	-	-	-	-	-	-	-	-	---
\$20,000 to \$29,999.....	.3	-	-	-	-	-	-	.3	---
\$30,000 to \$39,999.....	.3	-	-	.3	-	-	-	.3	---
\$40,000 to \$49,999.....	.9	-	-	.3	.3	-	-	-	---
\$50,000 to \$59,999.....	.7	-	-	-	-	-	.7	-	---
\$60,000 to \$69,999.....	1.0	-	-	-	-	.4	.6	-	---
\$70,000 to \$79,999.....	.6	-	-	-	.3	-	.3	-	---
\$80,000 to \$99,999.....	.8	-	-	-	.6	.3	-	-	---
\$100,000 to \$119,999.....	-	-	-	-	-	-	-	-	---
\$120,000 to \$149,999.....	-	-	-	-	-	-	-	-	---
\$150,000 to \$199,999.....	.2	-	-	-	-	-	.2	-	---
\$200,000 to \$249,999.....	.3	-	-	-	-	-	.3	-	---
\$250,000 to \$299,999.....	-	-	-	-	-	-	-	-	---
\$300,000 or more.....	-	-	-	-	-	-	-	-	---
Median.....	---	---	---	---	---	---	---	---	---

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

[Numbers in thousands. ... 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
RENTER OCCUPIED UNITS														
Total	13.4	-	2.2	5.1	1.6	1.6	1.9	.8	.2	-	-	-	-	9 417
Rent Reductions														
No subsidy or income reporting	9.2	-	.9	2.9	1.3	1.2	1.9	.8	.2	-	-	-	-	13 013
Rent control .....	.2	-	-	-	-	-	-	.2	-	-	-	-	-	...
No rent control	9.0	-	.9	2.9	1.3	1.2	1.9	.7	.2	-	-	-	-	12 702
Reduced by owner .....	.5	-	.2	.2	-	.2	.2	-	-	-	-	-	-	...
Not reduced by owner	8.6	-	.9	2.7	1.3	1.0	1.7	.7	.2	-	-	-	-	12 417
Owner reduction not reported	-	-	-	-	-	-	-	-	-	-	-	-	-	...
Rent control not reported	-	-	-	-	-	-	-	-	-	-	-	-	-	...
Owned by public housing authority	1.5	-	.4	.9	.2	-	-	-	-	-	-	-	-	...
Other, Federal subsidy	2.0	-	.7	.8	.1	.4	-	-	-	-	-	-	-	...
Other, State or local subsidy .....	.2	-	-	.2	-	-	-	-	-	-	-	-	-	...
Other, income verification .....	.5	-	.2	.4	-	-	-	-	-	-	-	-	-	...
Subsidy or income verification not reported	-	-	-	-	-	-	-	-	-	-	-	-	-	...

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

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

[Numbers in thousands. ... 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 \$899	\$1,000 to \$1,499	\$1,500 or more	No cash rent	Mortgage payment not reported	Median excluding no cash rent
RENTER OCCUPIED UNITS															
Total.....	13.4	.6	2.9	2.6	3.3	2.2	1.3	.4	.3	-	-	-	-	...	322
Rent Reductions															
No subsidy or income reporting.....	9.2	.2	.3	2.5	2.5	1.8	1.3	.4	.3	-	-	-	-	...	367
Rent control.....	.2	-	-	-	.2	-	-	-	-	-	-	-	-	...	...
No rent control.....	9.0	.2	.3	2.5	2.3	1.8	1.3	.4	.3	-	-	-	-	...	368
Reduced by owner.....	.5	-	.2	.2	-	.2	-	-	-	-	-	-	-	...	...
Not reduced by owner.....	8.6	.2	.2	2.3	2.3	1.7	1.3	.4	.3	-	-	-	-	...	372
Owner reduction not reported.....	-	-	-	-	-	-	-	-	-	-	-	-	-	...	...
Rent control not reported.....	-	-	-	-	-	-	-	-	-	-	-	-	-	...	...
Owned by public housing authority.....	1.5	.1	1.0	.2	.1	-	-	-	-	-	-	-	-	...	...
Other, Federal subsidy.....	2.0	.2	1.1	-	.5	.2	-	-	-	-	-	-	-	...	...
Other, State or local subsidy.....	.2	-	-	-	-	.2	-	-	-	-	-	-	-	...	...
Other, income verification.....	.5	-	.4	-	.2	-	-	-	-	-	-	-	-	...	...
Subsidy or income verification not reported.....	-	-	-	-	-	-	-	-	-	-	-	-	-	...	...

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

Table 5-22. Value by Selected Characteristics - Owner Occupied Units with Black Householder—Con.

[Numbers in thousands. ... 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
Monthly Housing Costs as Percent of Income													
Less than 5 percent	.3	-	-	-	-	.3	-	-	-	-	-	-	...
5 to 9 percent	.6	-	-	-	-	.6	-	-	-	-	-	-	...
10 to 14 percent	.2	.2	-	-	-	-	-	-	-	-	-	-	...
15 to 19 percent	.4	-	-	-	.4	-	-	-	-	-	-	-	...
20 to 24 percent	1.8	-	.3	.6	-	.5	.3	-	-	-	-	-	...
25 to 29 percent	1.5	-	-	-	.4	.3	.6	-	-	-	-	-	...
30 to 34 percent	-	-	-	-	-	-	-	-	.3	-	-	-	...
35 to 39 percent	1.1	-	.4	-	.3	.3	-	-	.2	-	-	-	...
40 to 49 percent	.2	-	-	-	-	-	-	-	-	-	-	-	...
50 to 59 percent	-	-	-	-	-	-	-	-	-	-	-	-	...
60 to 69 percent	-	-	-	-	-	-	-	-	-	-	-	-	...
70 percent or more	.6	.3	-	.3	-	-	-	-	-	-	-	-	...
Zero or negative income	-	-	-	-	-	-	-	-	-	-	-	-	...
No cash rent	-	-	-	-	-	-	-	-	-	-	-	-	...
Mortgage payment not reported	.6	-	.3	-	.3	-	-	-	-	-	-	-	...
Median (excludes 3 previous lines)	26	-	-	-	-	-	-	-	-	-	-	-	...
Monthly Payment for Principal and Interest													
Less than \$100	.9	.3	.3	-	-	.3	-	-	-	-	-	-	...
\$100 to \$199	1.2	-	-	.3	.3	.6	-	-	-	-	-	-	...
\$200 to \$249	-	-	-	-	-	-	-	-	-	-	-	-	...
\$250 to \$299	.3	-	-	-	-	-	.3	-	-	-	-	-	...
\$300 to \$349	.2	-	-	-	-	-	-	-	-	-	-	-	...
\$350 to \$399	.4	-	.2	-	-	-	-	-	-	-	-	-	...
\$400 to \$449	.4	-	-	-	.4	-	-	-	-	-	-	-	...
\$450 to \$499	.4	-	-	-	.4	-	-	-	-	-	-	-	...
\$500 to \$599	.7	-	-	-	-	.2	.5	-	-	-	-	-	...
\$600 to \$699	.5	.2	-	-	-	.3	-	-	-	-	-	-	...
\$700 to \$799	.2	-	-	-	-	-	-	-	.2	-	-	-	...
\$800 to \$999	.3	-	-	-	-	-	-	-	-	.3	-	-	...
\$1,000 to \$1,249	.6	-	.3	-	.3	-	-	-	-	-	-	-	...
\$1,250 to \$1,499	.6	-	-	-	-	-	-	-	-	-	.3	-	...
\$1,500 or more	-	-	-	-	-	-	-	-	-	-	-	-	...
Not reported	.6	-	.3	-	.3	-	-	-	-	-	-	-	...
Median	318	-	-	-	-	-	-	-	-	-	-	-	...
Average Monthly Cost Paid for Real Estate Taxes													
Less than \$25	.2	-	.2	-	-	-	-	-	-	-	-	-	...
\$25 to \$49	2.1	-	.4	.9	.3	1.5	-	-	-	-	-	-	...
\$50 to \$74	3.1	.5	.5	-	.7	1.2	.3	-	-	-	-	-	...
\$75 to \$99	.8	-	-	-	-	.3	.3	.3	-	-	-	-	...
\$100 to \$149	.6	-	-	-	.3	.3	.3	-	.3	-	-	-	...
\$150 to \$199	.3	-	-	-	-	-	-	-	-	.3	-	-	...
\$200 or more	.3	-	-	-	-	-	-	-	-	-	-	-	...
Median	60	-	-	-	-	-	-	-	-	.3	-	-	...
Purchase Price													
Home purchased or built	6.8	.5	.7	.9	1.4	2.0	.8	-	.2	.3	-	-	59 275
Less than \$10,000	-	-	-	-	-	-	-	-	-	-	-	-	...
\$10,000 to \$19,999	3.1	.3	.3	.9	.7	.6	-	-	-	-	-	-	...
\$20,000 to \$29,999	.9	-	-	-	.3	.6	-	-	-	-	-	-	...
\$30,000 to \$39,999	-	-	-	-	-	-	-	-	-	-	-	-	...
\$40,000 to \$49,999	.6	-	.2	-	-	.3	.3	-	-	-	-	-	...
\$50,000 to \$59,999	.7	-	-	-	.4	-	.3	-	-	-	-	-	...
\$60,000 to \$69,999	-	-	-	-	-	-	-	-	-	-	-	-	...
\$70,000 to \$79,999	.7	.2	-	-	-	.3	.3	-	-	-	-	-	...
\$80,000 to \$99,999	-	-	-	-	-	-	-	-	-	-	-	-	...
\$100,000 to \$119,999	-	-	-	-	-	-	-	-	.2	-	-	-	...
\$120,000 to \$149,999	.5	-	-	-	-	-	-	-	.3	.3	-	-	...
\$150,000 to \$199,999	-	-	-	-	-	-	-	-	-	-	-	-	...
\$200,000 to \$249,999	-	-	-	-	-	-	-	-	-	-	-	-	...
\$250,000 to \$299,999	-	-	-	-	-	-	-	-	-	-	-	-	...
\$300,000 or more	-	-	-	-	-	-	-	-	-	-	-	-	...
Not reported	.3	-	.3	-	-	-	-	-	-	-	-	-	...
Median	21 773	-	-	-	-	-	-	-	-	-	-	-	...
Received as inheritance or gift	-	-	-	-	-	-	-	-	-	-	-	-	...
Not reported	.3	-	.3	-	-	-	-	-	-	-	-	-	...

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

Appendix A.

Area Classifications, Definitions and Explanations of Subject Characteristics, and Facsimile of the American Housing Survey Questionnaire: 1985

AREA CLASSIFICATIONS	App-2	Suitability for year-round use	App-7	Electric fuses and circuit breakers	App-12
Metropolitan statistical areas	App-2	Housing Units Occupied by Recent Movers	App-7	Equipment	App-12
Primary metropolitan statistical areas	App-2	Recent movers	App-7	Complete kitchen facilities	App-12
Consolidated metropolitan statistical area	App-2	Present and previous units	App-7	Kitchen sink	App-12
Central cities	App-2	Location of previous unit	App-7	Refrigerator	App-12
Central counties	App-3	Tenure of previous unit	App-7	Burners and oven	App-12
Outlying counties	App-3	Structure type of previous residence	App-7	Dishwasher	App-13
Selected subareas	App-3	Persons—previous residence	App-7	Washing machine	App-13
Selected geographic areas	App-3	Previous home owned or rented by someone who moved here	App-7	Clothes dryers	App-13
Standard metropolitan statistical areas	App-3	Change in housing costs	App-7	Disposal in sink	App-13
DEFINITIONS AND EXPLANATIONS OF SUBJECT CHARACTERISTICS	App-3	Reasons for leaving previous unit	App-7	Air conditioning	App-13
General	App-3	Choice of present neighborhood and neighborhood search	App-8	Housing and Neighborhood Quality	App-13
Comparability with the 1974 through 1983 Annual Housing Survey data	App-3	Choice of present home and home search	App-8	Selected amenities	App-13
Comparability with 1980 Census of Housing data	App-3	Recent mover comparison to previous home	App-8	Porch, deck, balcony, or patio	App-13
Comparability with 1980 Census of Population data	App-4	Recent mover comparison to previous neighborhood	App-8	Telephone available	App-13
Comparability with Current Construction Reports from the Survey of Construction	App-4	Utilization Characteristics	App-8	Usable fireplace	App-13
Comparability with other Bureau of the Census data	App-4	Persons	App-8	Separate dining room	App-13
Comparability with housing vacancy surveys	App-4	Rooms	App-9	Living rooms, recreation rooms, etc.	App-13
Living Quarters	App-4	Persons per room	App-9	Garage or carport	App-13
Housing units	App-4	Bedrooms	App-9	Selected deficiencies	App-13
Group quarters	App-5	Square footage of unit	App-9	Signs of rats	App-13
Hotels, motels, rooming houses, etc.	App-5	Square feet per person	App-9	Holes in floors	App-13
Institutions	App-5	Lot size	App-9	Open cracks or holes (interior)	App-13
Year-round housing units	App-5	Structural Characteristics	App-9	Broken plaster or peeling paint (interior)	App-13
Seasonal units	App-5	New construction	App-9	Electric wiring	App-13
Occupied housing units	App-5	Year structure built	App-9	Electric wall outlets	App-14
Race	App-5	Units in structure	App-9	Cars and trucks available	App-14
Hispanic	App-5	Foundation	App-9	Severe physical problems	App-14
Tenure	App-5	Site placement	App-10	Moderate physical problems	App-14
Cooperatives and condominiums	App-6	Stories in structure	App-10	Overall opinion of structure	App-14
Year householder moved into unit	App-6	Stories between main and apartment entrances	App-10	Overall opinion of neighborhood	App-14
Owner or manager on property	App-6	Elevator on floor	App-10	Neighborhood conditions	App-14
Vacant housing units	App-6	Common stairways	App-10	Description of area within 300 feet	App-15
Vacancy status	App-6	Light fixtures in public halls	App-10	Age of other residential buildings within 300 feet	App-15
For sale only	App-6	Water leakage during last 12 months	App-10	Mobile homes in group	App-15
For rent	App-6	External building conditions	App-10	Other buildings vandalized or with interior exposed	App-15
Rented or sold, not occupied	App-6	Roof	App-10	Bars on windows of buildings	App-15
Held for occasional use	App-6	Walls	App-10	Condition of streets	App-15
Temporarily occupied by persons with usual residence elsewhere (URE)	App-6	Windows	App-10	Trash, litter, or junk on streets or any properties	App-15
Held for other reasons	App-6	Foundations	App-10	Financial Characteristics	App-15
Duration of vacancy	App-6	Plumbing Characteristics	App-11	Value	App-15
Previous occupancy	App-7	Plumbing facilities	App-11	Income	App-15
Last used as a permanent residence	App-7	Complete bathrooms	App-11	Value-income ratio	App-16
Rental vacancy rate	App-7	Source of water or water supply stoppage	App-11	Amount of savings and investments	App-16
		Sewage disposal and sewage disposal breakdowns	App-11	Food stamps	App-16
		Flush toilet and flush toilet breakdowns	App-11	Poverty status	App-16
		Equipment and Fuels	App-11	Year unit acquired	App-17
		Heating equipment and heating equipment breakdowns	App-11	First-time owners	App-17
		Fuels	App-12	Purchase price	App-17
				Major source of down payment	App-17
				Mortgages currently on property	App-17
				Primary mortgage	App-18

Type of primary mortgage.....	App-18	Other housing costs per month.....	App-20	Nonrelative.....	App-22
Lower cost State and local mortgages.....	App-18	Rent reductions.....	App-20	Years of school completed by householder.....	App-22
Mortgage origination.....	App-18	Other activities on property.....	App-21	Single children under 18 years old.....	App-22
Payment plans of primary and secondary mortgages.....	App-18	Repairs, improvements, alterations in last 2 years.....	App-21	Adults and single children under 18 years old.....	App-22
Lenders of primary and secondary mortgages.....	App-19	Repairs.....	App-21	Person other than spouse or children.....	App-23
Items included in primary mortgage payment.....	App-19	Roofs.....	App-21	Single adult offspring 18 to 29.....	App-23
Year primary mortgage originated.....	App-19	Additions.....	App-21	Single adult offspring 30 years of age or over.....	App-23
Term of primary mortgage at origination or assumption.....	App-19	Kitchens.....	App-21	Households with three generations.....	App-23
Remaining years mortgaged.....	App-19	Bathrooms.....	App-21	Households with one sub-family.....	App-23
Current interest rate.....	App-19	Siding.....	App-21	Households with other types of relatives.....	App-23
Total outstanding principal amount.....	App-19	Storm doors/windows.....	App-21	Co-owners or co-renters.....	App-23
Current total loan as percent of value.....	App-19	Major equipment.....	App-21	Lodgers.....	App-23
Monthly housing costs.....	App-19	Insulation.....	App-21	Unrelated children under 18 years old.....	App-23
Monthly housing costs as percent of income.....	App-19	Other major work.....	App-21	Other non-relatives.....	App-23
Rent paid by lodgers.....	App-19	Government subsidy for repairs.....	App-21	One or more secondary families.....	App-23
Property insurance.....	App-19	Household Characteristics.....	App-21	Households, none related to each other.....	App-23
Cost and ownership sharing.....	App-20	Household.....	App-21	Household moves and formation.....	App-23
Monthly payment for principal and interest.....	App-20	Householder.....	App-21	FACSIMILE OF THE AMERICAN HOUSING SURVEY QUESTIONNAIRE: 1985.....	App-24
Real estate taxes.....	App-20	Household composition by age of householder.....	App-21	FACSIMILE OF THE AMERICAN HOUSING SURVEY CONTROL CARD: 1985.....	App-47
Annual taxes paid per \$1,000.....	App-20	Married-couple families, no nonrelatives.....	App-22		
Routine maintenance in last year.....	App-20	Other male householder.....	App-22		
Condominium and co-operative fee.....	App-20	Other female householder.....	App-22		
		Family or primary individual.....	App-22		
		Subfamily.....	App-22		
		Age of householder.....	App-22		
		Elderly.....	App-22		
		Own never-married children under 18 years old.....	App-22		
		Other relative of householder.....	App-22		

AREA CLASSIFICATIONS

The 11 metropolitan areas selected for the 1985 American Housing Survey included metropolitan statistical areas (MSA's), primary metropolitan statistical areas (PMSA's), consolidated metropolitan statistical areas (CMSA's), and groups of PMSA's which were not complete CMSA's. Of the 11 metropolitan areas selected for 1985, five had the same geographic boundaries as the standard metropolitan statistical areas (SMSA's) used in earlier Annual Housing Survey reports. These included the Philadelphia, PA-NJ, PMSA; the San Francisco-Oakland, CA, area PMSA's; Dallas, TX, PMSA; Los Angeles-Long Beach, CA, PMSA; and Phoenix, AZ, MSA.

Metropolitan statistical areas. Metropolitan statistical areas (MSA's) used in the American Housing Survey are issued by the Office of Management and Budget. By current standards, as published in the Federal Register on January 3, 1980, an area qualifies for recognition as an MSA in one of two ways: if there is a city of at least 50,000 population, or a Census Bureau-defined urbanized area of at least 50,000 with a total metropolitan population of at least 100,000 (75,000 in New England). Except in the New England States, an MSA is defined in terms of entire counties. In New England, MSA's are composed of cities and towns. In addition to the county containing the main

city, additional counties are included in an MSA if they are socially and economically integrated with the central county. An MSA may contain more than one city of 50,000 population and may cross State lines.

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

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

Central cities. Every metropolitan statistical area has at least one central city, which is usually its largest city. Smaller cities are also identified as central cities if they have at least 25,000 population and meet the following two commuting requirements. First, the city must have at least 75 jobs for each 100 residents who are employed. Second,

no more than 60 percent of the city's resident workers may commute to jobs outside the city limits. In addition, any city with at least 250,000 population or at least 100,000 persons working within its corporate limits qualifies as a central city even if it fails to meet the above two commuting requirements. Finally in certain smaller metropolitan statistical areas, there are places with between 15,000 and 25,000 population that also qualify as central cities, because they are at least one-third the size of the metropolitan statistical area's largest city and meet the two commuting requirements.

Central counties. Every MSA has one or more central counties. These are counties in which at least half the population lives in the Census Bureau urbanized area.

Outlying counties. Qualification as an outlying county requires a significant level of commuting from the outlying county to the central county(ies) and a specified degree of "metropolitan character."

Selected subareas. Data for three of the largest central cities and/or central counties in each metropolitan area are shown in chapters 2 through 6 under the boxhead columns selected subareas. For a list of the selected subareas in each metropolitan area, see the inside back cover of this report.

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 1 of chapter 2.

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

DEFINITIONS AND EXPLANATIONS OF SUBJECT CHARACTERISTICS

General

As stated in the introduction, the 1985 American Housing Survey was conducted by personal interview. The survey interviewers were instructed to read the questions

directly from the questionnaire. The definitions and explanations given for each subject are, to a considerable extent, drawn from various technical and procedural materials used in the collection of the data. These materials helped the field interviewers to understand more fully the intent of each question and thus to resolve problems or unusual cases. Additional explanatory information has been added to this portion of the text to assist the user in understanding the statistics.

Comparability with the 1974 through 1983 Annual Housing Survey data. Most of the concepts and definitions used in the 1974 through 1983 Annual Housing Survey are essentially the same for items that also appear in the 1985 American Housing Survey.

There are one major and two minor differences in the housing unit definition. The major difference is that since 1984, the American Housing Survey includes vacant mobile homes as housing units. The 1974 through 1983 Annual Housing Surveys excluded these units. A minor difference in the definition is the 1974 through 1983 requirement that a housing unit must have either direct access from the outside or through a common hallway, or complete kitchen facilities for the exclusive use of the occupants. Since the 1984 American Housing Survey, the complete kitchen facilities alternative was dropped with direct access required of all units. A second minor difference is in the definition of group quarters. In the 1974 through 1983 Annual Housing Survey, a household containing 5 or more persons unrelated to the householder was considered to be group quarters. Since the 1984 American Housing Survey, the cutoff was changed to 9 or more persons unrelated to the householder. Differences which relate to specific subject areas are discussed under the subjects in this appendix.

Some differences in the data may exist for subjects covered in both the 1974 through 1983 AHS and the redesigned AHS as a result of the redesign of the questionnaires used. For a detailed discussion of those characteristics which show significant differences between 1974 through 1983 AHS and the redesigned AHS see the "qualifications of the data section" in the introduction.

Comparability with 1980 Census of Housing data. The concepts and definitions are essentially the same for items that appear in both the 1980 census and the current metropolitan survey.

There is a major difference, however, in the time period of the recent mover classification. In the American Housing Survey, recent movers are households that moved into their unit during the 12 months prior to interview, a period of 1 year or less. In the 1980 Census of Housing, Volume III, Mover Households, the time period was from January 1, 1979, through March 31, 1980, a period of 15 months or less.

A variety of data on mortgages and homeowner properties are presented in the 1980 Census of Housing, Volume V, Residential Finance. Differences in the concepts and definitions in the American Housing Survey and

Volume V include the following: The basic unit of tabulation in AHS is the housing unit; in Volume V, it is the property. All the data in AHS are provided by the occupant; in Volume V, mortgage is reconciled with responses from the lender.

In the American Housing Survey, units are classified as new construction if constructed 4 years or less from the date of interview. In the 1980 Census of Housing, Volume VI, Components of Inventory Change, units are classified as new construction if constructed in 1974 through October of 1980.

Data on poverty level in the 1980 Census of Housing do not contain the income of household members unrelated to the householder. In the American Housing Survey, data on poverty level include the income of all household members whether or not they are related to the householder.

Differences between the American Housing Survey data and the 1980 census may also be attributed to several other factors. These include the extensive use of self-enumeration in the census in contrast to personal interview in the survey; differences in processing procedures and sample designs; the sampling variability associated with the sample data from both the AHS and the census; the nonsampling errors associated with the survey estimates; and the nonsampling errors associated with census data.

Comparability with 1980 Census of Population data. In the 1980 census, data for years of school completed were based on responses to two questions: the highest grade or year of regular school each household member attended, and whether or not that grade was completed. In the AHS, data for years of school completed were based on responses to a single question: the highest grade or year of regular school completed by the householder. Therefore, the current AHS may overstate the education level of the householder; that is, respondents may have reported the grade or year the householder was currently enrolled in or had last been enrolled in whether or not the grade or year was completed.

Comparability with Current Construction Reports from the Survey of Construction. The Census Bureau issues several publications under the general titles, "Current Construction Reports." The data for these reports are primarily from the Survey of Construction.

The Survey of Construction consists of approximately 8,300 permit-issuing places throughout the United States. The reports from the survey contain current data on housing starts and completions, construction authorized by building permits, housing units authorized for demolition in permit-issuing places for selected areas, new one-unit structures sold and for sale, characteristics of new housing, and value of new construction put in place. The concepts and definitions used in this report differ from some of those used in the Survey of Construction. The major difference is that the Survey of Construction shows

counts and characteristics of housing units in various stages of construction through completion. The American Housing Survey shows counts and characteristics of the existing housing inventory. Additional differences between the current American Housing Survey and the Survey of Construction may be attributed to factors such as the sampling variability and nonsampling errors of the data from the two surveys, survey procedures and techniques, and processing procedures.

Comparability with other Bureau of the Census data. Statistics in this report refer, for the most part, to the housing unit, household or householder. Data on the individual household members may differ from other similar data compiled by the Bureau of the Census. For these types of data, write to Chief, Population Division, Bureau of the Census, Washington, DC 20233.

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

Living Quarters

Living quarters are classified as either housing units or group quarters. Usually, living quarters are in structures intended for residential use (e.g., a one-unit structure, apartment house, hotel or motel, boarding house, or mobile home or trailer). Living quarters may also be in structures intended for nonresidential use (e.g., the rooms in a warehouse where a watchman lives), as well as in places such as tents, caves, and old railroad cars.

Housing units. A housing unit is a house, an apartment, a group of rooms, or a single room occupied or intended for occupancy as separate living quarters. Separate living quarters are those in which the occupants do not live and eat with any other persons in the structure and which have direct access from the outside of the building or through a common hall which is used or intended for use by the occupants of another unit or by the general public. The occupants may be a single family, one person living alone, two or more families living together, or any other group of related or unrelated persons who share living arrangements (except as described in the section on group quarters). For vacant units, the criteria of separateness and direct access are applied to the intended occupants whenever possible. If the information cannot be obtained, the criteria are applied to the previous occupants. Both occupied and vacant housing units are included in the housing inventory, except that tents, caves, boats, railroad cars, and the like, are included only if they are occupied.

For a detailed discussion of changes to the housing unit definition, see the "comparability with the 1973 through 1983 Annual Housing Survey data" section in this appendix.

Group quarters. Group quarters are living arrangements for institutional inmates or for other groups containing nine or more persons not related to the person in charge. Group quarters are located most frequently in institutions, boarding houses, military barracks, college dormitories, fraternity and sorority houses, hospitals, monasteries, convents, and ships. A house or apartment is considered group quarters if it is shared by the person in charge and nine or more persons unrelated or, if there is no person in charge, by ten or more unrelated persons. Information on the housing characteristics of group quarters was not collected.

Hotels, motels, rooming houses, etc. Occupied rooms or suites of rooms in hotels, motels, and similar places are classified as housing units only when occupied by permanent residents; i.e., persons who consider the hotel as their usual place of residence or have no usual place of residence elsewhere. Vacant rooms or suites of rooms are classified as housing units only in those hotels, motels, and similar places in which 75 percent or more of the accommodations are occupied by permanent residents.

If any of the occupants in a rooming or boarding house live and eat separately from everyone else in the building and have direct access, their quarters are classified as separate housing units. The remaining quarters are combined. If the combined quarters contain eight or fewer roomers unrelated to the householder, they are classified as one housing unit; if the combined quarters contain nine or more roomers unrelated to the householder, or person in charge, they are classified as group quarters. In a dormitory, residence hall, or similar place, living quarters of the supervisory staff and other employees are separate housing units if they satisfy the housing unit criteria; other living quarters are considered group quarters.

Institutions. Living quarters of staff personnel are separate housing units if they satisfy the housing unit criteria. Other living quarters are considered group quarters.

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

Seasonal units. Seasonal units include all units occupied entirely by persons with a usual residence elsewhere and vacant units which are intended by the owner for occupancy during only certain seasons of the year. A seasonal unit may be used in more than one season; for example,

both in the summer for summer sports and in the winter for winter sports. Counts of seasonal units in this report also include housing units held for occupancy by migratory farm workers.

Occupied housing units. A housing unit is classified as occupied if a person or group of persons is living in it at the time of the interview or if the occupants are only temporarily absent, for example, on vacation. However, if the unit is occupied entirely by persons with a usual place of residence elsewhere, the unit is classified as vacant. By definition, the count of occupied housing units is the same as the count of households.

Race. The classification of "race" refers to the race of the householder occupying the housing unit. The concept of race as used by the Census Bureau does not denote clear-cut scientific definition of biological stock. Race was determined on the basis of a question that asked for self-identification of a person's race. Figures on tenure are given separately for White, Black, and other householders in table 2-1. The last category includes Asian, Pacific Islander, American Indian, Aleut, Eskimo, and any other race reported. Detailed characteristics of units with Black householders are presented in chapter 5.

Hispanic. The classification "Hispanic" refers to the origin of the householder occupying the housing unit. Detailed characteristics of housing units with Hispanic householder are presented in chapter 6. Hispanic origin was determined on the basis of a question that asked for self-identification of persons living in the unit who were Hispanic or Spanish American. Hispanic persons may be of any race.

In the 1980 census and the 1973 through 1983 Annual Housing Survey, the concept Spanish origin was used. Spanish origin is basically the same as Hispanic according to Census Bureau definitions. Both the census and the 1973 through 1983 AHS asked respondents to choose from a list or flashcard containing a variety of Spanish origin categories. For this reason, care should be taken in making comparisons of Spanish-origin estimates from the 1973 through 1983 Annual Housing Survey, the 1980 census, and the current American Housing Survey.

Tenure. A housing unit is owner occupied if the owner or co-owner lives in the unit, even if it is mortgaged or not fully paid for. Also, a cooperative or condominium unit is owner occupied only if the owner or co-owner lives in it. All other occupied housing units are classified as renter occupied, including housing units rented for cash rent and those occupied without payment of cash rent. Since the 1984 AHS, vacant mobile homes are included in the inventory. Prior to 1984, such units were not counted.

Cooperatives and condominiums. A cooperative is a type of ownership whereby a group of housing units are

owned by a corporation of member-owners. Each individual member is entitled to occupy or rent out an individual housing unit and is a shareholder in the corporation which owns the property.

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

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

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

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

Vacant housing units. A housing unit is vacant if no one is living in it at the time of the interview, unless its occupants are only temporarily absent. In addition, a vacant housing unit may be one which is occupied entirely by persons who have a usual residence elsewhere (URE).

New housing units not yet occupied are classified as vacant housing units if construction has reached a point where all exterior windows and doors are installed and final usable floors are in place. Vacant units are excluded if unfit for human habitation; that is, if the roof, walls, windows, or doors no longer protect the interior from the elements, or if there is positive evidence (such as a sign on the house or block) that the unit is to be demolished or is condemned. Also excluded are quarters being used entirely for nonresidential purposes, such as a store, or an office; or quarters used for storing business supplies or inventory, machinery, or agricultural products.

For a detailed discussion of changes in the estimates of the vacant unit inventory, see the "qualifications of the data" section in the introduction.

Vacancy status. Vacant housing units are classified as either "seasonal" or "year-round." See definitions of seasonal and year-round on page App-5. Year-round vacant housing units are subdivided as follows:

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

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

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

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

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

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

Duration of vacancy. The statistics on duration of vacancy refer to the length of time (in months) from the date the last occupants moved from the housing unit to the date of the interview. The data, therefore, do not provide a direct measure of the total length of time that units remained vacant. For newly constructed units which have never been occupied, the duration of vacancy is counted from

the date construction was completed. For recently converted or merged units, the time is reported from the date that conversion or merger was completed.

Previous occupancy. The statistics presented are restricted to housing units built in 1980 or later. Previously occupied indicates that some person or persons not now in the household occupied the housing unit prior to the householder or other related household member's occupancy. Not previously occupied indicates that either the householder or some other current household member was the first occupant of the housing unit.

Last used as a permanent residence. The statistics on "last used as a permanent residence" refer to the length of time (in months) since units which are currently seasonal vacants or URE's were last used as a permanent residence, and is measured as of the date of interview. Units which have always been used for short-term or seasonal occupancy, are classified as "Never occupied as permanent home."

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

Suitability for year-round use. For vacant housing units that were not intended for year-round use (i.e. seasonal and migratory), the respondent was asked whether the construction and heating of the housing unit made it suitable for the unit to be occupied on a year-round basis. A housing unit is suitable for year-round use if it is built as a permanent structure, properly equipped and insulated for heating as necessitated by the climate, and if it has a heating system which would be adequate during extended cold periods.

Housing Units Occupied by Recent Movers

Recent movers. Data for recent movers are shown for two categories of movers: Units where the householder moved into the present unit during the 12 months prior to the interview, and units where the respondent moved into the present housing unit during the 12 months prior to the interview. In most cases the two groups represent the same households.

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

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

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

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

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

Previous home owned or rented by someone who moved here. This item presents data on the number of households from where the householder moved during the past year and the previous home was owned or rented by someone living in the current housing unit, and the number of households to where the householder moved during the past year and the previous unit was owned or rented by a relative or nonrelative other than a current household member.

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

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

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

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

Disaster loss includes damage by a tornado, storm, flood, earthquake, fire, landslides 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 if the respondent moved because commuting was too far and respondent wanted to live closer to work, school, or some other commuting purpose.

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

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

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

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

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

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

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

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

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

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

Choice of present neighborhood and neighborhood search.

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

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

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

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

Utilization Characteristics

Persons. All persons occupying the housing unit are counted. These persons include not only occupants related to the householder but also any lodgers, roomers, boarders, partners, wards, foster children, and resident employees who share the living quarters of the householder. The data

on persons show categories of the number of one-person through seven-or-more-person households. The median for persons is rounded to the nearest tenth.

A person is counted at the usual place of residence for that person. This refers to the place where the person lives and sleeps most of the time. This place is not necessarily the same as a legal residence, voting residence, or domicile.

Rooms. The statistics on rooms are for the number of housing units with a specified number of rooms. Rooms counted include whole rooms used for living purposes, such as bedrooms, living rooms, dining rooms, kitchens, recreation rooms, permanently enclosed porches that are suitable for year-round use, lodgers' rooms and other finished and unfinished rooms. Also included are rooms used for offices by a person living in the unit. The median for rooms is rounded to the nearest tenth.

A dining room, to be counted, must be a separate room. It must be separated from adjoining rooms by built-in floor-to-ceiling walls extending at least a few inches from the intersecting walls. Movable or collapsible partitions or partitions consisting solely of shelves or cabinets are not considered built-in-walls. Bathrooms are not counted as rooms.

Data on the number of rooms are not completely comparable with data on the number of rooms collected prior to the redesigned AHS. For a detailed discussion, see the "qualifications of the data" section in the introduction.

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

Bedrooms. The number of bedrooms in the housing unit is the count of rooms used mainly for sleeping, even if also used for other purposes. Rooms reserved for sleeping, such as guest rooms, even though used infrequently, are counted as bedrooms. On the other hand, rooms used mainly for other purposes, even though used also for sleeping, such as a living room with a hideaway bed, are not considered bedrooms. A housing unit consisting of only one room, such as a one-room efficiency apartment, is classified by definition as having no bedroom.

Square footage of unit. Housing size is shown for single detached housing units and mobile homes. Excluded from the calculation of square footage are unfinished attics, carports, attached garages, porches that are not protected from the elements (i.e. screened porches), and mobile home hitches. Both finished and unfinished basements are included. Median square footage is rounded to the nearest foot. Square footage is based on the respondent's estimate of the size of the unit. If the respondent did not know the square footage, the interviewer measured the outside dimensions of the unit.

Square feet per person. Square feet per person is computed for each single detached housing unit and mobile home by dividing the number of persons in the unit by the square footage of the unit. The figures shown refer to the number of housing units having the specified square feet per person. Median square footage is rounded to the nearest foot.

Lot size. Lot size includes all connecting land that is owned or rented with the home. Excluded are two-or-more unit buildings and two-or-more-unit mobile homes. Median lot size is shown to hundredths of an acre.

Structural Characteristics

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

Year structure built. Year structure built refers to when the building was first constructed, not when it was remodeled, added to, or converted. The figures refer to the number of housing units in structures built during the specified periods and in existence at the time of the interview. For mobile homes and trailers, the manufacturer's model year was assumed to be the year built. Median year built is rounded to the nearest year.

Units in structure. In determining the number of housing units in a structure, all units, both occupied and vacant, were counted. The statistics are presented for the number of housing units in structures of specified type and size, not for the number of residential structures.

A structure is a separate building if it has either open space on all sides or is separated from other structures by dividing walls that extend from ground to roof. Structures containing only one housing unit are further classified as detached or attached.

A one-unit structure is detached if it has open space on all four sides even though it has an adjoining shed or garage. A one-unit structure is attached if it has one or more walls extending from ground to roof which divide it from other adjoining structures and does not share a furnace or boiler with adjoining structures such as in rowhouses, townhouses, etc.

Mobile homes and trailers are shown as a separate category. When one or more rooms have been added to a mobile home or trailer, it is classified as a mobile home.

Data on units in structure including mobile homes are not completely comparable with data on units in structure collected prior to the redesigned AHS. For a detailed discussion, see the "qualifications of the data" section in the introduction.

Foundation. This item is restricted to one-unit buildings and excludes mobile homes. A structure has a basement if there is enclosed space at least partially underground in

which a person can walk upright under all or part of the building. The basement is under all the building if it is under the entire main structure, excluding garages, carports, and porches. Crawl space is space between the ground and the first floor of the house, but it is not high enough for a person to walk upright. A house is built on a concrete slab if it is built on concrete that has been poured on the ground. The "other" category refers to a house built on stilts or pilings (for example, beach houses) and boats, motorhomes, etc.

Site placement. This item is restricted to mobile homes. "Site" refers to location and not necessarily a mobile home park site. The mobile home does not have to have been occupied; it only needs to have been set up for occupancy.

Stories in structure. Finished attics are included in the number of stories. Unfinished attics are not. For split levels and bilevels, the number of stories is determined by the highest number of floors that are physically over each other.

Stories between main and apartment entrances. Data are presented for multi-unit structures with two or more floors and is concerned with the number of floors from the residential entrance level of the building to the main entrance of the unit. "Same floor" indicates that the main entrance of the sample unit is on the same level as the main entrance which residents use to enter the building.

Elevator on floor. Statistics are shown for the number of housing units in structures with two or more floors which have one or more passenger elevators on the same floor as the sample unit and whether they are in working or nonworking condition. Excluded are elevators used only for freight.

Common stairways. The statistics on common stairways are presented for multiunit structures with two or more floors which have common stairways. The figures reflect the physical condition of the stairway; i.e. whether there are loose, broken, or missing steps or stair railings. Common stairways are stairways which are usually used by the occupants and guests to get to the doors of the unit. They may be either inside the structure or attached to the outside of the building.

Light fixtures in public halls. These statistics are presented for housing units in two-or-more-unit structures. Data include whether or not there are light fixtures in the public halls and whether or not some, none, or all of the light fixtures are in working order. Light fixtures include wall lights, ceiling lights, or table lamps in the public halls of the building. Public halls are used by the occupants and guests to get to their apartment doors.

Water leakage during last 12 months. Data on water leakage are shown if the leakage occurred in the 12 months prior to the interview or while the household was living in the unit if less than 12 months. Housing units with water leakage are classified by whether the water leaked in from inside or outside the building and by the most common areas (roof, basement, walls, closed windows, or doors, etc.) or reasons (fixtures backed up or overflowed, pipes leaked, etc.) of water leakage.

External building conditions. The external condition of the building that contains the sample unit was determined by interviewer observation, as visible from the front of the building or the roadway. The categories were grouped into the following: roof, walls, windows, and foundations.

Roof. A sagging roof is a critical defect indicating continuous neglect, or deep or serious damage to the structure. Only roofs with substantial sagging were included. Missing roofing material includes rotted, broken, loose or missing shingles, tiles, slate, shake, tin, etc. caused by extensive damage from fire, storm, or serious neglect. Hole in roof occurs when the missing roof materials expose the interior of the unit directly to the elements. Holes caused by construction activity were not counted unless the construction had been abandoned. Could not see roof occurs when possible situations like a high tree, evening interviews, or a flat roof prevent the roof from being visible.

Walls. Missing bricks, siding, other outside wall material applies to the exterior walls (including chimney) of the structure. Those defects may have been caused by storm, fire, flood, extensive neglect, vandalism, and so forth. Materials may include clapboard siding, shingles, boards, brick, concrete stucco, etc. The missing materials do not necessarily expose the interior of the unit openly to the elements. Missing materials due to construction activity were not counted unless construction had been abandoned. Sloping outside walls are a critical defect indicating continuous neglect, or serious damage to the structure. Only walls with substantial sagging were included.

Windows. Boarded-up windows have been sealed off to protect against weather or entry, and include windows and/or doors covered by board, brick, metal, or some other material. Broken windows indicate several broken or missing window panes. Bars on windows are to protect against unlawful entry. The condition of the windows has no bearing on this item. The bars can be vertical, horizontal, a metal grating, etc. Windows completely covered with metal sheeting are not included in this category.

Foundation crumbling or has open crack or hole. This category includes large cracks, holes, and rotted, loose or missing foundation material.

Could not see foundation. This occurs when landscaping, night interviewing, or some other reason prevents visibility for observation.

Plumbing Characteristics

Plumbing facilities. The data on plumbing facilities are suppressed in this report. For a detailed discussion, see the "qualifications of the data" section in the introduction. The category "with all plumbing facilities" consists of housing units which have hot and cold piped water as well as a flush toilet and a bathtub or shower for the exclusive use of the occupants of the unit. All plumbing facilities must be located in the housing unit but they need not be in the same room. Lacking some plumbing facilities or no plumbing facilities for exclusive use means that the housing unit does not have all three specified plumbing facilities (hot and cold piped water, flush toilet, and bathtub or shower) inside the housing unit, or that the toilet or bathing facilities are also for the use of the occupants of other housing units.

Complete bathrooms. A housing unit is classified as having a complete bathroom if it has a room with a flush toilet, bathtub or shower, a sink, and hot and cold piped water. All facilities must be in the same room to be a complete bathroom. A half bathroom has either a flush toilet or a bathtub or shower but does not have all the facilities for a complete bathroom.

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 which supplies six or more housing units. An individual well which provides water for five or fewer housing units, is further classified by whether it is "drilled" or "dug." Water sources such as springs, cisterns, streams, lakes, or bottled water are included in the "other" category.

Water supply stoppage means that the housing unit was completely without running water from its regular source. Completely without running water means that the water system servicing the unit supplied no water at all, that is, no equipment or facility using running water (in kitchen and bathroom sinks, shower in bathtub, flush toilet, dishwasher and other similar items) had water supplied to it, or all were inoperable. The reason could vary from a stoppage because of a flood or storm, to a broken pipe, to a shutdown of the water system, to a failure to pay the bill, or other reasons.

Data on water supply stoppage are shown if they occurred in the 3 months prior to the interview or while the household was living in the unit if less than 3 months, and if the breakdown or failure lasted 6 consecutive hours or more. Housing units with water supply stoppage are also classified according to the number of times the stoppages occurred.

Sewage disposal and sewage disposal breakdowns. A public sewer is connected to a city, county, sanitary district, neighborhood, or subdivision sewer system. Included are

only systems operated by a government body or private organization sewage treatment system serving 6 or more units. Small sewage treatment plants, which in some localities are called neighborhood septic tanks, are classified as public sewers. A septic tank or cesspool is an underground tank or pit used for disposal of sewage (serving 5 or fewer units). A chemical toilet, which may be inside or outside the unit, uses chemicals to break down or dissolve sewage. Housing units for which sewage is disposed of in some other way are included in the "other" category.

The data on breakdowns in the means of sewage disposal are limited to housing units in which the means of sewage disposal was a public sewer, septic tank, or cesspool. Breakdowns refer to situations in which the system was completely unusable. Examples include septic tank being pumped because it no longer perked, tank collapsed, tank explodes, sewer main breaks, sewer treatment plant not operating due to electric failure or water service interruption, etc.

Data on breakdowns are shown if they occurred in the 3 months prior to the interview or while the household was living in the unit if less than 3 months, and if the breakdown lasted 6 consecutive hours or more. Housing units with a breakdown in sewage disposal are also classified according to the number of breakdowns.

Flush toilet and flush toilet breakdowns. A privy or chemical toilet is not considered a flush toilet. Flush toilets outside the unit were not counted. The statistics on breakdowns of flush toilet are shown for housing units with at least one flush toilet for the household's use only. The flush toilet may be completely unusable because of a faulty flushing mechanism, broken pipes, stopped up soil pipe, lack of water supplied to the flush toilet, or some other reason.

Data on breakdowns are classified by whether any of the flush toilets were working in the 3 months prior to the interview, or while the household was living in the unit if less than 3 months, and the number of times the breakdown lasted 6 hours or more.

Equipment and Fuels

Heating equipment and heating equipment breakdowns. Data are shown for the main heating equipment and other heating equipment used in addition to the main heating equipment. More than one category of "other heating equipment" could be reported for the same household. Only one type of equipment was reported as the "main heating equipment." Warm-air furnace refers to a central system which 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 which is circulated throughout the home. An electric heat pump refers to a heating-cooling system which utilizes indoor and outdoor coils, a compressor, and a refrigerant to pump in heat during the winter and pump out heat during the summer. Only heat pumps that are centrally installed with ducts to the rooms are included in this category. Built-in electric units are permanently installed in floors, walls, ceilings, or baseboards. A floor, wall, or other built-in hot-air unit without ducts delivers warm air to the room right above the furnace or to the room(s) on one or both sides of the wall in which the furnace is installed. Room heaters with flue include non-portable room heater in the wall or free standing heaters that burn liquid fuel, and which are connected to a flue, vent, or chimney to remove smoke and fumes. Room heaters without flue include any room heater that burns gas, oil, or kerosene which does not connect to a flue, vent, or chimney. Portable electric heaters include heaters that receive current from an electrical wall outlet. Stoves refer to ranges, stoves, or Franklin stoves that burn wood, coal, or other solid fuel. Fireplaces with inserts have a fan-forced air circulation system to force the heat into the room. A fireplace without inserts or with only glass door fire screens or firebacks inserted in the back of the fireplace to passively reflect heat is included in the category "fireplace without inserts."

For vacant housing units from which the heating equipment had been removed, the equipment used by the last occupants was to be reported.

For breakdowns of heating equipment, statistics are shown for housing units occupied by the householder during the winter prior to the interview. The data are classified by whether the housing unit was uncomfortably cold for 24 hours or more, the number of times equipment breakdowns occurred lasting 6 hours or more, and causes for the breakdowns.

The heating equipment is broken down if it is not providing heat at its normal heating capacity through some fault in the equipment. Utility interruptions occur when there is a cut off in the gas, electricity, or other fuel supplying the heat. Inadequate heating capacity refers to heating equipment which is providing heat at its normal capacity but the unit is still too cold for the occupants. Inadequate insulation refers to air drafts through window frames, electrical outlets, or walls that are cold.

Fuels. Electricity is generally supplied by means of above or underground electric power lines. Piped gas is gas piped through underground pipes from a central system to serve the neighborhood. Bottled gas is pressurized gas stored in tanks or bottles which are filled or exchanged when empty. Fuel oil is heating oil normally supplied by truck to a storage tank for use by the heating system. Kerosene or other liquid fuel includes kerosene, gasoline, alcohol, and other similar combustible liquids. Coal or coke refers to coal or any coal derivative usually delivered by means of truck. Wood refers to the use of wood or wood charcoal,

etc., as a fuel. Solar energy refers to the use of energy available from sunlight as a heating fuel source. Other includes briquettes made of pitch and sawdust, coal dust, waste material like corncobs, purchased steam, or any other fuel not listed.

Electric fuses and circuit breakers. These statistics are presented for occupied housing units. The data are shown if the electric fuse has blown or circuit breaker has tripped in the home in the 3 months prior to the interview or while the household was living in the unit if less than 3 months. A blown fuse or tripped breaker switch results in the temporary loss of electricity until the fuse is replaced or the breaker switch reset. Blown fuses inside major pieces of installed equipment (such as some air conditioners) are counted as blown fuses or tripped breaker switches.

Equipment. This item refers to selected equipment which is in working order and for the household's exclusive use. If there are two or more of a specified appliance in the housing unit, the age of the newest is reported.

Complete kitchen facilities. A housing unit has complete kitchen facilities when it has all of the following for the exclusive use of the occupants of the unit: (1) an installed kitchen sink with piped water, (2) burners, and (3) a mechanical refrigerator. Quarters with only portable cooking equipment are not considered as having a range or cookstove. An icebox is not included as a mechanical refrigerator. The kitchen facilities are for the exclusive use of the occupants when they are used only by the occupants of one housing unit, including lodgers or other unrelated persons living in the unit. The same criteria were used for occupied and vacant units in determining complete kitchen facilities. In previous years for vacant units from which one or all of the kitchen facilities had been removed, the kitchen facilities used by the last occupant were reported. As a result, the total vacant units lacking complete kitchen facilities in this report may appear higher than in previous survey years. Data on complete kitchen facilities are not completely comparable with data on complete kitchen facilities collected prior to the redesigned AHS. For a detailed discussion, see the "qualifications of the data" section in the introduction.

Kitchen sink. The sink must be in the unit or on an enclosed porch and must have piped water. Water obtained from a hand pump does not qualify.

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

Burners and oven. The cookstove or range does not have to be mechanical; for example, it can be a wood-burning stove. Microwaves are included in the count of ovens,

although toaster ovens are not. Portable burners are excluded from the count of cooking burners. Data are shown for equipment less than 5 years old.

Dishwasher. All mechanical dishwashers are included except counter top dishwashers. Data are shown for equipment less than 5 years old.

Washing machine. The washing machine must be mechanical. A wringer washing machine which must be plugged in to run is included in this count. Data are shown for equipment less than 5 years old.

Clothes dryers. Clothes dryers must be mechanical. Excluded from this count are hand operated wringers, hand turned spin dryers, etc. Data are shown for equipment less than 5 years old.

Disposal in sink. Only garbage disposals in working order or only temporarily out of order are included. Data are shown for equipment less than 5 years old.

Air conditioning. Air conditioning is defined as the cooling of air by a refrigeration unit; excluded are evaporative coolers, fans, or blowers which are not connected to a refrigeration unit. A room air-conditioning unit is an individual air conditioner which is installed in a window or an outside wall and generally intended to cool one room, although it may sometimes be used to cool several rooms. A central system is a central installation which air conditions the entire housing unit. In an apartment building, a central system may cool all apartments in the building; each apartment may have its own central system; or there may be several systems, each providing central air conditioning for a group of apartments. A central installation with individual room controls is a central air-conditioning system.

Housing and Neighborhood Quality

Selected amenities:

Porch, deck, balcony, or patio. The porch, deck, balcony, or patio must be attached to the sample unit, not just to the building or free standing. Porches may be enclosed or open.

Telephone available. A housing unit is classified as having a telephone if there is a telephone for receiving calls available to the occupants of the unit. The telephone may be located outside or inside the housing unit, and one telephone may serve the occupants of several units. The number of housing units with a telephone available, therefore, does not indicate the number of telephones installed in homes.

Usable fireplace. Excludes the following: fireplaces that have been blocked off or whose chimney or flue have been filled, decorative or artificial fireplaces, and Franklin stoves. Free standing fireplaces are included in this item.

Separate dining room. A separate dining room is an area separated from an adjoining room by a built-in floor-to-ceiling wall extending at least a few inches from its intersecting wall. Built-in walls do not include movable or collapsible partitions, or partitions consisting solely of shelves and cabinets.

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

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

Selected deficiencies:

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

Holes in floors. Data are shown on whether there are holes in the interior floors of a housing unit. The holes do not have to go all the way through to a lower floor or to the exterior of the unit. The holes must be large enough to cause someone to trip.

Open cracks or holes (interior). Statistics are presented on whether or not there are open cracks or holes in the interior walls or ceilings of the housing unit. Included are cracks or holes that do not go all the way through to the next room or to the exterior of the housing unit. Hairline cracks or cracks that appear in the walls or ceilings but are not large enough to insert the edge of a dime and very small holes caused by nails or other similar objects are not considered to be open cracks or holes.

Broken plaster or peeling paint (interior). The area of peeling paint or broken plaster must be on the inside walls or ceilings and at least one area of broken plaster must be larger than 8 inches by 11 inches.

Electric wiring. A housing unit is classified as having exposed electric wiring if the unit has any wiring that is not enclosed, either in the walls or in metal coverings, or if the unit has any wiring outside the walls enclosed in some material other than metal. Excluded from the tabulation are appliance cords, extension cords, chandelier cords, and telephone or antenna wires.

Electric wall outlets. A housing unit is classified as having rooms without electric wall outlets if there is not at least one working electric wall outlet in each room of the unit. A working electric wall outlet is one that is in operating condition; i.e., can be used when needed. If a room does not have an electric wall outlet, an extension cord used in place of a wall outlet is not considered to be an electric wall outlet.

Cars and Trucks Available:

Cars. Included are passenger cars and station wagons owned or regularly used by one or more household members and ordinarily kept at home. Company cars are counted if used regularly for non-business purposes and kept at home as well as taxicabs if they are owned by a household member and kept at the sample unit.

Trucks and vans. Included are pickups and small panel trucks of one-ton capacity, and small vans which are owned or regularly used by one or more members of the household and ordinarily kept at home. Company trucks and vans included if used regularly for non-business purposes and kept at home. To obtain a count of all units lacking cars, the categories "no cars, trucks, or vans" and "other households without cars" must be added together. Likewise, to obtain a count of all units lacking trucks or vans, the categories "no cars, trucks, or vans" and "with cars, trucks, or vans" must be added together. Except for units falling in the category "no cars, trucks, or vans," all units will fall into two categories. For example, a unit with one car only would fall both in the category "1 car with or without trucks or vans" and "with cars, no trucks or vans."

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

Plumbing. Lacking hot or cold piped water or a flush toilet, or lacking both bathtub and shower, all inside the structure for the exclusive use of the unit.

Heating. Having been uncomfortably cold last winter for 24 hours or more because the heating equipment broke down, and it broke down at least three times last winter for at least 6 hours each time.

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

Upkeep. Having any five of the following six maintenance problems: water leaks from the outside, such as from the roof, basement, around windows or doors; leaks from inside structure such as pipes or plumbing fixtures; holes in

the floors; holes or open cracks in the walls or ceilings; more than 8 inches by 11 inches of peeling paint or broken plaster; or signs of rats or mice in the last 90 days.

Hallways. Having all of the following four problems in public areas: no working light fixtures; loose or missing steps; loose or missing railings; and no elevator.

Moderate physical problems. A unit has moderate physical problems if it has any of the following five problems, but none of the severe problems.

Plumbing. On at least three occasions during the last 3 months or while the household was living in the unit if less than 3 months, all the flush toilets were broken down at the same time for 6 hours or more.

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

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

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

Kitchen. Lacking a sink with running water, refrigerator, or burners all inside the structure for the exclusive use of the unit.

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

Overall opinion of neighborhood. The data presented are based on the respondent's overall opinion of the neighborhood. The respondent was asked to rate the neighborhood based on a scale from 1 to 10, where 10 is the best and 1 is the worst.

Neighborhood conditions. The statistics presented are based on the respondent's opinion and attitude toward the neighborhood. The respondent was asked a two part question: (1) If anything about the neighborhood bothered the respondent and (2) if so, what? The interviewer coded the responses into the following categories: crime; noise; traffic; litter or housing deterioration; poor city/county services; undesirable commercial, institutional, or industrial property; people; and other. Multiple responses were

allowed. The respondent may not have the same opinion as a neighbor about neighborhood conditions. The respondent's opinion may or may not reflect the actual neighborhood situation.

Description of area within 300 feet. The interviewer, through personal observation, marked all of the following categories which describe the area within 300 feet of the building in which the sample unit is located. The interviewer's best estimate of distance was considered to be acceptable. The categories include: single-family, detached house(s); single-family, attached house(s) or low rise (1-3 story) multiunit building(s); mid-rise (4-6 story), multiunit building(s); high-rise (7-or-more story), multiunit building; and mobile home(s), excluding campers. The category "commercial, institutional, industrial building(s)" includes all varieties of nonresidential structure, offices, banks, hospitals, prisons, pumping stations water treatment plants, factories, parking garages, churches, hotels, restaurants, barns, junkyards, etc. "Residential parking lot(s)" exclude driveways of single-family homes and parking garages where parking is on more than one level. "Body of water" refers to lakes, ponds, stream, reservoirs, rivers, etc. Swimming pools, bird baths, temporary pools of water, etc. are excluded. "Open space, park, farm, or ranch" include cemeteries, golf courses, woods, forest preserves, vacant lots, undeveloped land, airport land, ball fields, school fields, etc.

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

Mobile homes in group. Mobile homes or mobile home sites gathered close together are considered to be in a "group." This may be a mobile home park or it may be a number grouped together on adjacent individually owned lots but not in a mobile home park.

Other buildings vandalized or with interior exposed. The statistics presented are based on the interviewer's personal observation. A unit is considered to be vandalized if it has most of the visible windows broken, doors pulled off, badly burned, words or symbols printed on it, portions of the roof missing or gone, or in some other way has the interior exposed to the elements.

Bars on windows of buildings. The statistics presented are based on the interviewer's personal observation. The condition of the windows has no bearing on this item. The windows might be in perfect condition but the bars might be there to protect against vandalism. Windows which are boarded up or covered with tin are not included.

Condition of streets. The statistics presented are based on the interviewer's personal observation. Major repairs include large potholes, badly crumbling or deteriorating shoulders and roadsides, deep ruts, etc. Minor repairs include small cracks, shallow holes, or missing minor surfacing.

Trash, litter, or junk on streets or any properties. The statistics presented are based on the interviewer's personal observations. Major accumulation includes tires, appliances or large amounts of trash accumulated over a period of time. Minor accumulation includes small amounts of paper, cans or bottles but that do not give the impression of long neglect. The building in which the sample unit is located is included.

Financial Characteristics

All of the financial characteristics shown in this report, except those in table 19, are shown for all renters and/or all owners. In 1983 and earlier; the Annual Housing Survey reported characteristics such as value and rent for specified owners and specified renters only. Specified owners are single-family, owner-occupied units on less than 10 acres with no business or medical office. Specified renters exclude single-family units on 10 acres or more. Table 19 in this report presents financial characteristics for specific owners and specified renters which can be used when making comparisons with 1983 and earlier years.

Value. Value is the respondent's estimate of how much the property (house and lot) would sell for if it were for sale. Any nonresidential portions of the property are excluded from the cost. For vacant units, value represents the sale price asked for the property at the time of the interview, and may differ from the price at which the property is sold. Medians for value are rounded to the nearest dollar.

Income. The statistics on income in the American Housing Survey are based on the respondent's reply to questions on income for the 12 months prior to the interview and are the sum of the amounts reported for wage and salary income, self-employment income, interest or dividends, Social Security or railroad retirement income, public assistance or welfare payments, alimony or child support, and all other money income. The figure represents the amount of income received before deductions for personal income

taxes, Social Security, union dues, bond purchases, health insurance premiums, Medicare deductions, etc. Medians for income are rounded to the nearest hundred dollars.

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

Wage or salary income is defined as the total money earnings received for work performed as an employee at any time during the 12-month period prior to the interview. It includes wages, salary, piece-rate payments, commissions, tips, cash bonuses, and Armed Forces pay. Self-employment income is defined as money income received from a business, professional practice, partnership, or farm in which the person was self-employed. Social Security or pensions includes cash receipts of Social Security pensions; survivors' benefits, disability insurance programs for retired persons, dependents of deceased insured workers, or disabled workers; and deductions for Medicare and health insurance premiums. Cash receipts of retirement, disability, and survivors' benefit payments made by the U.S. Government under the Railroad Retirement Act are also included. Separate payments received for hospital or other medical care are not included.

Income from all other sources includes money income received from sources such as periodic payments from interest or dividends; net rental income (or loss) from property rentals; net receipts from roomers or boarders; net royalties; public assistance or welfare payments which include cash receipts received from public assistance programs, such as old age assistance, aid to families with dependent children, and aid to the blind or totally disabled; unemployment insurance benefits; workmen's compensation cash benefits; periodic payments by the Veteran's Administration to disabled veterans; public or private pensions; periodic receipts from insurance policies or annuities; alimony or child support from persons who are not members of the household; net gambling gains; and nonservice scholarships and fellowships.

Receipts from the following sources were not included as income: Value of income "in kind," such as, free living quarters, housing subsidies, food stamps, or food produced and consumed in the home; money received from the sale of property (unless the recipient was engaged in the business of selling such property); money borrowed; tax refund; withdrawal of bank deposits; accrued interest on uncashed savings bonds; exchange of money between relatives living in the same household; gifts of money; and lump-sum payments from inheritances, insurance policies, estates, trusts, gifts, etc.

The income statistics and the characteristics of the household refer to different periods in time. For 1984, the income data refer to the 12 months prior to the interview,

whereas the household characteristics refer to the date of interview. Thus, family or household income does not include amounts received by persons who were members of the family during all or part of the income period if these persons no longer resided with the family at the time of the interview. On the other hand, family or household income includes income reported by persons who did not reside with the household during the income period but who were members at the time of the interview. For most households, however, the income reported was received by persons who were members of the household throughout the income period.

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

Value-income ratio. The value-income ratio is computed by dividing the value of the housing unit by the total money income of the family or primary individual. The ratio was computed separately for each housing unit and was rounded to the nearest tenth. For value and income, the dollar amounts were used. Units occupied by families or primary individuals who reported no income or a net loss comprise the category "zero or negative income." Medians for value-income ratio are rounded to the nearest tenth. The income statistics are for the 12 months prior to the date of the interview.

Amount of savings and investments. These data are restricted to families and primary individuals with total incomes of \$20,000 per year or less. Savings include savings in the bank or other financial institution. It also includes savings in money market accounts. Investments in a farm or business must be owned shares in a business or farm, owned percentage of the capital or assets, investment in a farm or business for which the investor holds a promissory note, or membership in a partnership which has any of the above. Other investments include stocks, bonds, rental property, real estate, antiques, art, certificates of deposit, IRA or KEOGH accounts, commodities, investments, etc.

Food stamps. These data are restricted to families and primary individuals with total incomes of \$20,000 per year or less. Food stamps are government issued coupons that can be used to purchase food. The food stamp program is a joint Federal-state program which is administered by state and local governments.

Poverty status. The poverty data in this report differs from official poverty estimates in two important respects.

The first important difference is the use of a poverty definition that is based on household income in place of the official method that is based on the income of the family or the unrelated individual. Under the official approach, the poverty status of two unrelated individuals living together would be determined by comparing the income of each individual to the poverty threshold for an unrelated individual. The result might be that both were in poverty, both were out of poverty, or one was in poverty and one was not. Under the approach used in this report, the two unrelated individuals were treated as members of a two-person family and their poverty status was determined by comparing their combined income to the poverty threshold for a two-person family. The effect of using a poverty concept that is based on household income is to undercount the number of persons in poverty relative to the official estimate. A study based on the March 1975 Current Population Survey found that poverty estimates based on a household income concept were about six percent lower than official estimates. For more information, see Technical Paper X, Effect of Using a Poverty Definition Based on Household Income, U.S. Department of Health, Education, and Welfare, 1976. A second important difference between the poverty estimates in this report and the official poverty estimates has to do with the method used to measure income. The official annual poverty estimates are based on data collected in the March supplement to the Current Population Survey. The income questions asked in that survey are very detailed and measure the amount of income received during the previous calendar year. The income questions asked in the AHS are much less detailed and measure the amount received during the previous twelve months. Because interviews were conducted during the period August through December, the income measures do not pertain to a fixed period. Most of the income questions in the AHS were asked on a household rather than an individual income basis. The lack of data for individuals made it necessary to adopt a poverty definition based on household income.

Officially, families and unrelated individuals are classified as being above or below the poverty level using the poverty index originated at the Social Security Administration in 1964 and revised by the Federal Interagency Committees in 1969 and 1980. The poverty index is based solely on money income and does not reflect the fact that many low-income persons receive noncash benefits such as food stamps, Medicaid, and public housing. The index is based on the Department of Agriculture's 1961 Economy Food Plan and reflects the different consumption requirements of families based on their size and composition. The poverty thresholds are updated every year to reflect changes in the Consumer Price Index (CPI). For further details, see Current Population Reports, Series P-60, No. 158, Poverty in the United States: 1985.

Year unit acquired. The year the unit was acquired or inherited refers to the year in which the present owner acquired or inherited the house or apartment; for example,

the year the contract was signed. This date may be different from the date when the occupants moved in. If the land and building were bought at different times, the year of the building only was recorded. If there was a land contract only, the year the contract was signed was recorded. For mobile homes, the model year is the year acquired. Median year acquired is rounded to the nearest year.

First-time owners. If both the owner and any co-owners have never owned or co-owned another home as a usual place of residence, then the housing unit was reported as the first home ever owned. Previous homes purchased solely as vacation homes or homes purchased for commercial rental purposes are not to be considered usual residences. However, if a previously owned home was originally purchased as a usual residence and later used as a vacation home or for commercial or rental purposes, the home is considered as being owned as a usual residence.

Purchase price. The purchase price refers to the price of the house or apartment and lot at the time the property was purchased. Closing costs are excluded from the purchase price, and for mobile homes the value of the land is excluded. Median purchase price is rounded to the nearest dollar.

Major source of down payment. This item refers to the source of the cash used for down payment or outright purchase of the property (house and lot). If more than one source applied, the one providing the largest portion of the down payment or outright purchase was recorded. Sale of previous home was indicated only if the previous home was sold during the 12-month period preceding the acquisition of the present home. Savings, or cash on hand includes money drawn from savings, such as bank deposits, credit unions, share accounts, savings bonds, certificates of deposits (CD's), money market funds, IRA or KEOGH accounts. Sale of other investment includes the sale of other real property or real estate other than the previous home or from the sale of other investments such as securities (common and preferred stock, municipal or corporate bonds, mutual funds), dissolved business ventures, etc. Borrowing other than a mortgage on this property was indicated if the present owner borrowed the down payment, even if the property was mortgaged.

Money received as a gift regardless of the source was categorized "inheritance or gift." "Land where building built used for financing" means the land on which the structure was built was used as the present owner's equity in the property. Sources of down payment which do not fit any of the above categories were recorded in the "other category."

Mortgages currently on property. The owner or the owner's spouse was asked the number of mortgages or similar loans currently in effect on the home. For mobile

homes, if there was a separate loan for the mobile home and for the land, two mortgages were recorded. A mortgage or similar debt refers to all forms of debt where the property is pledged as security for payment of the debt. It includes such debt instruments as deed of trust, trust deeds, mortgage bonds, and vendors' liens. In the first three arrangements, usually a third party, known as the trustee, holds the title to the property until the debt is paid. In the vendor lien arrangement, the title is kept by the buyer but the seller (vendor) reserves, in the deed to the buyer, a lien on the property to secure payment of the balance of the purchase price. Also included as a mortgage or similar debt are contracts to purchase, land contracts, and lease-purchase agreements where the title to the property remains with the seller until the agreed upon payments have been made by the buyer.

Primary mortgage. Data are shown in this report for primary mortgages and secondary mortgages. A mortgage is primary if it is the only one on the property. If two or more mortgages exist, one was designated as the primary mortgage. Detailed information on mortgages was collected in the AHS on the first two mortgages reported even if the unit had three or more mortgages. On the basis of this information one of the first two mortgages was considered to be the primary mortgage. The definition of the primary mortgage may not in all case totally agree with legal definitions of a "first mortgage." The following hierarchy was used to determine primary mortgage: (1) A VA, FHA or FmHA mortgage was automatically considered to be the primary mortgage. (2) If neither mortgage was a VA, FHA, or FmHA mortgage, an assumed mortgage was considered to be the primary mortgage. (3) If none of the above conditions existed, the mortgage obtain the year the home was purchased was considered to be the primary mortgage. (4) If both mortgages were obtained after the year of purchase, the one taken out first was considered to be the primary mortgage. (5) If all the above failed to designate a primary mortgage, the mortgage for the largest initial amount borrowed was considered the primary mortgage. All other mortgages were considered to be secondary.

Type of primary mortgage. Mortgage insurance is financial protection provided to the lender in case the borrower fails to keep up the required mortgage payments and defaults on the loan. Such insurance protection is offered by both the government, acting as an insurance agent, and by private mortgage insurance companies. The Federal government agencies that currently insure or guarantee mortgages or similar debts include the Federal Housing Administration (FHA), and the Veteran's Administration (VA), and the Farmers Home Administration. Mortgages or loans that are not insured or guaranteed by FHA, VA, or the Farmers Home Administration are referred to as "conventional" mortgages. Conventional mortgages and mortgage debts insured or guaranteed by State or local government agencies are shown as other types. The FHA

insures home loans made by private lenders. The Farmers Home Administration provides much the same service as the FHA, but confines its assistance to rural areas. The VA guarantees or insures loans under the Servicemen's readjustment Act (GI Bill). Mortgage loans that are not insured by the FHA, VA, or Farmers Home Administration are referred to as "conventional" mortgages. Conventional mortgages and mortgage debts insured or guaranteed by State or local government agencies are shown in the tables as "Other Types."

Lower cost State and local mortgages. Data are shown for owners with one or more mortgages. These are loans generally one to three percent below the current mortgage interest rate at the time the loan was made. The loans are managed through State or local governments, and financed from the proceeds from mortgage revenue bonds. Excluded are Federally funded VA programs.

Mortgage origination. Data are shown for owner occupied units with one or more mortgages. For units with new mortgages data are classified by the date the new mortgage was obtained in relation to the date the property was acquired. An assumed mortgage indicates that the present mortgage is the same mortgage that was assumed from the previous owner when the property was acquired and has not been refinanced. A wrap-around mortgage is a mortgage whose face value encompasses the unpaid balance of the first mortgage(s) plus the amount of any new funds extended by the wrap-around lender. "Combination of the above" means that there were more than one method of origination for the outstanding mortgages on the property.

Payment plans of primary and secondary mortgages.

Data are presented separately for primary and secondary mortgages. The term "payment" refers to regular principal and interest payments only, and not to payments for real estate taxes, property insurance, etc. Fixed payment, self amortizing mortgages have payments that do not change during the term of the loan, with the principal payments sufficient to pay off the loan completely within the stated term. Adjustable rate mortgages are mortgages whose interest rates could be changed during the life of the mortgage changing the amount of the payments required. In adjustable term mortgages, the amount of the payments stay 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 which rise later in the life of the mortgage. Balloon mortgages are mortgages in which only part or none of the principal is paid off during the term of the loan. At the end of the term the principal is paid off in one lump sum, refinanced with a new loan, or extended by renewal of the loan.

Lenders of primary and secondary mortgages. This item is restricted to units with two or more mortgages. The data are classified by whether the money was borrowed from a firm (bank or other organization), the seller of the property, or from another individual. Other organizations consist of mortgage corporations, pension plans, credit unions, savings and loan associations, etc. Individuals include anyone who was not the most recent owner.

Items included in primary mortgage payment. The respondent was asked to indicate which items were included in the monthly mortgage payment besides principal and interest. These items included property taxes, property insurance, and other charges. Other charges may include insurance premiums, disability insurances, life insurances, etc.

Year primary mortgage originated. The year the primary mortgage was originated is the year the mortgage was signed. Medians for year primary mortgage originated are rounded to the nearest year.

Term of primary mortgage at origination or assumption. Term is the number of years from the date the new owners first obtained the present mortgage to the date the last payment is due according to the terms of the contract. Medians for term of primary mortgage are rounded to the nearest year.

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

Current interest rate. This item refers to the annual percentage rate in effect as of the date of the interview, not the rate when the mortgage was made, nor any imminent changes of which the respondent may be aware. Medians for current interest rate are rounded to the nearest tenth.

Total outstanding principal amount. The statistics shown represent the total amount of principal that would have to be paid off if the loan were paid off in full on the date of interview. Medians for outstanding principal amount are rounded to the nearest dollar.

Current total loan as percent of value. This percentage is computed by dividing the outstanding principal amount by the value of the housing unit. Medians for loan as a percent of value are rounded to the nearest tenth of a percent.

Monthly housing costs. The data presented for owner- and renter-occupied housing units. Monthly housing cost for owner-occupied units is the sum of monthly payments for the mortgage, or installment loan or contract, real estate taxes (including taxes on mobile homes or trailer

sites if the site is owned), property insurance, homeowners association fee, cooperative or condominium fee, mobile home park fee, land rent, utilities (electricity, gas, water, and sewage disposal), fuels (oil, coal, kerosene, wood, etc.), and garbage and trash collection. Monthly housing costs are not computed for households with a mortgage or similar debt that failed to report the amount of their loan or contract payment.

For renter-occupied housing units, monthly housing costs include the contract rent plus the estimated average monthly cost of utilities (electricity, gas and water) and fuels (oil, coal, kerosene, wood, etc.) if these items are paid for by the renter (or paid for by someone else, such as a relative, welfare agency, or friend) in addition to rent. Renter housing units occupied without payment of cash rent are shown separately as no cash rent. Monthly housing costs for vacant-for-rent housing units include rent asked.

Monthly housing costs are shown for all renters and all owners. In 1983 and earlier, the Annual Housing Survey published selected monthly housing costs and gross rent for specified owners and specified renters only. Table 19 in this report presents financial characteristics for specified owners and specified renters, which can be used for making comparisons with 1983 and earlier years. Medians for monthly housing costs are rounded to the nearest dollar.

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

Rent paid by lodgers. This item refers to a regular fixed rent, a set amount of money, billed or charged, that is paid at regular intervals by a lodger (usually weekly or monthly) to a member of the household. The data are restricted to lodgers who are 14 years of age or older, nonrelatives of the householder or any co-owners or co-renters, and not a co-owner or co-renter themselves. Medians for rent paid by lodgers are rounded to the nearest dollar.

Property insurance. This item refers to homeowner's/household property insurance on the structure and its contents (such as furniture, appliances, clothing, etc.) and usually contains some liability insurance to protect occupants should visitors have an accident on the premises. Renters usually have household property insurance. The total cost is the most recent charges for the 12-month period preceding

the interview for which the occupants have actually been billed. Yearly cost was divided by 12 before calculating a monthly median cost. Medians for property insurance are rounded to the nearest dollar.

Cost and ownership sharing. This item is restricted to owner-occupied housing units. Shared ownership is two or more names on a deed or title. Shared costs include only payments designated for mortgage or utility costs, whether paid directly to a mortgage or utility company, or to household members. "Not living here" means that one of the persons sharing the ownership or costs is not a household member.

Monthly payment for principal and interest. The data present the monthly dollar amount paid for the mortgage, principal and interest only. It does not include that portion of the monthly payment used for property taxes, homeowner insurance, and/or other charges. Medians for monthly payment for principal and interest are rounded to the nearest dollar.

Real estate taxes. This item includes special assessments, school taxes, county taxes, and any other real estate taxes. Not included are payments on delinquent taxes due from prior years. 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.

Annual taxes paid per \$1,000. The annual taxes paid per \$1,000 value of the property (house and lot) are presented. Medians for real estate taxes and taxes per \$1,000 value are rounded in the nearest dollar.

Routine maintenance in last year. Routine maintenance consists of regular maintenance activities necessary for the preventive care of the structure, property and fixed equipment items. Included are such things as painting, papering, floor sanding, restoration of some shingles, fixing of water pipes, replacement of parts of large equipment, such as furnace, repairing fences, gutters, sidewalks, decks, or patios, removal of dangerous trees, termite inspection, etc. Housecleaning is not included. Routine maintenance does not include work reported under the section on repairs, improvements and alterations. Medians for routine maintenance are rounded to the nearest dollar.

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

The cooperative maintenance fee for a cooperative unit (also called carrying charges) is based on a percentage developed by dividing the value of the unit by the total value of the project at the time the cooperative corporation was formed. A cooperative maintenance fee is the share of the annual budget to be borne by the member living in the sample unit, including his/her share of the annual amount paid by the cooperative for real estate taxes, mortgage interest and operating cost. Medians for condominium and cooperative fees are rounded to the nearest dollar.

Other housing costs per month. A homeowner's association fee (excludes condominiums and cooperatives fees) is a fee charged for services such as upkeep of common property (painting hallways, cleaning lobbies, mowing lawns, repairing laundry facilities, paving parking areas, repairing street lights, etc.). The fee may include the use and maintenance of either indoor or outdoor swimming facilities or other recreational facilities (party rooms, tennis courts, basketball courts, exercise rooms, playground areas, etc.). Also the homeowner's association fee can include payments for security personnel such as security guards or services such as telephone answering service, maid service or other domestic help. Mobile home park fees are regular payments to the park management which could include site rental, utility charges, mail handling, and/or fees for the maintenance of common areas. In a few areas of the country, the people may own the unit, but not the land on which it stands. Land rent refers to land which is rented or leased from the land owner, and "ground rent" is paid. These leases are for long periods of time (50-100 years) when originated. The lease obligation transfers with the property and cannot be canceled. Medians for other housing costs are rounded to the nearest dollar.

Rent reductions. Rent control means that an increase in rent is regulated by law. The jurisdiction, state or local, mandates that percentage rent increases are set and must be approved by a board, agency, department, division, office etc. A housing unit is classified as being in a public housing project if the structure in which the unit is located is owned by any local or state government agency, such as a housing and redevelopment authority or a housing development agency, and operated as public housing. These organizations may receive subsidies from the Federal or State government, but the local agency owns the property.

A housing unit is classified as being subsidized if under certain programs the respondent pays a lower rent because a Federal, State, or local government program pays part of the cost of construction, building mortgage, or operating expenses. These programs include (1) the rental assistance program where part of the rent for low-income families occupying the rental housing units is paid by the Department of Housing and Urban Development (HUD), (2) the FHA interest subsidy programs for rental and cooperative housing for low-income families, (3) the rent

supplement program where part of the rent for low-income families occupying certain types of HUD-assisted rental housing projects is paid by the FHA, and (4) the direct loan program of HUD for housing the elderly. Units requiring income verification are subsidized units.

Other activities on property. Data presented excludes rental units. Property consists of one or more tracts of land which the respondent considers to be the same property, farm, ranch, estate. The tracts may be adjoining or they may be separated by a road, creek, or other piece of land. A commercial establishment may be located in the same building as the sample unit or it may be located elsewhere on the property (grocery store, restaurant, gasoline station, or veterinary office). Those housing units which have no recognizable alterations to the outside of the house are not considered as having a commercial establishment. For a condominium, this item refers to the sample unit only. A farm is not classified as a commercial establishment. A medical or dental office is a doctor's or dentist's office regularly visited by patients.

Repairs, improvements, alterations in last 2 years. The statistics refer to the 24 months prior to the date of the interview and are restricted to owner-occupied, one unit structures on less than 10 acres. The data are presented according to whether the repairs, improvements and alterations cost less than \$500 or \$500 or more. The total cost of the labor and materials was to be reported. However, if the labor was performed by the occupants or provided without charge, only the cost of the materials was obtained. The cost pertains to the sum of the costs of the jobs if there were more than one job within the 2-year period.

Repairs

Roofs. Work begun, but never completed, was not counted unless the work was currently in progress. All jobs were included no matter how small.

Additions. An addition is floor space built onto, above or below an existing house in order to increase the enclosed space within the house. All work must have been done after the original construction.

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

Bathrooms. Bathroom added to space already enclosed within the structure were counted. Remodeling a bathroom could include replacing or adding installed equipment such as a shower door and fixtures, or vanity; or replacing or adding cabinets, counter tops, floors or lighting.

Siding. Work begun, but never completed was not counted unless the work was currently in progress. All jobs were included no matter how small.

Storm doors/windows. Used storm doors/windows were counted if new to the unit. Window or doors which were purchased but not yet installed were counted as long as the intentions were to install them.

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

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

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

Government subsidy for repairs. Low interest loans are loans more than one percent below the current market rate for home improvements at the time the loan was made. The loans are designed by specific government programs for the purpose of home repair, and the money must be spent that way. Government programs can be Federal, State, or local.

Household Characteristics

Household. A household consists of all the persons who occupy a housing unit. By definition, the count of households is the same as the count of occupied housing units.

Householder. The householder is the first household member 18 years old and over who is the owner or renter of the sample unit. In cases where no household member listed owns or rents the unit or is 18 years or older, the first household member listed is the householder. Prior to 1980, the concept "head of household" was used. One person in each household was designated as the head, that is the person who was 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 for the purpose of simplifying the tabulations.

Household composition by age of householder Statistics by age of householder are presented separately for two-or-more-person households and for one-person households. Households having two or more persons are further subdivided as follows:

Married-couple families, no nonrelatives. Each household in this group consists of the householder and spouse, and other persons, if any, all of whom are related to the householder.

Other male householder. This category includes households with male householders who are married, but with wife absent because of separation or other reason where husband and wife maintain separate residences; and male householders who are widowed, divorced, or single. Also included are households with male householder, wife present and nonrelatives living with them.

Other female householder. This category includes households with female householders who are married, but with husband absent because of separation or other reason where husband and wife maintain separate residences; and female householders who are widowed, divorced, or single. Also included are households with female householder, husband present, and nonrelatives living with them.

Households consisting of only one person are shown separately for male householder and female householder under the category "one-person households."

Family or primary individual. Housing units are occupied by either families or primary individuals. The term "family" refers to the householder and all (one or more) other persons living in the same household who are related to the householder by blood, marriage or adoption. If the householder lives alone or with nonrelatives only, then the householder is considered a primary individual.

Married couples related to the householder of a family are included in the family and are not considered as separate families. A lodger, servant, or other person unrelated to the householder is considered a member of the household but not of the family.

In the statistics on household composition, families are always included in one of the three major groups of two-or-more-person households. Primary individuals with nonrelatives living with them are tabulated as two-or-more-person households and further subdivided as other male householder or female householder. Primary individuals living alone are always tabulated as one-person households.

Subfamily. A subfamily is a married couple with or without children or one parent with one or more own single (never married) children under 18 years old living in a household and related to the householder or spouse. The most common example of a subfamily is a young married couple sharing the home of the husband's or wife's parents.

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

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

Own never-married children under 18 years old. Statistics on presence of own children of householders are shown in this report. A child under 18 years old is defined as an own child if he or she is a single (never married) son, daughter, stepchild, or adopted child of a householder. Own children of subfamilies are excluded from the total count of own children.

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

Nonrelative. A nonrelative of the householder is any person in the household who is not related to the householder by blood, marriage, or adoption. Roomers, boarders, lodgers, partners, resident employees, wards, and foster children are included in this category.

Years of school completed by householder. The statistics refer to the highest grade of regular school completed, not to the highest grade attended. For persons still attending school, the highest grade completed is one less than the one in which they are currently enrolled. Regular school refers to formal education obtained in graded public, private, or parochial schools, colleges, universities, or professional schools, whether day or night school, and whether attendance was full or part time. That is, regular schooling is formal education which may advance a person toward an elementary or high school diploma, college, university, or professional school degree. Schooling or tutoring in other than regular schools is counted only if the credits obtained are regarded as transferable to a school in the regular school system. Householders whose highest grade completed was in a foreign school system or in an upgraded school were instructed to report the approximate equivalent grade (or years) in the regular United States school system. Householders were not reported as having completed a given grade if they dropped out or failed to pass the last grade attended. Education received in the following types of schools is not counted as regular schooling: Vocational schools, trade schools, business schools, and noncredit adult education classes.

Single children under 18 years old. Single children include all persons under 18 years of age. They may or may not be related to the householder and are not married (widowed, divorced, separated, or never been married) at the time of the interview.

Adults and single children under 18 years old. Data are shown for all single children whether related to the householder or not by the age categories under 6 years old, 6 to 17 years old, and householder containing children in both age groups. The data are further divided by households headed by a married couple, other households with 2 or more adults, and households with one adult or none.

Person other than spouse or children. Data are shown for households with the following types of people:

Single adult offspring 18 to 29. This category is restricted to persons who are offspring of the reference person or the reference person's spouse 18 to 29 years of age and not currently married.

Single adult offspring 30 years of age or over. This category is restricted to persons who are offspring of the reference person or the reference person's spouse 30 years of age or over and not currently married.

Households with three generations. This category includes situations where (1) both one or more children of the householder or spouse and one or more parents of the householder or spouse live in the unit, (2) both one or more parents of the householder or spouse and one or more grandparents of the householder or spouse, and (3) both one or more children of the householder or spouse and one or more grandchildren of the householder or spouse.

Households with one subfamily. Data are shown for subfamily householders under 30 years of age, 30 to 64 years of age and 65 years of age and over.

Household with other types of relatives. This category excludes households where the only relatives of the householder present are the householder's spouse or children, and households where no relative of the householder is present.

Co-owners or co-renters. This category includes all households where more than one household members name is on the deed of ownership, mortgage, land contract, contract to purchase or similar document; or more than one household members' name on the lease, or, if there is no lease, more than one household member responsible for paying the rent.

Lodgers. Lodgers are restricted to households with members 14 years of age and over who are not co-owners, co-renters, or children of co-owners or co-renters who pay rent to another household member.

Unrelated children under 18 years old. This category includes all households with members under 18 years of age who are unrelated to the householder or spouse. The members under 18 cannot be co-owners, co-renters or lodgers.

Other non-relatives. This category includes all households with members 18 years of age and over who are unrelated to the householder or spouse. The members 18 and over cannot be co-owners, co-renters or lodgers.

One or more secondary families. This category includes households which have two or more persons meeting the sub-family definition except that none of the secondary family members are related to the householder or spouse.

Households, none related to each other. None of the household members are related to any other household member. Persons other than the householder may be co-owners, co-renters, or lodgers.

Household moves and formation. Data are shown separately for households which moved into the present unit during the 12 months prior to the date of the interview and for those that moved in after 1979. The distributions are further classified by (1) whether the household moved together from the same unit, from two or more units, or moved at separate times, and (2) if previous household-er(s) moved into the present unit.

Facsimile of the American Housing Survey Questionnaire: 1985

Form AHS-92 U.S. DEPARTMENT OF COMMERCE BUREAU OF ECONOMIC ANALYSIS ACTING ASSISTANT SECRETARY DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT

AMERICAN HOUSING SURVEY METROPOLITAN SAMPLE 1985 OCCUPIED HOUSING UNITS

DATE No. 2525-0016; Approval Expires March 31, 1985

NOTICE - All information which would permit identification of the individual unit is held in strict confidence by law under U.S. Code, title 13, section 1901. It is to be used only for sworn Census employees and may be used only for statistical purposes.

1. Control number
PSU Segment Serial Sample Panel
~410+ F

2a. Date of first visit
0019 Month Day Year

b. Interviewer name

c. Interview method
0018 1 Personal visit
2

3. Check item (See Control Card item 6.)
Control number in sample last enumeration period - Fill item 4
Control number in sample for first time this enumeration period - Skip to item 6

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

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

6. Type of interview
0040 1 Regular occupied - (One or more "1's" in Control Card item 14). Go to item 20, page 3
2 URE occupied - (All "2's" in Control Card item 14) - Go to item 124, page 32
4 Type A noninterview

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

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

9. Mortgage information (See item 94, page 19.)
0070 1 Mortgage information not required OR callback not required
2 Callback required
3 Unable to obtain information - Explain Z

10. Unit measurement (See item 192, page 52.)
0125 1 Unit measurement not required OR callback not required
2 Callback required
3 Information obtained
4 Unable to obtain information - Explain Z

11-13. WASHINGTON USE ONLY

14a. Interviewer: Is there any information for this sample unit which should be reviewed by the office prior to data keying?
0135 1 Review not required
2 Review required

Notes

b. OFFICE USE ONLY
0136 1 Review completed

15. OFFICE USE ONLY
a. EDIT FOLLOWUP REQUIRED ->
0137 Page Item
0138 Page Item
0139 Page Item

b. SOURCE OF RESOLUTION
0140 1 Respondent
2 Interviewer
3 Regional Office staff
4 Washington
5 Other - Specify

c. OFFICE USE ONLY
0141 Editor's code
0142

16. Mobility Supplement (See item 175, page 44.)
0145 1 Mobility information not required OR callback not required
2 Callback required Z
3 Information obtained
4 Unable to obtain information - Explain Z

17. Address correction
0146 ~B10+ First address line
Second address line
Place or city State ZIP Code

18-19. WASHINGTON USE ONLY

Notes

Facsimile of the American Housing Survey Questionnaire: 1985-Continued

REGULAR OCCUPIED	
<p>20. Are your living quarters in a — (Read answer categories.)</p> <p>1 <input type="checkbox"/> Mobile home? 2 <input type="checkbox"/> One-unit building, detached from any other building? 3 <input type="checkbox"/> One-unit building, attached to one or more buildings? — Skip to item 22a 4 <input type="checkbox"/> Building with two or more apartments? — Skip to item 21b</p>	<p>1120 1 <input type="checkbox"/> Mobile home? 2 <input type="checkbox"/> One-unit building, detached from any other building? 3 <input type="checkbox"/> One-unit building, attached to one or more buildings? — Skip to item 22a 4 <input type="checkbox"/> Building with two or more apartments? — Skip to item 21b</p>
<p>21a. Are there any occupied or vacant apartments besides your own in the (building/mobile home)?</p> <p>1 <input type="checkbox"/> Yes — Fill Table X on Control Card, then go to item 21b 2 <input type="checkbox"/> No — Skip to item 23 and mark box 1 or 4</p>	<p>1130 1 <input type="checkbox"/> Yes — Fill Table X on Control Card, then go to item 21b 2 <input type="checkbox"/> No — Skip to item 23 and mark box 1 or 4</p>
<p>b. How many apartments are in the (building/mobile home)?</p> <p>1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No 3 <input type="checkbox"/> Don't know</p>	<p>1140 _____ Number — Skip to item 23 and mark box 3 or 5</p> <p>1150 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No 3 <input type="checkbox"/> Don't know</p>
<p>22a. Does your (house/apartment) share an attic or basement with the (house/apartment) next door?</p> <p>b. How many (houses/apartments) including your own share the attic or basement?</p>	<p>1160 _____ Number — If one, reask item 22a and correct entry. If more than one, skip to item 23 and mark box 3.</p> <p>1170 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No 3 <input type="checkbox"/> Don't know</p>
<p>c. Does your (house/apartment) share a furnace or boiler with the (house/apartment) next door?</p> <p>d. How many (houses/apartments) including your own share the furnace or boiler?</p>	<p>1180 _____ Number — If one, reask item 22c and correct entry. If more than one, skip to item 23 and mark box 3.</p> <p>1190 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No 3 <input type="checkbox"/> Don't know</p>
<p>e. Are there any occupied or vacant apartments besides your own in the building?</p> <p>f. How many apartments including your own are in the building?</p>	<p>1190 1 <input type="checkbox"/> Yes — Fill Table X on Control Card, then go to item 221 2 <input type="checkbox"/> No — Skip to item 23 and mark box 2</p> <p>1200 _____ Number — If one, reask item 22e and correct entry. If more than one, go to item 23 and mark box 3.</p>
<p>23. Final structure type classification based on entries in items 20-22.</p> <p>1 <input type="checkbox"/> One-unit building — detached 2 <input type="checkbox"/> One-unit building — attached 3 <input type="checkbox"/> Two-or-more-unit building 4 <input type="checkbox"/> One-unit mobile home 5 <input type="checkbox"/> Two-or-more-unit mobile home</p>	<p>1210 1 <input type="checkbox"/> One-unit building — detached 2 <input type="checkbox"/> One-unit building — attached 3 <input type="checkbox"/> Two-or-more-unit building 4 <input type="checkbox"/> One-unit mobile home 5 <input type="checkbox"/> Two-or-more-unit mobile home</p>
<p>24. Is the house built — (Read answer categories until a "yes" reply is received.)</p> <p>1 <input type="checkbox"/> With a basement under all the building? 2 <input type="checkbox"/> With a basement under part of the building? 3 <input type="checkbox"/> With a crawlspace? 4 <input type="checkbox"/> On a concrete slab? 5 <input type="checkbox"/> In some other way? — Specify _____</p>	<p>1220 1 <input type="checkbox"/> With a basement under all the building? 2 <input type="checkbox"/> With a basement under part of the building? 3 <input type="checkbox"/> With a crawlspace? 4 <input type="checkbox"/> On a concrete slab? 5 <input type="checkbox"/> In some other way? — Specify _____</p>
<p>25a. Is the (house/apartment) part of a condominium or cooperative?</p> <p>b. To the Census Bureau, a cooperative is property which is owned by a corporation. Each shareholder is entitled to occupy an individual unit. Is this what you mean when you say this is a cooperative?</p>	<p>1230 1 <input type="checkbox"/> No 2 <input type="checkbox"/> Yes, condominium 3 <input type="checkbox"/> Yes, cooperative</p> <p>1240 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No 3 <input type="checkbox"/> Don't know</p>

REGULAR OCCUPIED — Continued	
<p>26a. How many of each of the following rooms does the (house/apartment) have? (For a one room efficiency or studio apartment, enter "1" for living room, enter the correct number of bedrooms, and mark "None" for all other rooms.)</p> <p>(1) Bedrooms? _____ Number (2) Full bathrooms? _____ Number (For and cold pipe water AND sink AND flush toilet AND bathtub or shower) (3) Half bathrooms? _____ Number (Toilet OR bathtub OR shower) (4) Kitchens? _____ Number (5) Living rooms? _____ Number (6) Dining rooms? _____ Number Is it a separate room? <input type="checkbox"/> 1 Yes <input type="checkbox"/> 2 No — Correct entry for number of dining rooms</p>	<p>1240 _____ Number 1250 _____ Number 1260 _____ Number 1270 _____ Number 1280 _____ Number 1290 _____ Number 1295 _____</p>
<p>b. Are there any other rooms? (Exclude halls, foyers, pantries, garages, porches or areas that aren't separated by a built-in, floor-to-ceiling wall extending at least a few inches into room.)</p> <p>c. What are they? _____ Number of family rooms, dens, recreation rooms and/or libraries _____ Number of rooms that are business space with direct access to outside _____ Number of other rooms, finished or unfinished _____</p>	<p>1300 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No — Skip to item 27</p> <p>1310 _____ 1320 _____ 1330 _____</p>
<p>27. Does the (house/apartment) have a kitchen sink? (For this household's use only)</p> <p>1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No</p>	<p>1340 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No</p>
<p>28. Check item (See item 26a.) One or more full bathrooms — Skip to item 30a No full bathrooms — Ask item 29a</p>	<p>1350 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No — Skip to item 31a, page 5</p>
<p>29a. Does the (house/apartment) have a bathtub or shower for this household's use only?</p> <p>b. Does the (house/apartment) have a flush toilet for this household's use only?</p>	<p>1360 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No — Skip to item 31a, page 5</p>
<p>30a. In the last 3 months, was there any time when all the toilets in the home were not working? (While household was living here if less than 3 months)</p> <p>b. How many of these breakdowns lasted 6 hours or more?</p>	<p>1370 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No toilet breakdowns — Skip to item 31a, page 5</p> <p>1380 _____ Number of toilet breakdowns lasting 6 hours or more <input type="checkbox"/> 0 No toilet breakdowns lasting 6 hours</p>

Facsimile of the American Housing Survey Questionnaire: 1985-Continued

REGULAR OCCUPIED - Continued	
<p>31a. Is all the wiring in the finished areas of your home concealed either in walls or metal coverings? (Exclude appliance cords, extension cords, chandelier cords, telephone or antenna wires.)</p> <p>b. Does every room have an electric outlet or wall plug that works?</p> <p>c. Have any fuses blown or circuit breakers tripped in the last 3 months? (For the home) (While household was living here if less than 3 months)</p> <p>d. How many times in the last 3 months?</p>	<p>1390 <input type="checkbox"/> Yes, concealed <input type="checkbox"/> No</p> <p>1400 <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>1410 <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Don't know } Skip to item 32a</p> <p>1420 _____ Number</p> <p>1430 <input type="checkbox"/> Yes <input type="checkbox"/> No - Skip to item 32c</p> <p>1440 <input type="checkbox"/> Roof <input type="checkbox"/> Basement <input type="checkbox"/> Walls or around closed windows or closed doors <input type="checkbox"/> Other - Specify _____</p> <p>1450 <input type="checkbox"/> Yes <input type="checkbox"/> No - Skip to item 33a</p> <p>1460 <input type="checkbox"/> Own plumbing fixtures backed up and/or overflowed <input type="checkbox"/> Pipes leaked (includes pipe leaks from other apartments.) <input type="checkbox"/> Other or unknown - Specify _____</p> <p>1470 <input type="checkbox"/> Yes <input type="checkbox"/> No - Skip to item 34a</p> <p>1480 <input type="checkbox"/> Electricity <input type="checkbox"/> Gas <input type="checkbox"/> Fuel oil <input type="checkbox"/> Kerosene or other liquid fuel <input type="checkbox"/> Coal or coke <input type="checkbox"/> Wood <input type="checkbox"/> Solar energy <input type="checkbox"/> Other - Specify _____</p> <p>1490 <input type="checkbox"/> Yes <input type="checkbox"/> No water stoppage - Skip to item 34a</p> <p>1500 _____ Water stoppages lasting 8 hours or more <input type="checkbox"/> None lasted 8 hours</p> <p>1510 <input type="checkbox"/> Public or private water system - Skip to item 35a, page 6 <input type="checkbox"/> Individual well - Ask item 34b <input type="checkbox"/> Spring <input type="checkbox"/> Cistern <input type="checkbox"/> Stream or lake <input type="checkbox"/> Bottled water <input type="checkbox"/> Other - Specify _____ } Skip to item 35a, page 6</p> <p>1520 <input type="checkbox"/> Only this house/apartment <input type="checkbox"/> 2 to 5 <input type="checkbox"/> 6 or more</p> <p>1530 <input type="checkbox"/> Drilled <input type="checkbox"/> Dug</p>
<p>32a. Has water leaked into your home from outside doors in the last 12 months? (Exclude plumbing or other inside leaks.) (While household was living here if less than 12 months)</p> <p>b. Where did the water come from? (Mark all that apply.)</p> <p>c. Have there been water leaks in the finished areas of your home (including the building in the last 12 months)? (While household was living here if less than 12 months)</p> <p>d. Where did the water come from? (Mark all that apply.)</p>	<p>1540 <input type="checkbox"/> Yes - Skip to item 35b <input type="checkbox"/> No</p> <p>1550 <input type="checkbox"/> Septic tank or cesspool - Ask item 35c <input type="checkbox"/> Chemical toilet <input type="checkbox"/> Outhouse or privy <input type="checkbox"/> Other - Specify _____ } Skip to item 36a</p> <p>1560 <input type="checkbox"/> One <input type="checkbox"/> 2 to 5 <input type="checkbox"/> 6 or more</p> <p>1570 <input type="checkbox"/> Yes <input type="checkbox"/> No sewage breakdowns - Skip to item 36a</p> <p>1580 _____ Sewage breakdowns lasting 8 hours or more <input type="checkbox"/> None lasted 8 hours</p> <p>1590 <input type="checkbox"/> Yes <input type="checkbox"/> No - Skip to item 37a</p> <p>1600 <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>1610 <input type="checkbox"/> Yes <input type="checkbox"/> No - Skip to item 38a</p> <p>1620 <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>1630 <input type="checkbox"/> Yes - Skip to item 38c <input type="checkbox"/> No</p> <p>1640 <input type="checkbox"/> Yes <input type="checkbox"/> No } If both are "No," skip to item 39a</p> <p>1650 <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>1660 <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>1670 <input type="checkbox"/> Electricity <input type="checkbox"/> Gas <input type="checkbox"/> Kerosene or other liquid fuel <input type="checkbox"/> Coal or coke <input type="checkbox"/> Wood <input type="checkbox"/> Other - Specify _____ } No fuel used</p> <p>1680 <input type="checkbox"/> Yes <input type="checkbox"/> No - Skip to item 40a, page 7</p> <p>1690 <input type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>33a. Does the (house/apartment) have hot and cold piped water? (For this household's use only)</p> <p>b. What fuel is used MOST to heat the water?</p> <p>c. Was your home ever completely without running water in the last 3 months? (While household was living here if less than 3 months)</p> <p>d. How many times was it not available for 8 hours or more?</p>	<p>1690 <input type="checkbox"/> Yes <input type="checkbox"/> No - Skip to item 38a</p> <p>1700 <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>1710 <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>1720 <input type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>34a. Does water for your home come from a public or private system, an individual well, or some other source? (Mark first category that is used for drinking and cooking.)</p> <p>b. How many (houses/apartments) does the well serve?</p> <p>c. Is the well drilled or dug?</p>	<p>1730 <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>1740 <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>1750 <input type="checkbox"/> Yes <input type="checkbox"/> No</p>

REGULAR OCCUPIED - Continued	
<p>35a. Is the (house/apartment) connected to a public sewer?</p> <p>b. What means of sewage disposal does the (house/apartment) have?</p> <p>c. How many (houses/apartments) are connected to the (septic tank/cesspool)?</p> <p>d. Did the sewage system break down in the last 3 months? (So that it was completely unusable) (While household was living here if less than 3 months)</p> <p>e. How many of these breakdowns lasted 8 hours or more?</p>	<p>1640 <input type="checkbox"/> Yes - Skip to item 35b <input type="checkbox"/> No</p> <p>1650 <input type="checkbox"/> Septic tank or cesspool - Ask item 35c <input type="checkbox"/> Chemical toilet <input type="checkbox"/> Outhouse or privy <input type="checkbox"/> Other - Specify _____ } Skip to item 36a</p> <p>1660 <input type="checkbox"/> One <input type="checkbox"/> 2 to 5 <input type="checkbox"/> 6 or more</p> <p>1670 <input type="checkbox"/> Yes <input type="checkbox"/> No sewage breakdowns - Skip to item 36a</p> <p>1680 _____ Sewage breakdowns lasting 8 hours or more <input type="checkbox"/> None lasted 8 hours</p> <p>1690 <input type="checkbox"/> Yes <input type="checkbox"/> No - Skip to item 37a</p> <p>1700 <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>1710 <input type="checkbox"/> Yes <input type="checkbox"/> No - Skip to item 38a</p> <p>1720 <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>1730 <input type="checkbox"/> Yes - Skip to item 38c <input type="checkbox"/> No</p> <p>1740 <input type="checkbox"/> Yes <input type="checkbox"/> No } If both are "No," skip to item 39a</p> <p>1750 <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>1760 <input type="checkbox"/> Electricity <input type="checkbox"/> Gas <input type="checkbox"/> Kerosene or other liquid fuel <input type="checkbox"/> Coal or coke <input type="checkbox"/> Wood <input type="checkbox"/> Other - Specify _____ } No fuel used</p> <p>1770 <input type="checkbox"/> Yes <input type="checkbox"/> No - Skip to item 40a, page 7</p> <p>1780 <input type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>36a. Does your (house/apartment) have a refrigerator? (For this household's use only) (Exclude ice boxes)</p> <p>b. Is it more than 5 years old? (Age of newest if two or more)</p>	<p>1790 <input type="checkbox"/> Yes <input type="checkbox"/> No - Skip to item 37a</p> <p>1800 <input type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>37a. Does your (house/apartment) have a garbage disposal in the sink?</p> <p>b. Is it more than 5 years old?</p>	<p>1810 <input type="checkbox"/> Yes <input type="checkbox"/> No - Skip to item 38a</p> <p>1820 <input type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>38a. Does your (house/apartment) have a cookstove or range with an oven? (For this household's use only) (Include microwaves. Exclude toaster-ovens and portable burners.)</p> <p>b. Does your (house/apartment) have - (1) an oven? (Include microwaves) (Exclude toaster-ovens) (2) cooking burners? (Exclude portable burners)</p> <p>c. Is it (is/are they) more than 5 years old? (Age of newest if two or more)</p> <p>d. What fuel is used MOST for cooking?</p>	<p>1830 <input type="checkbox"/> Yes - Skip to item 38c <input type="checkbox"/> No</p> <p>1840 <input type="checkbox"/> Yes <input type="checkbox"/> No } If both are "No," skip to item 39a</p> <p>1850 <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>1860 <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>1870 <input type="checkbox"/> Electricity <input type="checkbox"/> Gas <input type="checkbox"/> Kerosene or other liquid fuel <input type="checkbox"/> Coal or coke <input type="checkbox"/> Wood <input type="checkbox"/> Other - Specify _____ } No fuel used</p> <p>1880 <input type="checkbox"/> Yes <input type="checkbox"/> No - Skip to item 40a, page 7</p> <p>1890 <input type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>39a. Does your (house/apartment) have a dishwasher?</p> <p>b. Is it more than 5 years old?</p>	<p>1890 <input type="checkbox"/> Yes <input type="checkbox"/> No - Skip to item 40a, page 7</p> <p>1900 <input type="checkbox"/> Yes <input type="checkbox"/> No</p>

Facsimile of the American Housing Survey Questionnaire: 1985-Continued

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

REGULAR OCCUPIED - Continued	
44. Does the (house/apartment) have a usable fireplace?	1830 <input type="checkbox"/> Yes <input type="checkbox"/> No
PLEASE LOOK AT THIS CARD. 45. What type of heating equipment is used MOST to heat the (house/apartment)?	1840 <input type="checkbox"/> A central warm-air furnace (with air vents or ducts to the individual rooms) <input type="checkbox"/> Steam or hot-water system (radiators or other system using steam or hot water) <input type="checkbox"/> Electric heat pump <input type="checkbox"/> Other built-in electric units (permanently installed in wall, ceiling, or baseboards) <input type="checkbox"/> Floor, wall, or other built-in, hot-air heater without ducts <input type="checkbox"/> Room heaters - (Is it /Are they) - <input type="checkbox"/> Kerosene, gas, or oil heaters, VENTED to the outside through a chimney, flue, or pipes? <input type="checkbox"/> UNVENTED gas, oil, or kerosene heaters? <input type="checkbox"/> Portable electric heaters? <input type="checkbox"/> Stove(s) <input type="checkbox"/> Fireplace(s) WITH inserts (installed equipment designed to circulate more heat into the room) <input type="checkbox"/> Fireplace(s) with NO inserts <input type="checkbox"/> Other - Specify _____ <input type="checkbox"/> None - Skip to item 46a, page 9
46a. What other kinds of heating equipment does the (house/apartment) have or use?	1850 <input type="checkbox"/> A central warm-air furnace (with air vents or ducts to the individual rooms) <input type="checkbox"/> Steam or hot-water system (radiators or other system using steam or hot water) <input type="checkbox"/> Electric heat pump <input type="checkbox"/> Other built-in electric units (permanently installed in wall, ceiling, or baseboards) <input type="checkbox"/> Floor, wall, or other built-in, hot-air heater without ducts <input type="checkbox"/> Room heaters - (Is it /Are they) - <input type="checkbox"/> Kerosene, gas, or oil heaters, VENTED to the outside through a chimney, flue, or pipes? <input type="checkbox"/> UNVENTED gas, oil, or kerosene heaters? <input type="checkbox"/> Portable electric heaters? <input type="checkbox"/> Stove(s) <input type="checkbox"/> Fireplace(s) WITH inserts (installed equipment designed to circulate more heat into the room) <input type="checkbox"/> Fireplace(s) with NO inserts <input type="checkbox"/> Other - Specify _____ <input type="checkbox"/> None
b. Anything else? (Mark all that apply.)	Notes

Facsimile of the American Housing Survey Questionnaire: 1985-Continued

REGULAR OCCUPIED - Continued

47a. Last winter was there any time when the furnace or boiler no cold for 24 hours or more that it caused anyone in your household discomfort? Skip to item 48a

1980 1 Yes
2 No
3 Did not live here last winter

b. Was that because the heating equipment broke down?

1980 1 Yes
2 No, didn't break down - Skip to item 47a

c. How many times did it/they all break down for 6 hours or more?

1980 Number of breakdowns lasting 6 hours or more
0 Never broken for 6 hours
1 Yes
2 No - Skip to item 48a

d. Was it cold for any other reason?

1980 1 Utility interruption
2 Inadequate heating capacity
3 Inadequate insulation
7 Other - Specify

e. What was the reason?

1980 1 Yes
2 No

48a. Does the (house/apartment) have a porch, deck, balcony, or patio?
(Measuring at least four feet by four feet)
(Exclude if already counted as a room.)

1980 1 Yes
2 No

b. Does the (house/apartment) have open cracks or holes in the inside walls or ceilings?
(Cracks thicker than a dime)

1980 1 Yes
2 No

c. Does the (house/apartment) have holes in the floors?
(Big enough for someone to trip in)

1980 1 Yes
2 No

d. Does the (house/apartment) have any area of peeling paint or broken plaster bigger than 8 inches by 11 inches?
(The size of a weekly news magazine or standard letter)

1980 1 Yes
2 No

e. In the last 3 months have you seen any rats or signs of rats in the building?

1980 1 Yes
2 No

49. On a scale of 1 to 10, how would you rate the (house/apartment) as a place to live? 10 is best, 1 is worst.

1980

50a. How would you rate the neighborhood on a scale of 1 to 10? 10 is best, 1 is worst.
(Mark "No neighborhood," if respondent volunteers this answer.)

1980 0 No neighborhood - Skip to item 51a, page 10
1 Yes
2 No - Skip to item 51a, page 10

b. Is there anything about the neighborhood that bothers you?

2000 1 No problem
2 Crime
3 Noise
4 Traffic
5 Litter or housing deterioration
6 Poor city/county services
7 Undesirable commercial, institutional, or industrial property
8 People
9 Other

c. What?
(Write exact words and mark all that apply.)

REGULAR OCCUPIED - Continued

51. Check item Mark first box that applies.
(See Control Card item 25.)

a. Respondent moved here after 1979 - Ask item 52a
Others (but not respondent) moved here after 1979 - Skip to item 59, page 11
All moved in 1979 or earlier - Go to item 51b
(See Control Card item 6b.)

2030 1 Owned - Skip to item 73a, page 16
2 Rented - Skip to item 64a, page 14
3 No cash rent - Skip to item 64c, page 14

52a. What are the reasons you moved from your last (house/apartment)?
(Mark all that apply.)

2030 1 A private company or person wanted to use it for some purpose
2 Forced to leave by the government
3 Disaster loss (fire, flood, etc.)
4 New job or job transfer
5 To be closer to work/school/other
6 Other financial/employment related
7 To establish own household
8 Needed larger house or apartment
9 Married, widowed, divorced or separated
10 Other, family/personal related
11 Wanted better quality house (apartment)
12 Change from owner to renter OR renter to owner
13 Wanted lower rent or less expensive house to maintain
14 Other housing related reasons
15 Other - Specify

b. Mark if only one box checked in item 52a or ask -
What is the MAIN reason you moved?
Number from item 52a
All reasons of equal importance

2070 0 All reasons of equal importance

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

54a. Did you leave -
(1) Because the owner, or members of the owner's family were going to move into that (house/apartment)?
(2) Because that unit was going to become a condominium or cooperative?
(3) Because that (house/apartment) was closed for repairs?

2080 1 Yes - Skip to item 55a, page 11
2 No

2080 1 Yes - Skip to item 55a, page 11
2 No

2100 1 Yes } Skip to item 55a, page 11
2 No }

b. Did you leave -
(1) Because the government wanted to use the land or building for some other purpose?
(2) Because that (house/apartment) was condemned by the government as unfit for occupancy?
In addition to the reasons given, did you leave -
(1) Because a private company or person wanted to use it for some purpose?
(2) Was that because the owner or members of the owner's family were going to move into that (house/apartment)?
(3) Because it was going to be a condominium or cooperative?
(4) Because it was closed for repairs?
(5) Because the government forced you to leave?
(6) Was that because the government wanted to use the land or building for some other purpose?
(7) Because it was condemned by the government as unfit for occupancy?

2110 1 Yes - Skip to item 55a, page 11
2 No

2120 1 Yes } Skip to item 55a, page 11
2 No }

2130 1 Yes - Ask (2)
2 No - Skip to (5)

2140 1 Yes - Skip to item 55a, page 11
2 No - Ask (3)

2150 1 Yes - Skip to item 55a, page 11
2 No - Ask (4)

2160 1 Yes } Skip to item 55a, page 11
2 No }

2170 1 Yes - Ask (6)
2 No - Skip to item 55a, page 11

2180 1 Yes - Skip to item 55a, page 11
2 No - Ask (7)

2190 1 Yes
2 No

Facsimile of the American Housing Survey Questionnaire: 1985-Continued

REGULAR OCCUPIED - Continued

55a. When you were going to move, did you look for a (house/apartment) in any neighborhood other than this? 1 Yes 2 No

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

2200 Convenient to job
 Convenient to friends or relatives
 Convenient to leisure activities
 Convenient to public transportation
 Good schools
 Other public services
 Looks/design of neighborhood
 House was most important consideration
 Other

2210 * Box number from item 55b

2220 All reasons of equal importance
 1 Yes 2 No 3 Looked at only this unit

55b. Before you moved, did you look at both (houses/mobile homes) and apartments?
 b. Why did you choose this particular (house/apartment)? (Write exact words and mark all that apply.)
 Anything else?

2230 Financial reasons
 Room layout/design
 Kitchen
 Size
 Exterior appearance
 Yard/tree/view
 Quality of construction
 Only one available
 Other - Specify

2240 * Box number from item 55b

2250 All reasons of equal importance

56. Is this (house/apartment) better, worse, or about the same as your last home?
 b. Check item (See Control Card item 25.)
 Only one person moved in after 1979 - Skip to item 61b, page 12
 Two or more persons moved in after 1979 - Ask item 60a

2260 Better
 1 Better
 2 Worse
 3 About the same
 4 Same neighborhood

2270 Better
 1 Better
 2 Worse
 3 About the same

56a. Earlier you told me that... (Specify names/and you) moved into this (house/apartment) after 1979. Did all of (you/whom) move here from the same previous residence?
 b. INTERVIEWER INSTRUCTION (See Control Card item 26.)
 If all moved in within a 6-month period - Skip to item 61b, page 12
 If people moved in more than 6 months apart - Put them in separate groups in item 61b on pages 7 and 13 and ask items 61b-1m for each group.

2280 1 Yes 2 No - Skip to item 61e, page 12

REGULAR OCCUPIED - Continued

61a. Which people moved here from the same previous residence?
 Enter line numbers of all people who came from first home mentioned under Group 1, the line numbers of all people who came from the second home mentioned under Group 2, etc. If people moved from same previous residence but more than 6 months apart, put them in separate groups.

GROUP 1
 Line numbers

2310
 2320
 2330

b. What city, county, and State did... (Specify names for line numbers in item 61a) (you/they) live in just before moving here?

2340 Outside U.S. - Skip to item 61n
 City or place
 County
 State

2350 Office use only
 ZIP Code

c. What was the ZIP Code?

2360 Yes 2 No or not incorporated place 3 Don't know

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

2370 Zone alpha (if any)
 Off map

e. Enter zone number OR hand respondent zone map and ask - This map is divided into zones. Which zone did... and... live in just before moving here?
 (If necessary, obtain any other information needed to locate on map.)

2380 A house?
 An apartment?
 A mobile home?
 Or some other type of residence? - Skip to item 61n.

2390 Owned or being bought by someone in that household?
 Rented for cash?
 Occupied without payment of cash rent?

2400 No ... to item 2405
 Yes, condominium } 61j
 Yes, cooperative

h. Was that part of a condominium or cooperative?

2410 Yes ... item 61k
 No ... item 61k

i. To the Census Bureau, a cooperative is property which is owned by a corporation. Each shareholder is entitled to occupy an individual unit. Is this what you mean when you say this is a cooperative?

2420 Yes - Skip to item 61m
 No

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

2430 Yes
 No

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

2440 Increased
 Stayed about same
 Decreased
 Don't know

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

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

2450 Yes
 No

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

Facsimile of the American Housing Survey Questionnaire: 1985-Continued

REGULAR OCCUPIED - Continued

GROUP 2 Line numbers: 2310, 2320, 2330, 2340. **GROUP 3** Line numbers: 2310, 2320, 2330, 2340. **GROUP 4** Line numbers: 2310, 2320, 2330, 2340.

2310 City or place
2320 County
2330 State
2340 Office use only

2350 Office use only

2360 Yes
 No or not incorporated place
 Don't know

2370 Zone code

2380 Zone alpha (if any)

2390 Zone alpha (if any)

2400 A house?
 An apartment?
 A mobile home?
 Or some other type of residence? - Skip to item 61n.

2410 Owned or being bought by someone in that household?
 Rented for cash?
 Occupied without payment of cash rent?

2420 No
 Yes, condominium } to item 61j
 Yes, cooperative

2430 Yes
 No - Reask item 61h and correct entry } to item 61j

2440 Increased
 Stayed about same
 Decreased
 Don't know

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

REGULAR OCCUPIED - Continued

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

63. Check item (See Control Card item 8b.)
Current residence is -
 Owned - Skip to item 73a, page 16
 Rented - Go to item 64g
 No cash rent - Skip to item 64c

64a. How often is the rent due?
2600 Times per year
12 Monthly
2610 \$ 2810 \$ 00

b. How much is the rent?
(If parking priced separately, exclude it here and mark NO to items 64m and 64n without asking.)
2611 1 Yes
2 No - Skip to item 64g

c. Check item (See item 23, page 3.)
 One-unit mobile home or two-or-more-unit mobile home - Ask item 64d
 Not a mobile home - Skip to item 64m

d. Do you pay separate rent for the land?
2612 1 Yes
2 No - Skip to item 64g

e. How many times a year is the (land/lot) rent due?
2613 \$ 00
0 No cash rent see 7
1 Yes
2 No - Skip to item 64j

f. What is the cost each ... (Billing period)?
2614 12 Monthly
2615 \$ 00
0 No cash rent included in mobile home park fee

g. In addition to the land rent, do you pay any (additional) mobile home park fee?
2616 1 Yes
2 No - Skip to item 64j

h. How many times a year is the fee due?
2617 12 Monthly
2618 Times per year

i. What is the cost each ... (Billing period)?
2619 \$ 00
0 Included in mobile home rent

j. Are there any (other) required fees for utility hookups, mobile home association fees, and so forth?
2620 1 Yes
2 No - Skip to item 64m

k. How many times a year are the fees due?
2621 12 Monthly
2622 Times per year

l. What is the average cost each ... (Billing period) for those fees?
2623 \$ 00
0

m. Is a garage or carport included (in the rent/with the home)?
2624 1 Yes - Skip to item 65a, page 15
2 No

n. Is an offstreet parking space included?
2625 1 Yes
2 No

Notes

Facsimile of the American Housing Survey Questionnaire: 1985-Continued

REGULAR OCCUPIED - Continued

65a. Is the building owned by a public housing authority?
 2540 1 Yes - Skip to item 66
 2 No

b. Does the Federal Government pay some of the cost of the unit?
 2550 1 Yes - Skip to item 66
 2 No

c. Does the State or local government pay some of the cost of the unit?
 2560 1 Yes - Skip to item 65
 2 No

d. Do you/the people living here have to report the household's income to someone every year so they can set the rent?
 2570 1 Yes - Skip to item 66
 2 No

e. Is there rent control on the unit?
 2580 1 Yes - Skip to item 66
 2 No

f. Is the rent adjusted because someone in the household works for or is related to the owner?
 2590 1 Yes
 2 No

66. Check item (See item 23, page 3.)
 One-unit mobile home or two-or-more-unit mobile home - Skip to item 68
 Not a mobile home - Ask item 67

67. About when was the building originally built?
 2610 1 1980 or later } Skip to item 70
 2 1979
 3 75-78
 4 70-74
 5 60-69
 6 50-59
 7 40-49
 8 30-39
 9 20-29
 0 1919 or earlier

68. Excluding the dealer's lot, is this the first site on which this mobile home was placed?
 2600 1 Yes, first site
 2 No, moved from another site
 3 Don't know

69. What is the model year of the mobile home?
 2610 1 1980 or later } Ask item 70
 2 1979
 3 75-78
 4 70-74
 5 60-69
 6 50-59
 7 40-49
 8 30-39
 9 1939 or earlier

70. Were you the first (person/people) to occupy this home or did someone else live here before you?
 2620 1 First occupants
 2 Previously occupied

Notes

REGULAR OCCUPIED - Continued

71. Check item (See item 23, page 3.)
 Two-or-more-unit building or two-or-more-unit mobile home - Skip to item 109a, page 24
 All others - Ask item 72a

72a. How large is the (lot/site)?
 Include all connecting land that is owned or that is rented with the home.
 If over 1 acre, drop any fractions, don't round up. If under one acre, convert to approximate square feet.
 One eighth acre = 5500 sq. ft.
 Quarter acre = 11000 sq. ft.
 One third acre = 14000 sq. ft.
 Half acre = 22000 sq. ft.
 Three quarters acre = 33000 sq. ft.
 One acre = 44000 sq. ft.
 MARK OR ASK -
 2880 1 Yes } Skip to item 109a, page 24
 2 No

b. Is it more than 10 acres?
 2890 1 Yes }
 2 No

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

(1) Was all or part of the roof replaced in the last 2 years?
 2855 1 Yes, all
 2 Yes, part
 3 No }
 4 No cost

(2) Were any additions built?
 2860 1 Yes
 2 No }
 3 No cost

(3) Was the kitchen remodeled or a kitchen added?
 2870 1 Yes
 2 No }
 3 No cost

(4) Were any bathrooms remodeled or added?
 2880 1 Yes
 2 No }
 3 No cost

(5) Was any siding replaced or added in the last 2 years?
 2890 1 Yes
 2 No }
 3 No cost

(6) Were any new storm doors or storm windows bought and installed?
 2900 1 Yes
 2 No }
 3 No cost

(7) Was any major equipment, such as a furnace or central air conditioning replaced or added?
 2910 1 Yes
 2 No }
 3 No cost

(8) Was insulation added?
 2920 1 Yes
 2 No }
 3 No cost

(9) Were any (---/other) major repairs, or improvements, over \$500 each done in the last 2 years?
 2930 1 Yes
 2 No - Go to item 74
 3 No }
 4 No cost

74. Check item (See item 73a.)
 At least one "Yes" marked in item 73a - Ask item 75
 All "No" in item 73a - Skip to item 76

75. Did the household get a low interest loan or grant from a government program to help pay for making any of these repairs or alterations to your home?
 2830 1 Yes
 2 No

76. In just the last YEAR, how much was spent on routine maintenance such as painting, repairs, etc.? Exclude anything already mentioned. (Exclude housecleaning.)
 2840 1 \$ _____
 2 Nothing

REGULAR OCCUPIED - Continued

77. Check item (See item 23, page 3.)
 One-unit mobile home or two-or-more-unit mobile home - Skip to item 79
 Not a mobile home - Ask item 78

78. About when was the building originally built?
 2810 1980 or later }
 Month Year }
 2810 1 1979
 2 75-78
 3 70-74
 4 60-69
 5 50-59
 6 40-49
 7 30-39
 8 20-29
 9 1919 or earlier
 Skip to item 82a

79. Excluding the dealer's lot, is this the first site on which this mobile home was placed?
 2800 1 Yes, first site
 2 No, moved from another site
 3 Don't know

80. What is the model year of the mobile home?
 2810 1980 or later }
 Year }
 2810 1 1979
 2 75-78
 3 70-74
 4 60-69
 5 50-59
 6 40-49
 7 1939 or earlier
 Skip to item 82a

81. Were you the first (person/people) to occupy this home or did someone else live here before you?
 2820 1 First occupants
 2 Previously occupied

82a. When did this household buy the (house/apartment)?
 (If land and building bought at different times, building only)
 2830 1 Year - Skip to item 82c
 2 Owner built it or had it built - Skip to item 82c
 3 Received as inheritance or gift

b. In what year did this household (inherit/receive) the home?
 2840 1 Year - Skip to item 82a

c. What was the price? (Exclude closing costs.) (For mobile homes, exclude value of the land.)
 2850 \$

d. Was the main source of the down payment the sale of a previous home, savings, or something else?
 (If bought outright, enter main source of full payment.)
 2860 1 Sale of previous home if sold during past 12 months - Skip to item 83a, page 18
 2 Savings or cash on hand
 3 Sale of other investment
 4 Borrowing, other than a mortgage on this property
 5 Inheritance or gift
 6 Land where building was built used for financing
 7 Other - Specify _____
 8 No down payment made

e. (Have any of the owners now living here/have you) ever owned a home before?
 2870 1 Yes
 2 No

REGULAR OCCUPIED - Continued

83. Check item
 a. (See item 25a, page 3.)
 Condominium or cooperative - Skip to item 87a
 Not a condominium or cooperative - Go to item 83b
 b. (See item 23, page 3.)
 One-unit building - Ask item 84a
 Mobile home - Skip to item 88a, page 19
 Two-or-more-unit building or two-or-more-unit mobile home - Skip to item 86a

84a. How large is the (lot/lot?)
 (Include all connecting land that is owned or that is rented with the home.)
 If under one acre, convert to approximate square feet.
 One-eighth acre = 5500 sq. ft.
 Quarter acre = 11000 sq. ft.
 One-third acre = 14000 sq. ft.
 Half acre = 22000 sq. ft.
 Three-quarters acre = 33000 sq. ft.
 One acre = 44000 sq. ft.
 2880 Square feet
 OR
 2890 Feet by
 3000 feet
 OR
 3010 Whole acres
 0 Don't know - Ask item 84b
 1 Yes - Skip to item 86a
 2 No

b. MARK OR ASK -
 Is it more than 10 acres?
 3020 1 Yes - Skip to item 86a
 2 No

c. Is there a commercial establishment on the property?
 3030 1 Yes - Skip to item 85a
 2 No

d. Is there a medical or dental office on the property?
 3040 1 Yes - Skip to item 85b
 2 No

e. How much do you think the house and lot would sell for on today's market?
 3100 \$ Skip to item 89a, page 19

85a. Is there a medical or dental office on the property?
 3040 1 Yes
 2 No

b. How much do you think the house, (business/medical office) and lot would sell for on today's market?
 3080 \$

c. What is the value of the residential portion of this property?
 3100 \$ Skip to item 89a, page 19

86a. Is there a commercial establishment on the property?
 3030 1 Yes
 2 No

b. Is there a medical or dental office on the property?
 3040 1 Yes
 2 No

c. How much do you think the house and (Acreage from item 84a) (all the land) would sell for on today's market?
 3080 \$

d. How much do you think the house and its (lot/yard) would sell for on today's market?
 3100 \$ Skip to item 89a, page 19

e. Is there a commercial establishment on the property?
 3030 1 Yes
 2 No

f. Is there a medical or dental office on the property?
 3040 1 Yes
 2 No

g. How much do you think the entire building and property would sell for on today's market?
 3080 \$

h. How much of that would apply to the apartment only?
 3100 \$ Skip to item 89a, page 19

87a. Is there a commercial establishment on the property?
 3030 1 Yes
 2 No

b. Is there a medical or dental office on the property?
 3040 1 Yes
 2 No

c. How much do you think the apartment would sell for on today's market?
 3100 \$ Skip to item 89a, page 19

Facsimile of the American Housing Survey Questionnaire: 1985-Continued

REGULAR OCCUPIED - Continued	
88a. How large is the (lot/site) (include all connecting land that is owned or that is rented with the home.) If over one acre, drop any fractions, don't round up. If under one acre, convert to approximate square feet.	2980 <input type="checkbox"/> Square feet OR 2990 <input type="checkbox"/> Feet by 3000 <input type="checkbox"/> feet OR 3010 <input type="checkbox"/> Whole acres o <input type="checkbox"/> Don't know - Ask item 88b
b. Is it more than 10 acres?	3020 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No
c. Is there a commercial establishment on the property?	3030 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No
d. Is there a medical or dental office on the property?	3040 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No
e. How much do you think the mobile home would sell for on today's market? (Do not include the value of the land.)	3100 \$ <input type="checkbox"/> 00
f. Do you own the land?	3140 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No - Skip to item 89a
g. How much do you think the land would sell for on today's market?	3160 \$ <input type="checkbox"/> 00
89a. Is a garage or carport included with your home?	3220 1 <input type="checkbox"/> Yes - Skip to item 90 2 <input type="checkbox"/> No
b. Is an offstreet parking space included?	2630 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No
90. Is the ownership of the (house/apartment) shared with anyone NOT living here?	3180 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No
91. Does anyone not living here pay some of the mortgage or utility costs?	3190 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No
92. The next questions are about mortgages or other loans that are secured by the property. Is there a mortgage or other loan on this (house/apartment)? (Include "Land contracts" and other loans SECURED BY THE PROPERTY.)	3200 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No - If response to item 91 was "Yes" probe to see if there is a mortgage. Skip to item 95a, page 22
93. Did you get your mortgage through a State or local government program that provides lower cost mortgages?	3210 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No
94. Check item (See Control Card items 13 and 17.) <input type="checkbox"/> Respondent is an owner or owner's spouse - Ask item 95, page 20 <input type="checkbox"/> Respondent is not an owner or owner's spouse - Callback required - mark item 9, page 1; then skip to item 95a, page 22	
Notes	

REGULAR OCCUPIED - Continued	
95. How many mortgages are there now on the home/property?	3220 <input type="checkbox"/> Number of mortgages
96a. Did you get the current (first/second) mortgage the same year you bought your home?	3230 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No - Skip to item 96b
b. With regard to the (first/second) mortgage, did you get a new mortgage or did you assume someone else's mortgage?	3240 1 <input type="checkbox"/> New - Skip to item 96f 2 <input type="checkbox"/> Assumed 3 <input type="checkbox"/> Wrap-around - Skip to item 96f
c. How much was left to pay off when you assumed it?	3250 \$ <input type="checkbox"/> 00
d. How many years remained on the mortgage then?	3260 <input type="checkbox"/> Years - Skip to item 96i
e. What year did you get the mortgage?	3280 1 <input type="checkbox"/> Year
f. When you first obtained THIS mortgage, how many years was it for?	3290 <input type="checkbox"/> Years - If less than 15, ask item 96g; if 15 or more, skip to item 96h o <input type="checkbox"/> Can vary - Ask item 96g
g. At your current payments, how long would it take to pay off the loan?	3300 <input type="checkbox"/> Years
h. How much was borrowed?	3310 \$ <input type="checkbox"/> 00
i. Does this mortgage cover - (1) Other homes or apartments besides this one?	3320 1 <input type="checkbox"/> Yes - Skip to item 96j 2 <input type="checkbox"/> No
(2) Farm land?	3330 1 <input type="checkbox"/> Yes - Skip to item 96j 2 <input type="checkbox"/> No
(3) A business on this property?	3340 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No - Skip to item 96k
j. How much of the ... (Amount in item 96c or h) applies just to your home?	3350 \$ <input type="checkbox"/> 00 Whole number
k. What is the current interest rate on the mortgage? (Annual percentage rate) (Round down to nearest 1/4)	3360 <input type="checkbox"/> Plus Fraction 3370 0 <input type="checkbox"/> No fraction 2 <input type="checkbox"/> 1/2 1 <input type="checkbox"/> 1/4 3 <input type="checkbox"/> 3/4
l. What is the current monthly payment?	3380 \$ <input type="checkbox"/> 00
m. Besides principal and interest, does this payment include - (1) Property taxes?	3390 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No
(2) Homeowner's insurance?	3400 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No
(3) Anything else?	3410 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No - Skip to item 96n, page 21
(4) How much were the other charges last year? (Do not include property taxes or homeowner's insurance.)	3420 \$ <input type="checkbox"/> 00

Facsimile of the American Housing Survey Questionnaire: 1985-Continued

REGULAR OCCUPIED - Continued	
FIRST (MORTGAGE/LOAN)	SECOND (MORTGAGE/LOAN)
<p>96r. Is the mortgage an FHA mortgage, a VA mortgage, a Farmer's Home administration mortgage, or some other mortgage?</p> <p>3430 <input type="checkbox"/> FHA (Federal Housing Administration) <input type="checkbox"/> VA (Veterans Administration) <input type="checkbox"/> Farmer's Home Administration - Go to item 96s <input type="checkbox"/> Skip to item 96q</p>	<p>3430 <input type="checkbox"/> FHA (Federal Housing Administration) <input type="checkbox"/> VA (Veterans Administration) <input type="checkbox"/> Farmer's Home Administration - Go to item 96s <input type="checkbox"/> Skip to item 96q</p>
<p>96s. Did you borrow the money from a bank or other organization, OR did you borrow it from an individual?</p> <p>3440 <input type="checkbox"/> Bank or other organization - Skip to item 96q <input type="checkbox"/> Individual <input type="checkbox"/> Yes <input type="checkbox"/> No</p>	<p>3440 <input type="checkbox"/> Bank or other organization - Skip to item 96q <input type="checkbox"/> Individual <input type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>96t. Was that the former owner of the home?</p> <p>3450 <input type="checkbox"/> Yes <input type="checkbox"/> No</p>	<p>3450 <input type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>96u. Are the payments on this loan the same as the whole length of the mortgage?</p> <p>3460 <input type="checkbox"/> Yes - Skip to item 96s <input type="checkbox"/> No</p>	<p>3460 <input type="checkbox"/> Yes - Skip to item 96s <input type="checkbox"/> No</p>
<p>96v. How do they change? (Mark all that apply.)</p> <p>3470 <input type="checkbox"/> Change in taxes or insurance, or due to decline in principal balance <input type="checkbox"/> Do they change for any other reason? <input type="checkbox"/> Yes - Mark box 2, 3, 4 and/or 5 <input type="checkbox"/> No - Go to item 96s <input type="checkbox"/> Change based on interest rates <input type="checkbox"/> Rise at fixed schedule during part of loan <input type="checkbox"/> Rise at fixed schedule during whole length of loan <input type="checkbox"/> Last payment biggest <input type="checkbox"/> Other - Specify <input type="checkbox"/></p>	<p>3470 <input type="checkbox"/> Change in taxes or insurance, or due to decline in principal balance <input type="checkbox"/> Do they change for any other reason? <input type="checkbox"/> Yes - Mark box 2, 3, 4 and/or 5 <input type="checkbox"/> No - Go to item 96s <input type="checkbox"/> Change based on interest rates <input type="checkbox"/> Rise at fixed schedule during part of loan <input type="checkbox"/> Rise at fixed schedule during whole length of loan <input type="checkbox"/> Last payment biggest <input type="checkbox"/> Other - Specify <input type="checkbox"/></p>
<p>96w. Check item (See item 95, page 20.)</p> <p>3480 <input type="checkbox"/> One mortgage - Skip to item 98a, page 22 <input type="checkbox"/> Two or more mortgages - Go back to item 96a</p>	<p>3480 <input type="checkbox"/> Only two mortgages - Skip to item 98a, page 22 <input type="checkbox"/> Three or more mortgages - Ask item 97a</p>
<p>97a. For the (third mortgage/other mortgage), how much did you borrow?</p> <p>3490 \$ <input type="text" value="00"/></p>	<p>3490 \$ <input type="text" value="00"/></p>
<p>97b. What is your current monthly payment for the (third mortgage/other mortgage)?</p> <p>3500 \$ <input type="text" value="00"/></p>	<p>3500 \$ <input type="text" value="00"/></p>

REGULAR OCCUPIED - Continued	
<p>98. Check item</p> <p>98a. (See item 23, page 3.) <input type="checkbox"/> One-unit mobile home or two-or-more-unit mobile home - Skip to item 101a <input type="checkbox"/> Not a mobile home - Go to item 98b</p> <p>98b. (See item 25a, page 3.) <input type="checkbox"/> Condominium or cooperative - Ask item 99a <input type="checkbox"/> All others - Skip to item 103a, page 23</p>	<p>3820 \$ <input type="text" value="00"/></p> <p>3824 <input type="checkbox"/> Yes <input type="checkbox"/> No - Skip to item 100e</p> <p>3828 \$ <input type="text" value="00"/></p> <p>3870 <input type="checkbox"/> Yes <input type="checkbox"/> No - Skip to item 109a, page 24</p> <p>3880 <input type="checkbox"/> Monthly <input type="checkbox"/> Times per year</p> <p>3890 \$ <input type="text" value="00"/> - Skip to item 109a, page 24</p> <p>3820 \$ <input type="text" value="00"/></p> <p>3824 <input type="checkbox"/> Yes <input type="checkbox"/> No - Skip to item 102a</p> <p>3828 \$ <input type="text" value="00"/></p>
<p>99a. What were the real estate taxes last year for the (condominium/cooperative) unit? (Include school taxes, special assessments, and any other real estate taxes.) (Exclude taxes past due from other years.)</p> <p>3820 \$ <input type="text" value="00"/></p>	<p>3820 \$ <input type="text" value="00"/></p>
<p>99b. Did you receive a real estate property tax rebate last year?</p> <p>3824 <input type="checkbox"/> Yes <input type="checkbox"/> No - Skip to item 100e</p>	<p>3824 <input type="checkbox"/> Yes <input type="checkbox"/> No - Skip to item 102a</p>
<p>99c. What was the amount of the property tax rebate?</p> <p>3828 \$ <input type="text" value="00"/></p>	<p>3828 \$ <input type="text" value="00"/></p>
<p>100a. Is there a required (condominium/cooperative) association fee?</p> <p>3870 <input type="checkbox"/> Yes <input type="checkbox"/> No - Skip to item 109a, page 24</p>	<p>3870 <input type="checkbox"/> Yes <input type="checkbox"/> No - Skip to item 109a, page 24</p>
<p>100b. How many times a year is the fee due?</p> <p>3880 <input type="checkbox"/> Monthly <input type="checkbox"/> Times per year</p>	<p>3880 <input type="checkbox"/> Monthly <input type="checkbox"/> Times per year</p>
<p>100c. What is the average cost each... (Billing period)?</p> <p>3890 \$ <input type="text" value="00"/> - Skip to item 109a, page 24</p>	<p>3890 \$ <input type="text" value="00"/> - Skip to item 109a, page 24</p>
<p>101a. On the mobile home (---) (and its lot) last year, what was the total amount of property and real estate taxes, registration fees, and license fees? (Include all connecting land. Include school taxes, special assessment, and any other real estate taxes.) (Exclude taxes past due from other years.)</p> <p>3820 \$ <input type="text" value="00"/></p>	<p>3820 \$ <input type="text" value="00"/></p>
<p>101b. Did you receive a real estate property tax rebate last year?</p> <p>3824 <input type="checkbox"/> Yes <input type="checkbox"/> No - Skip to item 102a</p>	<p>3824 <input type="checkbox"/> Yes <input type="checkbox"/> No - Skip to item 102a</p>
<p>101c. What was the amount of the property tax rebate?</p> <p>3828 \$ <input type="text" value="00"/></p>	<p>3828 \$ <input type="text" value="00"/></p>
Notes	

Facsimile of the American Housing Survey Questionnaire: 1985-Continued

REGULAR OCCUPIED - Continued	
102. Check item a. (See item 88f, page 19.) <input type="checkbox"/> Land is owned - Skip to item 102f <input type="checkbox"/> Land is NOT owned - Go to item 102b	3518 <input type="checkbox"/> Yes <input type="checkbox"/> No - Skip to item 109a
b. (See item 92, page 19.) <input type="checkbox"/> Yes, mortgage - Ask item 102c <input type="checkbox"/> No mortgage - Skip to item 102d	3520 <input type="checkbox"/> Yes - Skip to item 109a <input type="checkbox"/> No
c. Earlier you told me you do not own the land. Do you pay separate rent for the land?	3511 <input type="checkbox"/> Yes <input type="checkbox"/> No - Skip to item 102f
d. How many times a year is the land rent due?	3512 Times per year 12 <input type="checkbox"/> Monthly
e. What is the cost each billing period?	3513 \$ 00 0 <input type="checkbox"/> No cash rent 997 <input type="checkbox"/> Included in mobile home park fee or association fee
f. (----/in addition to the land rent), do you pay any (----/additional) mobile home park fee?	3550 <input type="checkbox"/> Yes <input type="checkbox"/> No - Skip to item 102f
g. How many times a year is the fee due?	3555 Times per year 12 <input type="checkbox"/> Monthly
h. What is the average cost each... (Billing period)?	3500 \$ 00
i. Are there (any/any other) required fees for utility hookups, mobile home association fees, and so forth?	3517 <input type="checkbox"/> Yes <input type="checkbox"/> No - Skip to item 109a, page 24
j. How many times a year are the fees due?	3518 Times per year 12 <input type="checkbox"/> Monthly
k. What is the average cost each... (Billing period) for those fees?	3519 \$ 00 - Skip to item 109a, page 24
103a. What were the real estate taxes last year for this home and its land? (If multi-unit building, estimate fees for sample unit. Include separate taxes for assessments, and any other real estate taxes.) (Exclude taxes past due from other years.)	3520 \$ 00
b. Did you receive a real estate property tax rebate last year?	3524 <input type="checkbox"/> Yes <input type="checkbox"/> No - Skip to item 105a
c. What was the amount of the property tax rebate?	3525 \$ 00
104. WASHINGTON USE ONLY	
105a. Is there a required homeowner's association fee?	3570 <input type="checkbox"/> Yes <input type="checkbox"/> No - Skip to item 106, page 24
b. How many times a year is the fee due?	3550 Times 12 <input type="checkbox"/> Monthly
c. What is the average cost each... (Billing period)?	3550 \$ 00 - Skip to item 109a, page 24

REGULAR OCCUPIED - Continued	
106. In some parts of the country people own their homes but rent the land. Do you pay rent for the land?	3519 <input type="checkbox"/> Yes <input type="checkbox"/> No - Skip to item 109a
107. Check item. (See item 92, page 19.) <input type="checkbox"/> Yes, mortgage - Ask item 108a <input type="checkbox"/> No mortgage - Skip to item 108b	3520 <input type="checkbox"/> Yes - Skip to item 109a <input type="checkbox"/> No
108a. Is the land rent included with the mortgage payment?	3520 <input type="checkbox"/> Yes - Skip to item 109a <input type="checkbox"/> No
b. How many times a year is the land rent due?	3530 Times per year 12 <input type="checkbox"/> Monthly
c. What does it cost each time?	3540 \$ 00
109a. Does this household have (household property/homeowner's) insurance?	3550 <input type="checkbox"/> Yes <input type="checkbox"/> No - Skip to item 110a
b. In the past 12 months what was the total cost?	3550 \$ 00
Now I have some questions about utility costs for this unit. You may check your records if you wish. When two or more utilities are billed together, try to determine the cost of each.	
110a. In the past 12 months what was the average MONTHLY cost for electricity?	3570 \$ 00 per month - If "All electric home," mark "Not used" in items 110b and d without asking 3580 <input type="checkbox"/> Not used <input type="checkbox"/> Included in rent, site rent, condominium or other fee, etc. <input type="checkbox"/> Obtained free
b. In the past 12 months what was the average MONTHLY cost for gas?	3580 \$ 00 per month, OR 3700 <input type="checkbox"/> Not used - Skip to item 110d <input type="checkbox"/> Included in rent, site rent, condominium, or other fee, etc. <input type="checkbox"/> Obtained free
c. Is the gas from underground pipes or bottled gas?	3720 <input type="checkbox"/> Underground pipes serving neighborhood <input type="checkbox"/> Bottled gas
d. In the past 12 months what was the total ANNUAL cost for fuel oil?	3730 \$ 00 per year, OR 3740 <input type="checkbox"/> Not used <input type="checkbox"/> Included in rent, site rent, condominium, or other fee <input type="checkbox"/> Obtained free
e. In the past 12 months what was the total ANNUAL cost for wood, coal, kerosene, or any other fuel?	3760 \$ 00 per year, OR 3770 <input type="checkbox"/> Not used <input type="checkbox"/> Included in rent, site rent, condominium, or other fee <input type="checkbox"/> Obtained free
f. In the past 12 months what was the total ANNUAL cost for garbage and trash collection?	3790 \$ 00 per year, OR 3800 <input type="checkbox"/> Not used <input type="checkbox"/> Included in real estate taxes, rent, site rent, condominium, or other fee <input type="checkbox"/> Obtained free
g. In the past 12 months what was the total ANNUAL cost for water supply and sewerage disposal?	3820 \$ 00 per year, OR 3830 <input type="checkbox"/> Included in real estate taxes, rent, site rent, condominium, or other fee <input type="checkbox"/> Obtained free

Facsimile of the American Housing Survey Questionnaire: 1985-Continued

REGULAR OCCUPIED - Continued

111a. How many automobiles are kept at home for use by members of your household? None 00

b. How many vans or trucks of one-ton capacity or less are kept at home for use by members of your household? None 00

112. Check item
 a. (See Control Card items 13, 14, and 18.)
 No nonrelative household members age 14+ in household - Skip to item 114, page 26
 Nonrelative household members age 14+ in household - Go to item 112b
 b. (See Control Card items 13, 17, and 18.)
 All nonrelatives age 14+ are co-owners/co-renters (in Control Card item 17) - Skip to item 114, page 26
 All others - Go to item 112c
 c. (See Control Card items 13, 17, and 18.)
 Remaining nonrelatives age 14+ are spouse or child(ren) of co-owner or co-renter - Skip to item 114, page 26
 All others - Ask item 113a-d for each nonrelative age 14+

113. Enter line number

a. Does... pay a regular fixed rent as a lodger to someone in this household?	3880	Line number	3880	Line number	3880	Line number
1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No - Skip to next nonrelative; if no other nonrelative, skip to item 114, page 26.	3890	Line number	3890	Line number	3890	Line number
b. How often is... rent due?	3900	Line number	3900	Line number	3900	Line number
12 <input type="checkbox"/> Monthly Times/year	3910	Line number	3910	Line number	3910	Line number
c. How much is the rent?	3920	Line number	3920	Line number	3920	Line number
1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No	3930	Line number	3930	Line number	3930	Line number
d. Does that include food?	3940	Line number	3940	Line number	3940	Line number
1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No	3950	Line number	3950	Line number	3950	Line number

Notes

REGULAR OCCUPIED - Continued

114. One of the main housing problems today is the total cost of housing compared to income. The next few questions are about income.
 In the past 12 months, how much did... earn in wages, salaries, tips, and commissions before deductions?
 (Obtain income for reference person and all household members. Do not include income of REFERENCE PERSON by blood, marriage, or adoption.)

3960	Line No.	3960	Amount
3970	Line No.	3970	Amount
3980	Line No.	3980	Amount
4000	Line No.	4000	Amount
4020	Line No.	4020	Amount
4040	Line No.	4040	Amount
4060	Line No.	4060	Amount
4080	Line No.	4080	Amount
4100	Line No.	4100	Amount
4120	Line No.	4120	Amount

115a. In the past 12 months did... or... (Specify names for line numbers in item 114) -
 (1) Have a business, farm or ranch? Yes No
 (2) Receive social security or pensions? (Social security checks are green. Do not count paid gold SSI checks as social security.) Yes No
 (3) Receive any interest or dividend income of \$400 or more? Yes No
 (4) Receive rental income? Yes No
 (5) Receive welfare or BSIT? Yes No
 (6) Receive alimony or child support? Yes No
 (7) Receive unemployment or worker's compensation or any other income? Yes No

b. In the past 12 months what was the total income from (Source marked "Yes" in item 115a)?
 Verified that identical amounts in items 114 and 115a are not duplicate amounts
 Total income after deducting losses
 Amount of total net loss

116. Check item (See items 114 and 115b.) (Mark first that applies.)
 Total income over \$20,000 - Skip to item 118a, page 27
 Income \$20,000 or less - Skip to item 117b, page 27
 Income is refused, NA or DK - Ask item 117a, page 27

Notes

Facsimile of the American Housing Survey Questionnaire: 1985-Continued

REGULAR OCCUPIED - Continued

117a. Was (your/their) total income over \$20,000? Yes - Skip to item 118a No

117b. Did . . . or . . . (Specify names for line numbers in item 114) receive Food Stamps in the past 12 months? Yes No

117c. Does . . . or . . . (Specify names for line numbers in item 114) have -
 (1) Savings? Yes No
 (2) Investments in a farm or business? Yes No
 (3) Other investments? (Exclude THIS home.) Yes No

117d. Is the total amount of savings and investments over \$20,000? Yes No

118. Check item
 a. (See Control Card item 8b.)
 Owned - Skip to item 120a, page 28
 Rented or no cash rent - Go to item 118b
 Two-or-more-unit building or one-unit mobile home - Ask item 119a

118b. Does the owner or a resident manager live in this (building/company)? (Exclude staff who do only maintenance.) Yes No

118c. What is the owner's name and address? (If don't know, ask - Where do you send your rent?)

Name (Please print) _____
 Address (Number, street) _____
 City _____ State _____ ZIP Code _____
 Title _____ Location _____
 Owner Home
 Other Office

Area code, number, extension _____
 Home
 Business

119. What is the (owner's/office's) telephone number? _____

Notes _____

REGULAR OCCUPIED - Continued

120a. Did . . . (Specify names of all household members age 14 +) work at any time last week? If "Yes," list line number. (Do NOT count persons who were absent from work all last week due to illness, vacation, strike, layoff, etc., as having worked.)

4440 No workers - Skip to item 121a, page 30
 4445 Line number _____
 Yes No

120b. Did . . . usually report to the same location to begin work each day? Yes No

120c. In what city, county, and State did . . . work last week?

City or place _____
 County _____
 State _____

4450 Outside USA - Skip to item 120f

120d. What is the ZIP Code? _____

120e. Is . . . 's place of work inside the incorporated limits of (City above)? Yes No or not incorporated place Don't know

120f. Enter zone number OR if necessary hand respondent zone map and ask: This map is divided into zones. In which zone did . . . work last week? (If necessary, obtain any other information needed to locate on map.)

4480 _____ Zone code _____
 4490 _____ Zone alpha (if any) _____
 4495 _____ Off map _____

120g. How did . . . usually get to work last week? (Mark item that accounted for greatest distance to location of job at which person worked most hours last week.)

4500 Car, truck, van, or other private vehicle with others?
 Did . . . drive alone or go with others?
 4510 Alone - Skip to item 120h
 Go with others - Ask item 120h
 4520 Bus or streetcar . . .
 Subway or elevated
 Railroad
 Taxicab
 Motorcycle
 Bicycle
 Other vehicle
 Walked only
 Works at home - Skip to item 120f

120h. How many people including . . . usually ride in the (car/truck/van)? _____

120i. How many minutes did it usually take . . . to get to work? _____

120j. What time did . . . usually leave for work? _____

120k. How many miles was . . . 's trip to work? _____

4530 _____ Number _____ Minutes _____
 4540 _____ Hours _____ Minutes _____
 4550 _____ a.m. _____ p.m.
 4560 _____ Miles _____
 Less than 1 mile
 Go to next worker; if none, go to item 121a, page 30

REGULAR OCCUPIED - Continued

121b. Housing size is important for analysis of other items from this survey. Measure square feet in this (house/apartment)? (---) /Include basements and finished attics. (---) /Exclude unfinished attics, carports, and attached garages. Also exclude porches that are not protected from the elements. (---) /Exclude the mobile home hitch.

4600 Don't know - Ask item 121b

4610 Square feet - Go to item 121f

4620 Don't know - Skip to item 121h

b. How many (floors/stories) are there in this (house/apartment)? (---) /Include basements and finished attics. (---) /Exclude unfinished attics, carports, and attached garages. Also exclude porches that are not protected from the elements. (---) /Exclude the mobile home hitch.

4810 Yes

4820 No

c. MARK OR ASK - Is the (house/apartment) a split level?

4830 Yes

4840 No

d. What is the length and width of each floor of the house/apartment? (---) /Include basements and finished attics. Exclude unfinished attics, carports, and attached garages. Also exclude porches that are not protected from the elements. (---) /Exclude the mobile home hitch. (Record dimensions of all rooms, if necessary.)

Basement	First (a)				Second (b)				Third (c)				Fourth (d)			
	Length	Width	Length	Width	Length	Width	Length	Width	Length	Width	Length	Width	Length	Width		

4850 Don't know - Skip to item 121h

e. SKETCH (If enough information is available, draw sketch of sample unit below.)

4860 OFFICE USE ONLY

f. Describe characteristics of the sample unit that would help to determine total number of square feet, such as finish, cepe cod, split level, etc.

4870 Dimensions

Do not include a garage

Include a garage for Z

One car

Two cars

Three or more cars

g. INSTRUCTION - GO TO ITEM 122, PAGE 31

h. Check item (See item 23, page 3.)

Mobile home

All others - Go to item 122, page 31

i. Because housing size is so important, I would like to measure the length and width of this house from the outside. May I do that after I finish the interview?

4880 Yes

4890 No

REGULAR OCCUPIED - Continued

4440 Line number

4445 Yes

4450 No

4460 Outside USA - Skip to item 120f

4470 City or place

4475 County

4480 State

4485 ZIP Code

4490 OFFICE USE ONLY

4495 Yes

4500 No or not incorporated place

4505 Don't know

4510 Zone code

4515 Zone alpha (if any)

4520 Off map

4525 Car, truck, van

4530 Did... drive alone or go with others?

4535 Alone - Skip to item 120g

4540 Go with others - Ask item 120h

4545 Bus or streetcar

4550 Subway or elevated

4555 Railroad

4560 Taxicab

4565 Motorcycle

4570 Bicycle

4575 Other vehicle

4580 Walked only

4585 Works at home - Skip to item 120i

4590 Number

4595 Minutes

4600 Work place varies

4605 Hours

4610 Minutes

4615 a.m.

4620 p.m.

4625 Miles

4630 Less than 1 mile

4635 Go to next worker; if none, go to item 121a, page 30

Facsimile of the American Housing Survey Questionnaire: 1985-Continued

REGULAR OCCUPIED - Continued

122. Check item (See Control Card items 13 and 18.)
 Household contains people age 14 + NOT related to reference person - Ask item 123a
 All others - Skip to item 175, page 44

Enter line number(s).
 122a. Think you very much for your cooperation. I have a few questions that I would like to ask ... and ... (Names of nonrelatives). Are they here now?
 4870 Line number 4870
 1 Yes - Skip to item 123c
 2 No - Ask item 123b

122b. As I mentioned earlier, we are concerned about housing costs. What is your estimate of your total income before deductions in the last 12 months?
 4880 Line number 4880
 1 None
 2 None
 3 None
 4 None
 5 None
 6 None
 7 None
 8 None
 9 None
 0 None
 (If unable to estimate, ask best time to reach nonrelative by telephone. Ask item 123c of nonrelatives who are here, and then skip to item 175, page 44.)

122c. (Introduce yourself, then say:)
 I have been asking ... a few questions about this building. One of the main housing problems today is the cost of heating. Will you please tell me your income before deductions in the past 12 months?
 4890 Line number 4890
 1 None
 2 None
 3 None
 4 None
 5 None
 6 None
 7 None
 8 None
 9 None
 0 None
 (If unable to estimate, ask best time to reach nonrelative by telephone. Ask item 123c of nonrelatives who are here, and then skip to item 175, page 44.)

Notes

URE INTERVIEWS

124. MARK OR ASK - Are the living quarters in a -
 (Read answer categories.)
 1120 Line number 1120
 1 Mobile home?
 2 One-unit building, detached from any other building?
 3 One-unit building, attached to one or more buildings? - Skip to item 126a
 4 Building with two or more apartments? - Skip to item 125b

125a. Are there any occupied or vacant apartments besides this one in the (building/mobile home)?
 1130 Line number 1130
 1 Yes - Fill Table X on Control Card then go to item 125b
 2 No - Skip to item 127 and mark box 1 or 4

125b. How many apartments are in the (building/mobile home)?
 1140 Line number 1140
 Number - Skip to item 127 and mark box 3 or 5

126a. Does the (house/apartment) share an attic or basement with the (house/apartment) next door?
 1160 Line number 1160
 1 Yes
 2 No
 3 Don't know } SKIP to item 126c

126b. How many (houses/apartments) including this one share the attic or basement?
 1160 Line number 1160
 Number - If one, reask item 126a and correct entry.
 If more than one, skip to item 127 and mark box 3.

126c. Does the (house/apartment) share a furnace or boiler with the (house/apartment) next door?
 1170 Line number 1170
 1 Yes
 2 No
 3 Don't know } SKIP to item 126e

126d. How many (houses/apartments) including this one share the furnace or boiler?
 1180 Line number 1180
 Number - If one, reask item 126c and correct entry.
 If more than one, skip to item 127 and mark box 3.

126e. Are there any occupied or vacant apartments besides this one in the building?
 1190 Line number 1190
 1 Yes - Fill Table X on Control Card then go to item 126f
 2 No - Skip to item 127 and mark box 2

126f. How many apartments including this one are in the building?
 1200 Line number 1200
 Number - If one, reask item 126e and correct entry.
 If more than one, go to item 127 and mark box 3.

127. Find structure type classification based on entries in items 124-126
 1210 Line number 1210
 1 One-unit building - detached
 2 One-unit building - attached
 3 Two-or-more-unit building ... } Skip to item 129a
 4 One-unit mobile home ... }
 5 Two-or-more-unit mobile home

128. Is the house built -
 (Read answer categories until a "Yes" reply is received.)
 1220 Line number 1220
 1 With a basement under all the building?
 2 With a basement under part of the building?
 3 With a crawlspace?
 4 On a concrete slab?
 5 In some other way? - Specify 7

129a. Is the (house/apartment) part of a condominium or cooperative?
 1230 Line number 1230
 1 No
 2 Yes, cooperative
 3 Yes, condominium

129b. To the Census Bureau, a cooperative is property which is owned by a corporation. Each shareholder is entitled to occupy an individual unit. Is this what you mean when you say this is a cooperative?
 1230 Line number 1230
 1 Yes
 2 No
 3 Don't know } SKIP to item 129c and correct entry

Notes

Facsimile of the American Housing Survey Questionnaire: 1985-Continued

URE INTERVIEWS - Continued

130a. How many of each of the following rooms does the (house/apartment) have? (For a one room efficiency or studio apartment, enter "1" for living room, enter the correct number of bedrooms, and mark "none" for all other rooms.)

(1) Bedrooms? None _____ Number

(2) Full bathrooms? (Hot and cold piped water AND sink AND flush toilet AND bathtub or shower) None _____ Number

(3) Half bathrooms? (Toler OR bathtub OR shower) None _____ Number

(4) Kitchens? None _____ Number

(5) Living rooms? None _____ Number

(6) Dining rooms? None _____ Number → Is it a separate room? Yes No — Correct entry for number of dining rooms

b. Are there any other rooms? (Exclude halls, foyers, pantries, garages, porches or areas that aren't separated by a built-in, floor-to-ceiling wall extending at least a few inches into room.)

None _____ Number of family rooms, dens, recreation rooms and/or libraries

None _____ Number of rooms that are business space with direct access to outside

None _____ Number of other rooms, finished or unfinished

c. What are they?

131. Does the (house/apartment) have a kitchen sink? Yes No

132. Check item (See item 130a.)

One or more full bathrooms — Skip to item 134a, page 34

No full bathrooms — Ask item 133a

133a. Does the (house/apartment) have a bathtub or shower for the occupants use only? Yes No

b. Does the (house/apartment) have a flush toilet for the occupants use only? Yes No

Notes

URE INTERVIEWS - Continued

134a. Is all the wiring in the finished areas of the (house/apartment) concealed either in walls or metal coverings? Yes, concealed No

(Exclude appliance cords, extension cords, chandelier cords, telephone or antenna wires.)

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

135a. Does the (house/apartment) have hot and cold piped water? Yes No — Skip to item 136a

(Not used on a regular basis by someone outside the unit.)

b. What fuel is used MOST to heat the water? Electricity Gas Fuel oil Kerosene or other liquid fuel Coal or coke Wood Solar energy Other — Specify _____

136a. Does water for the (house/apartment) come from a public or private system, an individual well, or some other source? Public or private water system — Skip to item 137a

Individual well — Ask item 136b

Spring Cistern Stream or lake Bottled water Other — Specify _____

(Mark first category that is used for drinking and cooking.)

b. How many (houses/apartments) does the wall serve? Only this house/apartment 2 to 5 6 or more

c. Is the wall drilled or dug? Drilled Dug

137a. Is the (house/apartment) connected to a public sewer? Yes — Skip to item 138a, page 35 No

b. What means of sewage disposal does the (house/apartment) have? Septic tank or cesspool — Ask item 137c

Chemical toilet Outhouse or privy Other — Specify _____

None

c. How many (houses/apartments) are connected to the (septic tank/cesspool)? One 2 to 5 6 or more

Notes

Facsimile of the American Housing Survey Questionnaire: 1985-Continued

URE INTERVIEWS - Continued	
<p>138a. Does the (house/apartment) have a refrigerator? (Exclude ice boxes.) (Exclude refrigerator used on a regular basis by someone living outside the unit.)</p> <p>b. Is it more than 5 years old? (Age of newest if two or more)</p>	<p>1380 <input type="checkbox"/> Yes <input type="checkbox"/> No - Skip to item 139a</p> <p>1381 <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>1382 <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>1383 <input type="checkbox"/> Yes - Skip to item 140c <input type="checkbox"/> No</p>
<p>139a. Does the (house/apartment) have a garbage disposal in the sink?</p> <p>b. Is it more than 5 years old?</p>	<p>1390 <input type="checkbox"/> Yes <input type="checkbox"/> No - Skip to item 140a</p> <p>1391 <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>1392 <input type="checkbox"/> Yes - Skip to item 140c <input type="checkbox"/> No</p>
<p>140a. Does the (house/apartment) have a cookstove or range with an oven? (Include microwaves. Exclude toaster-ovens and portable burners.) (Exclude stove or oven used on a regular basis by someone living outside the unit.)</p> <p>b. Does the (house/apartment) have --</p> <p>(1) an oven? (Include microwaves. Exclude toaster-ovens.)</p> <p>(2) cooking burners? (Exclude portable burners.)</p> <p>c. (Is it/Are they) more than 5 years old? (Age of newest if two or more)</p> <p>d. What fuel is used MOST for cooking?</p>	<p>1400 <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>1401 <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>1402 <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>1403 <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>1404 <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>1405 <input type="checkbox"/> Electricity <input type="checkbox"/> Gas <input type="checkbox"/> Kerosene or other liquid fuel <input type="checkbox"/> Coal or coke <input type="checkbox"/> Wood <input type="checkbox"/> Other - Specify <u> </u></p> <p>1406 <input type="checkbox"/> No fuel used</p>
<p>141a. Does the (house/apartment) have a dishwasher?</p> <p>b. Is it more than 5 years old?</p>	<p>1410 <input type="checkbox"/> Yes <input type="checkbox"/> No - Skip to item 142a</p> <p>1411 <input type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>142a. Does the (house/apartment) have a washing machine (--- in the apartment)?</p> <p>b. Is it more than 5 years old?</p>	<p>1420 <input type="checkbox"/> Yes <input type="checkbox"/> No - Skip to item 143a</p> <p>1421 <input type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>143a. Does the (house/apartment) have a clothes dryer (--- in the apartment)?</p> <p>b. Is it more than 5 years old?</p> <p>c. What kind of fuel does the dryer use?</p>	<p>1430 <input type="checkbox"/> Yes <input type="checkbox"/> No - Skip to item 144a</p> <p>1431 <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>1432 <input type="checkbox"/> Electricity <input type="checkbox"/> Gas <input type="checkbox"/> Other - Specify <u> </u></p>
<p>144a. Does the (house/apartment) have central air conditioning?</p> <p>b. What kind of fuel does it use?</p> <p>c. Does the (house/apartment) have room air conditioners?</p> <p>d. How many?</p>	<p>1440 <input type="checkbox"/> Yes <input type="checkbox"/> No - Skip to item 144c</p> <p>1441 <input type="checkbox"/> Electricity <input type="checkbox"/> Gas <input type="checkbox"/> Other - Specify <u> </u></p> <p>1442 <input type="checkbox"/> Yes <input type="checkbox"/> No - Skip to item 145a, page 36</p> <p>1443 <input type="checkbox"/> Yes <input type="checkbox"/> No - Skip to item 145a, page 36</p> <p>1444 <input type="checkbox"/> Yes <input type="checkbox"/> No - Skip to item 145a, page 36</p> <p>1445 <input type="checkbox"/> Yes <input type="checkbox"/> No - Skip to item 145a, page 36</p>

URE INTERVIEWS - Continued	
<p>145a. What fuel is used MOST for heating the (house/apartment)?</p> <p>b. Besides (fuel marked in item 145a), what other fuel is used for heating the (house/apartment)? (Mark all that apply.)</p>	<p>1450 <input type="checkbox"/> Electricity <input type="checkbox"/> Gas <input type="checkbox"/> Fuel oil <input type="checkbox"/> Kerosene or other liquid fuel <input type="checkbox"/> Coal or coke <input type="checkbox"/> Wood <input type="checkbox"/> Solar energy <input type="checkbox"/> Other - Specify <u> </u> <input type="checkbox"/> None - Skip to item 146</p> <p>1451 <input type="checkbox"/> Electricity <input type="checkbox"/> Gas <input type="checkbox"/> Fuel oil <input type="checkbox"/> Kerosene or other liquid fuel <input type="checkbox"/> Coal or coke <input type="checkbox"/> Wood <input type="checkbox"/> Solar energy <input type="checkbox"/> Other - Specify <u> </u> <input type="checkbox"/> None</p>
<p>146. Does the (house/apartment) have a usable fireplace?</p>	<p>1460 <input type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>147. PLEASE LOOK AT THIS CARD. What type of heating equipment is used MOST to heat the (house/apartment)?</p>	<p>1470 <input type="checkbox"/> A central warm-air furnace (with air vents or ducts to the individual rooms) <input type="checkbox"/> Steam or hot-water system (radiators or other system using steam or hot water) <input type="checkbox"/> Electric heat pump <input type="checkbox"/> Other built-in electric units (permanently installed in wall, ceiling, or baseboards) <input type="checkbox"/> Floor, wall, or other built-in, hot-air heater without ducts <input type="checkbox"/> Room heaters - (Is it/Are they) - <input type="checkbox"/> Kerosene, gas, or oil heaters <input type="checkbox"/> VENTED to the outside through a chimney, flue, or pipe? <input type="checkbox"/> Portable electric heaters? <input type="checkbox"/> Stoves? <input type="checkbox"/> Fireplace(s) WITH inserts (installed equipment designed to circulate more heat into the room) <input type="checkbox"/> Fireplace(s) with NO inserts <input type="checkbox"/> Other - Specify <u> </u> <input type="checkbox"/> None - Skip to item 149a, page 37</p>
<p>148a. What other kinds of heating equipment does the (house/apartment) have or use?</p> <p>b. Anything else? (Mark all that apply.)</p>	<p>1480 <input type="checkbox"/> A central warm-air furnace (with air vents or ducts to the individual rooms) <input type="checkbox"/> Steam or hot-water system (radiators or other system using steam or hot water) <input type="checkbox"/> Electric heat pump <input type="checkbox"/> Other built-in electric units (permanently installed in wall, ceiling, or baseboards) <input type="checkbox"/> Floor, wall, or other built-in, hot-air heater without ducts <input type="checkbox"/> Room heaters - (Is it/Are they) - <input type="checkbox"/> Kerosene, gas, or oil heaters, <input type="checkbox"/> VENTED to the outside through a chimney, flue, or pipe? <input type="checkbox"/> UNVENTED gas, oil, or kerosene heaters? <input type="checkbox"/> Stoves? <input type="checkbox"/> Fireplace(s) WITH inserts (installed equipment designed to circulate more heat into the room) <input type="checkbox"/> Fireplace(s) with NO inserts <input type="checkbox"/> Other - Specify <u> </u> <input type="checkbox"/> None</p>

URE INTERVIEWS - Continued

149a. Does the (house/apartment) have a porch, deck, balcony, or patio?
(Measuring at least four feet by four feet)
(Exclude if already counted as a room.)
1 Yes
2 No

149b. Does the (house/apartment) have open cracks or holes in the inside walls or ceilings?
(Cracks thicker than a dime)
1 Yes
2 No

149c. Does the (house/apartment) have holes in the floors?
(Big enough for someone to trip in)
1 Yes
2 No

149d. Does the (house/apartment) have any area of peeling paint or broken plaster bigger than 8 inches by 11 inches?
(The size of a weekly news magazine or standard letter)
1 Yes
2 No

150a. Is the (house/apartment) INTENDED for year-round use, for occupancy only on a seasonal basis, or for use by migrant workers?
7 Year-round (occupied temporarily at time of interview) - Skip to item 150c
8 Seasonal - Summers only
9 Seasonal - Winters only
10 Other seasonal - Specify _____
11 Migratory

150b. Does the construction and heating of the (house/apartment) make it suitable for year-round use?
1 Yes
2 No

150c. How many months has it been since the (house/apartment) was occupied as a permanent home?
1 Less than 1 month
2 Over 2 years
3 NEVER OCCUPIED AS A PERMANENT HOME
4 Don't know

Notes

URE INTERVIEWS - Continued

151. Check item (See Control Card item 8b.)
 Owned - Skip to item 154
 Rented - Ask item 152a
 No cash rent - Skip to item 152c

152a. How often is the rent on the (house/apartment) due?
2500 Monthly Times per year

152b. How much is the rent?
(If parking billed separately, exclude it here and mark NO to items 152b and 152b without asking.)
2510 \$ Times per year

152c. Check item (See item 127, page 32.)
 One-unit mobile home or two-or-more-unit mobile home - Ask item 152d
 Not a mobile home - Skip to item 153a

152d. Do you pay separate rent for the land?
2511 Yes
2 No - Skip to item 152g

152e. How many times a year is the (land/site) rent due?
2512 Monthly Times per year

152f. What is the cost each... (Billing period)?
2513 \$ No cash rent
included in mobile home park fee
2514 Yes
2 No - Skip to item 152j

152g. (In addition to the rent, do you pay any (additional) mobile home park fee?
2515 \$ Yes
2 No - Skip to item 152j

152h. How many times a year is the fee due?
2516 Monthly Times per year

152i. What is the cost each... (Billing period)?
2517 \$ Included in mobile home rent
2518 Yes
2 No - Skip to item 153a

152j. Are there any (---/other) required fees for utility charges, mobile home association fees, and so forth?
2519 Yes
2 No - Skip to item 153a

152k. How many times a year are the fees due?
2518 Monthly Times per year

152l. What is the average cost each... (Billing period) for those fees?
2519 \$ Yes - Skip to item 154
2 No

153a. Is a garage or carport included (in the rent/with the home)?
2520 Yes
2 No

153b. Is an offstreet parking space included?
2530 Yes
2 No

154. Check item (See item 127, page 32.)
 One-unit mobile home or two-or-more-unit mobile home - Skip to item 156, page 39
 Not a mobile home - Ask item 155

155. About when was the building originally built?
2510 1980 or later
Month Year
2511 1979
2 76-78
3 70-74
4 80-89
5 50-59
6 40-49
7 30-39
8 20-29
9 1919 or earlier

Skip to item 156, page 39
Skip to item 158, page 39

Facsimile of the American Housing Survey Questionnaire: 1985-Continued

URE INTERVIEWS - Continued

156. Excluding the dealer's lot, is this the first site on which this mobile home was placed?
 1 Yes, first site
 2 No, moved from another site
 3 Don't know

157. What is the model year of the mobile home?
 2810 1980 or later → Year
 2811 1979
 2812 75-78
 2813 70-74
 2814 60-69
 2815 50-59
 2816 40-49
 2817 1939 or earlier

158. Check item (See item 127, page 32.)
 Two-or-more-unit building or two-or-more-unit mobile home - Skip to item 160
 All others - Ask item 159a

159a. How large is the (lot/site)?
 (Include all connecting land that is owned or rented with the home.)
 If over one acre, drop any fractions, don't round up.
 If under one acre, convert to approximate square feet.
 One-eighth acre = 5500 sq. ft.
 Quarter acre = 11000 sq. ft.
 One-third acre = 14000 sq. ft.
 Half acre = 22000 sq. ft.
 Three-quarters acre = 33000 sq. ft.
 One acre = 44000 sq. ft.
 MARK OR ASK -
 b. Is it more than 10 acres?
 3020 Yes
 3021 No

160. Check item (See Control Card item 8b.)
 Owned - Ask item 161a
 Rented - Skip to item 171a, page 42
 Occupied without payment of cash rent - Skip to item 171a, page 42

161a. Is there a commercial establishment on the property?
 3030 Yes
 3031 No

b. Is there a medical or dental office on the property?
 3040 Yes
 3041 No

162a. Is the ownership of the (house/apartment) time-shared?
 3070 Yes - Skip to item 163a
 3071 No

b. How much do you think the (house/apartment) would sell for on today's market? (Include all connecting land; if multiunit building, estimate share of value applicable to sample unit.)
 3100 \$ 00

163a. Is a garage or carport included with the (house/apartment)?
 3120 Yes - Skip to item 164a
 3121 No

b. Is an offstreet parking space included?
 3130 Yes
 3131 No

164. Check item
 a. (See item 127, page 32.)
 One-unit mobile home or two-or-more-unit mobile home - Skip to item 166a, page 40
 Not a mobile home - Go to item 164b
 b. (See item 129a, page 32.)
 Condominium or cooperative - Ask item 165a, page 40
 All others - Skip to item 167, page 41

URE INTERVIEWS - Continued

165a. What were the real estate taxes last year for the (condominium/cooperative) unit? (Include school taxes, special assessments, and any other real estate taxes.)
 (Exclude taxes paid due from other years.)
 3520 \$ 00

b. (Did the owner/Did you) receive a real estate property tax rebate last year?
 3524 Yes
 3525 No - Skip to item 165d

c. What was the amount of the property tax rebate?
 3526 \$ 00

d. (Is the owner/Are you) required to pay a (condominium/cooperative) association fee?
 3570 Yes
 3571 No - Skip to item 171a, page 42

e. How many times a year is the fee due?
 3580 _____ Times per year
 12 Monthly

f. What is the average cost each ... (Billing period)?
 3590 \$ 00 Skip to item 171a, page 42

166a. On the mobile home ... (and if it's lot) last year, what was the total cost of -
 property and real estate taxes, registration fees, and license fees?
 (Include school taxes, special assessments, and any other real estate taxes.)
 (Exclude taxes paid due from other years.)
 3624 Yes
 3625 No - Skip to item 166d

b. (Did the owner/Did you) receive a real estate property tax rebate last year?
 3626 \$ 00

c. What was the amount of the property tax rebate?
 3627 \$ 00

d. Do you own the land?
 3607 Yes - Skip to item 166h
 3608 No

e. Do you pay separate rent for the land?
 2611 Yes
 2612 No - Skip to item 166h

f. How many times a year is the (land/site) rent due?
 2612 _____ Times per year
 12 Monthly

g. What is the cost each billing period?
 2613 \$ 00
 2614 No cash rent
 2615 Included in mobile home park fee

h. (Is the owner/Are you) required to pay any (additional) mobile home park fee?
 3560 Yes
 3561 No - Skip to item 166k

i. How many times a year is the fee due?
 3562 _____ Times per year
 12 Monthly

j. What is the average cost each ... (Billing period)?
 3600 \$ 00

k. Are there (any/any other) required fees for utility hookups, mobile home association fees, and so forth?
 2617 Yes
 2618 No - Skip to item 171a, page 42

l. How many times a year are the fees due?
 2618 _____ Times per year
 12 Monthly

m. What is the average cost each ... (Billing period) for those fees?
 2619 \$ 00 Skip to item 171a, page 42

Facsimile of the American Housing Survey Questionnaire: 1985-Continued

URE INTERVIEWS - Continued

167a. What were the real estate taxes last year for the (house/apartment) and its land? (Include school taxes, special assessments, and any other real estate taxes.) (Exclude taxes past due from other years.)

3570 \$

b. (Did the owner/Did you) receive a real estate property tax rebate last year?

3524 Yes No - Skip to item 169a

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

3528 \$

168. WASHINGTON USE ONLY

169a. (Is the owner/Are you) required to pay a homeowner's association fee?

3670 Yes No - Skip to item 170a

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

3680 Monthly Times per year

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

3690 \$ Skip to item 171a, page 42

170a. In some parts of the country, people own their homes but rent the land. (Does the owner of the unit/Do you) pay rent for the land?

3810 Yes No - Skip to item 171b, page 42

b. How many times a year is the land rent due?

3830 Monthly Times per year

c. What does it cost each time?

3840 \$

Notes

URE INTERVIEWS - Continued

Now I have some questions about utility costs. You may check your records if you wish. When two or more utilities are billed together, try to determine the cost of each.

171a. In the past 12 months what was the average MONTHLY cost for electricity?

3870 \$ per month - If "All electric home," mark "Not used" in items 177b and d without asking

3880 Not used in rent, site rent, condominium or other fee, etc.

3890 Obtained free

b. In the past 12 months what was the average MONTHLY cost for gas?

3700 \$ per month, OR

3710 Not used - Skip to item 171d

3720 Included in rent, site rent, condominium or other fee

3730 Obtained free

c. Is the gas from underground pipes or bottled gas?

3720 Underground pipes serving neighborhood

3730 Bottled gas

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

3730 \$ per year, OR

3740 Not used

3750 Included in rent, site rent, condominium or other fee

3760 Obtained free

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

3760 \$ per year, OR

3770 Not used

3780 Included in rent, site rent, condominium or other fee

3790 Obtained free

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

3790 \$ per year, OR

3800 Not used

3810 Included in rent, site rent, condominium or other fee

3820 Obtained free

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

3820 \$ per year, OR

3830 Included in rent, site rent, condominium or other fee

3840 Obtained free

172. Check Item

a. (See Control Card item 8b.)

Owned - Skip to item 174a, page 43

Rented or occupied without payment of cash rent - Go to item 172b

b. (See item 127, page 32.)

Two-or-more unit building or two-or-more unit mobile home - Ask item 173a

All others - Skip to item 173b

173a. Does either the owner or a resident manager live in the (building/complex)? (Exclude staff who do only maintenance.)

3400 Yes No

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

Name (Please print) _____

Address (Number, street) _____

City _____ State _____ ZIP Code _____

Title _____

Owner Home

Other Office

Area code, number, extension _____

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

Home Business

Facsimile of the American Housing Survey Questionnaire: 1985-Continued

URE INTERVIEWS - Continued

17Aa. Housing size is important for analysis of other information from this survey. How many square feet are there in the (house/apartment)? (---/Include basements and finished attics. Exclude unfinished attics, porches, and attached garages. Also exclude porches that are not protected from the elements.) [---/Exclude the mobile home hitch.]

b. How many (inside/floors) are there in this (house/apartment)? (---/Include basements and finished attics.) (In apartments, floors refers only to the apartment itself.)

c. MARK OR ASK -- Is the (house/apartment) a split level? Yes No

d. What is the length and width of each floor of the (house/apartment)? (---/Include basements and finished attics. Exclude unfinished attics, porches, and attached garages. Also exclude porches that are not protected from the elements.) [---/Exclude the mobile home hitch.] (Record dimensions of all rooms, if necessary.)

Rectangles of squares	First (a)		Second (b)		Third (c)		Fourth (d)	
	Length	Width	Length	Width	Length	Width	Length	Width
Basement								
1st floor of unit								
2nd floor of unit								
3rd floor of unit								
4th floor of unit								

e. SKETCH (If enough information is available, draw sketch of sample unit below.) **4640** Square feet.

f. Describe characteristics of the sample unit that would help to determine total number of square feet, such as porch, cape cod, split level, etc.

g. SKIP TO ITEM 175, PAGE 44

h. Check Item (See item 171, page 32.)

i. Because housing size is important, I would like to know the length and width of this house from the outside. May I do that after I finish the interview?

4650 Yes No

MOBILITY SUPPLEMENT

175. Check item (See item 6, page 1 and Control Card item 18.) (Mark first box that applies.) **5510** Line number

URE interview - Skip to item 184a, page 46

No household members 18+ - Skip to item 184a, page 46

Any household members 18+ - Ask item 176 (Enter line numbers.)

NOTE: Households and wives may respond for each other. All other household members 18+ must be asked these questions individually.

176. In what State (was ... /where you) born? (Enter 2-character State code from flashcard.) **5520** State code OR Outside the United States

177a. At age 16, did ... live in this area or a different place? **5530** This area - Skip to item 177c Different place

b. In what State was that place located? (Enter 2-character State code from flashcard.) **5540** State code OR Outside the United States

c. Which of these categories best describes (this/that) place AT THAT TIME? (Read answer categories.) **5550**

A large city

A suburb near a large city

A medium-sized city or its suburbs

A small city

A town or village

Open country, but not a farm

A farm

Other - Specify _____

178. Five years from now, would ... PREFER to be living in this (house/apartment) or someplace else? **5560**

Same house/apartment

Someplace else - Skip to item 180

179. Five years from now, how LIKELY (is ... /are you) still to be living in this unit - very likely, likely, not very likely, or no chance at all? **5570**

Very likely

Likely

Not very likely

No chance at all

Don't know

180. Five years from now, would ... prefer to be living in another home in this area, or outside this area? **5580**

Another home in this area - Skip to item 183

Outside the area

181. Which of these categories best describes the area in which ... would prefer to live 5 years from now? (Read answer categories.) **5590**

A large city

A suburb near a large city

A medium-sized city or its suburbs

A small city

A town or village

Open country, but not a farm

A farm

Other - Specify _____

182. In what State would ... prefer to be living 5 years from now? (Enter 2-character State code from flashcard.) **5600** State code OR Outside the United States

183. Within the next 5 years, how LIKELY (is ... /are you) to move to the place just indicated - very likely, likely, not very likely, or no chance at all? **5610**

Very likely

Likely

Not very likely

No chance at all

Don't know

Notes

Facsimile of the American Housing Survey Questionnaire: 1985-Continued

MOBILITY SUPPLEMENT - Continued	
<p>5810 <input type="checkbox"/> Line number</p> <p><input type="checkbox"/> Callback required, household member 18+ not present - Mark item 16, page 1</p>	<p>5810 <input type="checkbox"/> Line number</p> <p><input type="checkbox"/> Callback required, household member 18+ not present - Mark item 16, page 1</p>
<p>5820 <input type="checkbox"/> State code</p> <p>OR</p> <p>∞ <input type="checkbox"/> Outside the United States</p>	<p>5820 <input type="checkbox"/> State code</p> <p>OR</p> <p>∞ <input type="checkbox"/> Outside the United States</p>
<p>5830 <input type="checkbox"/> This area - Skip to item 177c</p> <p><input type="checkbox"/> Different place</p>	<p>5830 <input type="checkbox"/> This area - Skip to item 177c</p> <p><input type="checkbox"/> Different place</p>
<p>5840 <input type="checkbox"/> State code</p> <p>OR</p> <p>∞ <input type="checkbox"/> Outside the United States</p>	<p>5840 <input type="checkbox"/> State code</p> <p>OR</p> <p>∞ <input type="checkbox"/> Outside the United States</p>
<p>5850 <input type="checkbox"/> A large city</p> <p><input type="checkbox"/> A suburb near a large city</p> <p><input type="checkbox"/> A medium-sized city or its suburbs</p> <p><input type="checkbox"/> A small city</p> <p><input type="checkbox"/> A town or village</p> <p><input type="checkbox"/> Open country, but not a farm</p> <p><input type="checkbox"/> A farm</p> <p><input type="checkbox"/> Other - Specify _____</p>	<p>5850 <input type="checkbox"/> A large city</p> <p><input type="checkbox"/> A suburb near a large city</p> <p><input type="checkbox"/> A medium-sized city or its suburbs</p> <p><input type="checkbox"/> A small city</p> <p><input type="checkbox"/> A town or village</p> <p><input type="checkbox"/> Open country, but not a farm</p> <p><input type="checkbox"/> A farm</p> <p><input type="checkbox"/> Other - Specify _____</p>
<p>5860 <input type="checkbox"/> Same house/apartment</p> <p><input type="checkbox"/> Someplace else - Skip to item 180</p>	<p>5860 <input type="checkbox"/> Same house/apartment</p> <p><input type="checkbox"/> Someplace else - Skip to item 180</p>
<p>5870 <input type="checkbox"/> Very likely</p> <p><input type="checkbox"/> Likely</p> <p><input type="checkbox"/> Not very likely</p> <p><input type="checkbox"/> No chance at all</p> <p><input type="checkbox"/> Don't know</p>	<p>5870 <input type="checkbox"/> Very likely</p> <p><input type="checkbox"/> Likely</p> <p><input type="checkbox"/> Not very likely</p> <p><input type="checkbox"/> No chance at all</p> <p><input type="checkbox"/> Don't know</p>
<p>5880 <input type="checkbox"/> Another home in this area - Skip to item 183</p> <p><input type="checkbox"/> Outside the area</p>	<p>5880 <input type="checkbox"/> Another home in this area - Skip to item 183</p> <p><input type="checkbox"/> Outside the area</p>
<p>5890 <input type="checkbox"/> A large city</p> <p><input type="checkbox"/> A suburb near a large city</p> <p><input type="checkbox"/> A medium-sized city or its suburbs</p> <p><input type="checkbox"/> A small city</p> <p><input type="checkbox"/> A town or village</p> <p><input type="checkbox"/> Open country, but not a farm</p> <p><input type="checkbox"/> A farm</p> <p><input type="checkbox"/> Other - Specify _____</p>	<p>5890 <input type="checkbox"/> A large city</p> <p><input type="checkbox"/> A suburb near a large city</p> <p><input type="checkbox"/> A medium-sized city or its suburbs</p> <p><input type="checkbox"/> A small city</p> <p><input type="checkbox"/> A town or village</p> <p><input type="checkbox"/> Open country, but not a farm</p> <p><input type="checkbox"/> A farm</p> <p><input type="checkbox"/> Other - Specify _____</p>
<p>5900 <input type="checkbox"/> State code</p> <p>OR</p> <p>∞ <input type="checkbox"/> Outside the United States</p>	<p>5900 <input type="checkbox"/> State code</p> <p>OR</p> <p>∞ <input type="checkbox"/> Outside the United States</p>
<p>5910 <input type="checkbox"/> Very likely</p> <p><input type="checkbox"/> Likely</p> <p><input type="checkbox"/> Not very likely</p> <p><input type="checkbox"/> No chance at all</p> <p><input type="checkbox"/> Don't know</p>	<p>5910 <input type="checkbox"/> Very likely</p> <p><input type="checkbox"/> Likely</p> <p><input type="checkbox"/> Not very likely</p> <p><input type="checkbox"/> No chance at all</p> <p><input type="checkbox"/> Don't know</p>

Notes

NEIGHBORHOOD QUALITY SUPPLEMENT	
<p>NOTE - Ask all categories in item 184a before proceeding to item 184b.</p> <p>184a. The following questions are concerned with specific aspects of your PRESENT neighborhood. Here is a list of conditions.</p> <p>Which, if any, does it have?</p>	<p>NOTE - Ask item 184b only for those categories in item 184a which were answered "Yes."</p> <p>184b. Does the (Condition) bother you?</p>
<p>(1) Street noise or heavy street traffic?</p>	<p>5840 <input type="checkbox"/> Yes</p> <p><input type="checkbox"/> No</p>
<p>(2) Streets or roads continually in need of repair, or open ditches?</p>	<p>5850 <input type="checkbox"/> Yes</p> <p><input type="checkbox"/> No</p>
<p>(3) Neighborhood crime?</p>	<p>5860 <input type="checkbox"/> Yes</p> <p><input type="checkbox"/> No</p>
<p>(4) Trash, litter, or junk in the (streets/roads), or on empty lots, or on properties in the neighborhood?</p>	<p>5870 <input type="checkbox"/> Yes</p> <p><input type="checkbox"/> No</p>
<p>(5) Houses or buildings in rundown condition?</p>	<p>5880 <input type="checkbox"/> Yes</p> <p><input type="checkbox"/> No</p>
<p>(6) Industries, businesses, stores, or other non-residential activities?</p>	<p>5890 <input type="checkbox"/> Yes</p> <p><input type="checkbox"/> No</p>
<p>(7) Odors, smoke, or gas?</p>	<p>5900 <input type="checkbox"/> Yes</p> <p><input type="checkbox"/> No</p>
<p>NOTE - If "Yes" was answered for one or more categories in item 184a, ask item 184b.</p>	<p>NOTE - Ask item 185b only for those categories in item 185a which were answered "No."</p>
<p>NOTE - Ask ALL categories in item 185a before proceeding to item 185b.</p> <p>185a. The following questions are concerned with neighborhood services.</p> <p>Do you have -</p>	<p>185b. Is the (Service) so unsatisfactory that you would like to move from the neighborhood?</p>
<p>(1) Satisfactory police protection?</p>	<p>5910 <input type="checkbox"/> Yes</p> <p><input type="checkbox"/> No</p> <p><input type="checkbox"/> Don't know</p>
<p>(2) Satisfactory hospitals or health clinics?</p>	<p>5920 <input type="checkbox"/> Yes</p> <p><input type="checkbox"/> No</p> <p><input type="checkbox"/> Don't know</p>
<p>NOTE - If "No" was answered for one or more categories in item 185a, ask item 185b.</p>	<p>NOTE - Ask item 185b only for those categories in item 185a which were answered "No."</p>

Facsimile of the American Housing Survey Questionnaire: 1985-Continued

NEIGHBORHOOD QUALITY SUPPLEMENT - Continued

186a. Is there public transportation for this area?
 1 Yes
 2 No - Skip to item 187a

b. Is it satisfactory?
 1 Yes
 2 No
 3 Do not use

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

187a. Do you have satisfactory neighborhood shopping, that is, grocery stores or drug stores?
 1 Yes
 2 No
 3 Don't know } Skip to item 188

b. Are any of these stores within one mile of here?
 1 Yes
 2 No

188. Check item (See Control Card items 11, 14, and 18.)
 No household child(ren) 18 years of age or less - Go to Control Card item 9a
 Household child(ren) 4 to 18 years of age - Ask item 189a
 All household children 3 years old or younger - Skip to item 189b

189a. (Does your child/Do your children) attend a public school or a private school?
 (Mark all that apply.)
 1 Public school (K-12)
 2 Private school (K-12)
 3 Other school (ungraded schools, special schools, preschools, early learning centers, etc.)
 4 Does not attend school

b. Is the public elementary school that children living at this address (attend/would attend) satisfactory?
 (If more than one public elementary school, ask about the closest one to the sample unit.)
 1 Yes - Skip to item 189d
 2 No
 3 Don't know - Skip to item 189d

c. Is it so unsatisfactory that you would like to move from the neighborhood?
 1 Yes
 2 No

d. Is that public elementary school within one mile of here?
 1 Yes } Go to Control Card item 9a
 2 No

Notes

INTERVIEWER OBSERVATION

190a. How many stories are in the building, including the basement? (If split level, count greatest number of stories on top of each other.)
 4785 _____ Stories in building (If 1 - 20)
 OR
 21 or more

b. What is the condition of the light fixtures in the public halls?
 4786 1 No public halls
 2 All in working order
 3 Some in working order
 4 None in working order
 5 No light fixtures
 6 Fixtures turned off, unable to determine if working, not obviously broken

c. How many stories are there from main entrance of building to main entrance of sample unit?
 4800 _____ Stories up or down to home

d. Is there a passenger elevator on this floor?
 4810 0 Same floor
 1 No elevator
 2 At least one working elevator
 3 All elevators not working

e. Are there loose, broken, or missing steps on any common stairways inside this building or attached to this building?
 4820 1 No common stairways - Skip to item 190g
 2 Yes
 3 No

f. Are all railings on the common stairways firmly attached?
 4830 1 No stair railings
 2 Yes
 3 No

g. What is the external condition of the building that contains the sample unit, as visible from front of building or roadway?
 (Mark all that apply.)
 4840 1 Sagging roof
 2 Missing roofing material
 3 Hole in roof
 4 Could not see roof
 5 Missing bricks, siding, or other outside wall material
 6 Sloping outside walls
 7 Boarded up window(s)
 8 Broken window(s)
 9 Bars on window(s)
 10 Foundation crumbling or has open crack or hole
 11 Could not see foundation
 12 Observed no listed conditions for roofs, walls, windows, or foundations
 13 Could not observe any external conditions

h. How many mobile homes are in the group? (Including sample mobile home)
 4860 _____ Exact number (If 1 - 20)
 OR
 21 or more
 Sample unit not a mobile home

Notes

Facsimile of the American Housing Survey Questionnaire: 1985-Continued

Notes

INTERVIEWER OBSERVATION - Continued

The items on this page concern the area within 300 feet of the building in which sample unit is located.

191a. Which of these are within 300 feet of building containing the sample unit?
 (Exclude this building.)
 (Mark all that apply.)

4930 Single-family, detached house(s)
 Single-family, attached house(s) or low-rise (1-3 story) multiunit building(s)
 Mid-rise (4-8 story) multiunit building(s)
 High-rise (7+ story) multiunit building(s)
 Mobile home(s) (exclude campers)
 Commercial, institutional, industrial building(s)
 Residential parking lot(s)
 Body of water
 Open space, park, woods, farm, or ranch
 Other - Specify **7**

4910 **11** Could not observe

b. What is the predominant age of residential buildings within 300 feet?
 (Exclude this building.)

4920 Older than sample unit
 About the same
 Newer than sample unit
 Very mixed
 No other residential buildings

c. Are any buildings vandalized, or interior exposed to the elements?
 (Exclude this building.)

4930 Yes, only one vandalized or exposed
 Yes, more than one
 None vandalized or exposed
 No other buildings within 300 feet - Skip to item 191e

d. Are there bars on windows of buildings in area?
 (Exclude this building.)

4940 Yes, only one building with bars
 Yes, more than one
 No bars on windows

e. What is the condition of streets?
 (Exclude this building.)

4950 Major repairs needed
 Minor repairs needed
 No repairs needed
 No streets within 300 feet

f. Is there trash, litter, or junk in streets, roads, empty lots, or on any properties?
 (Include this building.)

4960 Major accumulation
 Minor accumulation
 None

INTERVIEW COMPLETED

Facsimile of the American Housing Survey Questionnaire: 1985-Continued

Notes

192. Check item - Regular Occupied (See item 121); page 30); URE Occupied (See item 174); page 43)
 "Yes" marked - Go to item 193 - If callback required, mark item 10, page 1
 "No" marked or blank - Fill observation items on pages 48 and 49

UNIT MEASUREMENT

193. Obtain the measurements (length and width) of each story of the unit. Draw sketch (showing dimensions) in area below. Include basements and finished attics. Exclude unfinished attics, carports, attached garages, and porches that are not protected from the elements.

a. SKETCH

OFFICE USE ONLY

487D

Square feet

Grid area for sketching unit measurements.

b. ENTER DIMENSIONS HERE.

	Rectangles or squares							
	First (a)		Second (b)		Third (c)		Fourth (d)	
	Length	Width	Length	Width	Length	Width	Length	Width
Basement								
1st floor								
2nd floor								
3rd floor								
4th floor								

c. Describe characteristics of the sample unit that would help to determine total number of square feet such as ranch, cape cod, split level, etc.

Dimensions -
 Do not include a garage
 Include a garage for 1 car
 One car
 Two cars
 Three or more cars

d. FILL OBSERVATION ITEMS ON PAGES 48 AND 49.

Facsimile of the American Housing Survey Control Card: 1985

FORM AHS-81 U.S. DEPARTMENT OF COMMERCE BUREAU OF THE CENSUS
CONTROL CARD
AMERICAN HOUSING SURVEY

OMB No. 2528-0016

INTRODUCTION
 OCCUPIED HOUSEHOLD: Hello, I am... from the United States Bureau of the Census. I am in the United States. I have some questions I would like to ask you. Did you receive our letter? If prior year interview, ask: Is this the (last name of reference person) household?
 VACANT INTERVIEW: Hello, I am... from the United States Bureau of the Census. Here is my identification card. We are taking a survey of housing in the United States. I have some questions about (read address). Here is a letter which provides some information about the survey.

EXTRA UNIT
 Original unit serial number
 Sheet _____
 Line _____

AREA SEGMENTS ONLY
 4a) Ask first visit Ask first visit Ask items marked Do NOT ask
 4b) Are there any occupied or vacant apartments besides (your apartment only) on the same floor? Yes No
 4c) Is there any other building on the property for people to live in... either occupied or vacant? Yes No

CLASSIFICATION OF LIVING QUARTERS
 7c) Mark or ask: Is (Address in item 3a) a house, an apartment, a mobile home, or some other type of residence?
 HOUSING UNIT
 House, apartment, flat
 Mobile home WITH one or more permanent rooms added
 HU in nontransient hotel, motel, etc.
 HU, permanent in transient hotel, motel
 HU in rooming house
 Boat or recreational vehicle
 Tent, cave, or railroad car
 HU not specified above - Specify _____
 OTHER UNIT (Treat as Type B noninterview. Mark and go to AHS-83.)
 Quarters not HU in rooming or boarding house
 Student quarters in college dormitory
 Unoccupied site for mobile home, trailer, or tent
 Unit not permanent in transient hotel, motel, etc.
 OTHER unit not described above - Specify _____

ACCESS - Mark or ask:
 Does (Address in item 3a) have direct access either from the outside or through a common hall?
 Yes, direct _____
 No, through another unit - Not applicable. (Combine with unit through which access is gained. Apply merged unit procedures if appropriate.)

STATUS OF CONTROL NUMBER
 Control number in sample last enumeration period
 Control number in sample for first time this enumeration period - Mark reason for adding control number below
 New construction
 Mobile home moved in
 House moved in
 Unit resulted from structural conversion
 Conversion of nonresidential unit
 Sample redesign
 Other - Specify _____

OFFICE USE ONLY

INTERVIEW STATUS
 Rep. Occ. VAC Occ. 1 2 3 4
 Inter-viewer code 91b
 Date completed 91c
 Month Day Year

LINE NUMBER
 Line number of respondent 91d
 Non-interview code (Enter code) 91e-91f

STATUS OF CONTROL NUMBER
 1 2 3 4 5 6 7 8 9
 Control number in sample last enumeration period
 Control number in sample for first time this enumeration period - Mark reason for adding control number below
 New construction
 Mobile home moved in
 House moved in
 Unit resulted from structural conversion
 Conversion of nonresidential unit
 Sample redesign
 Other - Specify _____

AREA SEGMENTS ONLY
 4a) Ask first visit Ask first visit Ask items marked Do NOT ask
 4b) Are there any occupied or vacant apartments besides (your apartment only) on the same floor? Yes No
 4c) Is there any other building on the property for people to live in... either occupied or vacant? Yes No

7d) CHECK ITEM
 1 2 3 4 5
 Unit NOT in a special place
 Unit in a special place - Refer to Table A in part C of manual. Skip to item 7c and mark the appropriate box.
 1 1 1 1 1
 2 2 2 2 2
 3 3 3 3 3
 4 4 4 4 4
 5 5 5 5 5
 6 6 6 6 6
 7 7 7 7 7
 8 8 8 8 8
 9 9 9 9 9

7e) ACCESS - Mark or ask:
 Does (Address in item 3a) have direct access either from the outside or through a common hall?
 Yes, direct _____
 No, through another unit - Not applicable. (Combine with unit through which access is gained. Apply merged unit procedures if appropriate.)

8a) CHECK ITEM
 1 2 3 4 5
 Occupied - Go to item 8b
 Not occupied - Go to AHS-83

8b) TENURE
 Is this (house/apartment) -
 Owned or being bought by someone in your household? 1 2 3 4 5
 Rented for cash? 1 2 3 4 5
 Occupied without payment of cash rent? 1 2 3 4 5

NOTES
 VACANT INTERVIEW
 Fill item 29 on page 4. Fill observation items
 * For Vacant Interviews, use the following codes:
 90 - Owner
 91 - Landlord/Landlady
 92 - Rental Agent
 93 - Neighbor
 94 - Observer
 95 - Other

9) SURVEY YEAR
 Survey year
 Prior years
 1 2 3 4 5

9c) INTERVIEW STATUS
 Rep. Occ. VAC Occ. 1 2 3 4
 Inter-viewer code 91b
 Date completed 91c
 Month Day Year

9d) LINE NUMBER
 Line number of respondent 91d
 Non-interview code (Enter code) 91e-91f

9e) STATUS OF CONTROL NUMBER
 1 2 3 4 5 6 7 8 9
 Control number in sample last enumeration period
 Control number in sample for first time this enumeration period - Mark reason for adding control number below
 New construction
 Mobile home moved in
 House moved in
 Unit resulted from structural conversion
 Conversion of nonresidential unit
 Sample redesign
 Other - Specify _____

Facsimile of the American Housing Survey Control Card: 1985-Continued

Page 2

PGM 3	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	
Line number	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19
HOUSEHOLD ROSTER SUBSEQUENT INTERVIEW OF HOUSEHOLD - Skip to item 12b below.																			
FIRST INTERVIEW OF HOUSEHOLD - Ask item 11.																			
What are the names of all persons living or staying here? Start with the name of the person or one of the persons who (owns/rents) this home.																			
Enter names below - last name first, then ask item 12a below.																			
RELATIONSHIP TO REFERENCE PERSON																			
OWNER/RENTER																			
BIRTH DATE/AGE																			
SEX																			
RACE																			
ORIGIN																			
MARITAL STATUS																			
EDUCATION																			
MOBILITY																			
CHANGES IN HOUSEHOLD COMPOSITION																			

PGM 3	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	
HOUSEHOLD ROSTER SUBSEQUENT INTERVIEW OF HOUSEHOLD - Skip to item 12b below.																			
FIRST INTERVIEW OF HOUSEHOLD - Ask item 11.																			
What are the names of all persons living or staying here? Start with the name of the person or one of the persons who (owns/rents) this home.																			
Enter names below - last name first, then ask item 12a below.																			
RELATIONSHIP TO REFERENCE PERSON																			
OWNER/RENTER																			
BIRTH DATE/AGE																			
SEX																			
RACE																			
ORIGIN																			
MARITAL STATUS																			
EDUCATION																			
MOBILITY																			
CHANGES IN HOUSEHOLD COMPOSITION																			

NOTES

12.1 FIRST INTERVIEW OF HOUSEHOLD - I have listed... (Read names from item 11). Are all of these persons still living or staying here? If "No," ASK item 12c. If "Yes," ASK item 12d.

12.2 SUBSEQUENT INTERVIEWS OF HOUSEHOLD - I have listed... (Read names from item 11). Are all of these persons still living or staying here? If "No," ASK item 12c. If "Yes," ASK item 12d.

12.3 HOUSEHOLD ROSTER COVERAGE - Who no longer lives here? For each person who has left the household, line 10, fill in the number in item 10, fill item 27; then ask item 12d.

12.4 UNIT: NOT in a special place - GO to item 15b. In a special place - GO to item 16. Ask if not apparent. Do all the persons in this household live or eat together? Yes. No - Fill Table X for the person or group of persons that does not live or eat with the reference person. Then continue with item 15c.

12.5 ASK if not apparent. Does any other household on the property live or eat there? Yes. No - Fill Table X for the person or group of persons that does not live or eat with the reference person. Then continue with item 15c.

12.6 ASK if not apparent. Do all the persons in this household live or eat together? Yes. No - Fill Table X for the person or group of persons that does not live or eat with the reference person. Then continue with item 15c.

12.7 ASK if not apparent. Does any other household on the property live or eat there? Yes. No - Fill Table X for the person or group of persons that does not live or eat with the reference person. Then continue with item 15c.

12.8 ASK if not apparent. Do all the persons in this household live or eat together? Yes. No - Fill Table X for the person or group of persons that does not live or eat with the reference person. Then continue with item 15c.

12.9 ASK if not apparent. Does any other household on the property live or eat there? Yes. No - Fill Table X for the person or group of persons that does not live or eat with the reference person. Then continue with item 15c.

12.10 ASK if not apparent. Do all the persons in this household live or eat together? Yes. No - Fill Table X for the person or group of persons that does not live or eat with the reference person. Then continue with item 15c.

12.11 ASK if not apparent. Does any other household on the property live or eat there? Yes. No - Fill Table X for the person or group of persons that does not live or eat with the reference person. Then continue with item 15c.

12.12 ASK if not apparent. Do all the persons in this household live or eat together? Yes. No - Fill Table X for the person or group of persons that does not live or eat with the reference person. Then continue with item 15c.

12.13 ASK if not apparent. Does any other household on the property live or eat there? Yes. No - Fill Table X for the person or group of persons that does not live or eat with the reference person. Then continue with item 15c.

12.14 ASK if not apparent. Do all the persons in this household live or eat together? Yes. No - Fill Table X for the person or group of persons that does not live or eat with the reference person. Then continue with item 15c.

12.15 ASK if not apparent. Does any other household on the property live or eat there? Yes. No - Fill Table X for the person or group of persons that does not live or eat with the reference person. Then continue with item 15c.

Facsimile of the American Housing Survey Control Card: 1985-Continued

Page 3

NOTES

Facsimile of the American Housing Survey Control Card: 1985-Continued

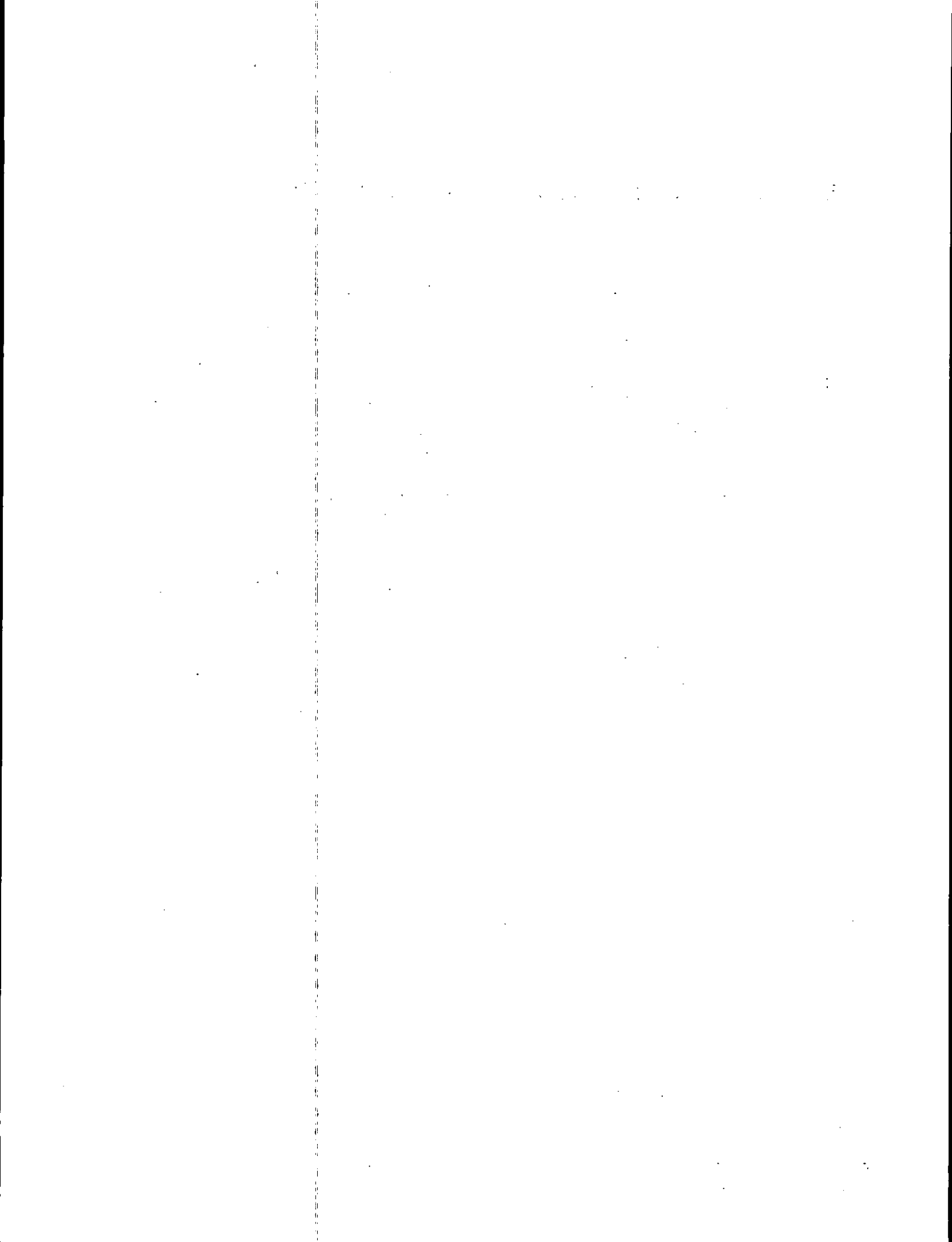
Page 4

2.8 OWNER/AGENT TRANSCRIPTION - If the sample unit is not owner occupied, transcribe the name, address, and telephone number of the owner/agent from the questionnaire.		2.9 For Vacant Interviews, enter respondent information below.	
Survey year	Name	Address (Number, street, city, state, ZIP code)	Telephone Area code Number
1			
2			
3			
4			
5			

NOTES

TABLE X - LIVING QUARTERS DETERMINATION AT LISTED ADDRESS

ADDRESS OF ADDITIONAL LIVING QUARTERS If already listed, enter sheet and line number below and stop Table X. Otherwise, enter basic address and unit address, if any, OR description or location.	LOCATION OF UNIT Is this unit in a special place?	SEPARATENESS AND ACCESS		CLASSIFICATION N - Not a separate unit (include on this control card) HU } Separate unit. (Do not include on this control card.) Go to the appropriate segment type column for interviewing instructions. OT }	UNIT SEGMENTS Is this unit within the specific address (basic plus any), or within the same space of the original sample unit?	AREA SEGMENTS Is this unit within the segment boundaries?	SPECIAL PLACE SEGMENTS Is this unit within the specific address (basic plus any), if any) of the original sample unit?	PERMIT SEGMENTS Is this unit - • within the specific address (basic plus any), if any) of the original sample unit AND • within the same structure as the original sample unit?
		Do the occupants or intended occupants of (Address in column 1) live and set separately from all other persons on the property?	Does (Address in column 1) have direct access either from the outside or through a common hall?						(3)	(4)	(5)	(6)	(7)	(8)	(9)
(11) Sheet _____ Line _____	(2) <input type="checkbox"/> Yes - SKIP to column 5 and mark according to Table A in Part C of manual. <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No - Mark "N" box in column 5	<input type="checkbox"/> Yes - Mark "HU" box in column 5 <input type="checkbox"/> No - Mark "N" box in column 5	<input type="checkbox"/> N - STOP Table X - Continue interview with original unit <input type="checkbox"/> HU } Fill column 6, 7, 8, or 9 as appropriate <input type="checkbox"/> OT }	<input type="checkbox"/> Yes - Interview as an EXTRA unit <input type="checkbox"/> No - Do not interview	<input type="checkbox"/> Yes - Interview as an EXTRA unit <input type="checkbox"/> No - Do not interview	<input type="checkbox"/> Yes - Interview as an EXTRA unit <input type="checkbox"/> No - Do not interview	<input type="checkbox"/> Yes - Interview as an EXTRA unit <input type="checkbox"/> No - Do not interview
Sheet _____ Line _____	<input type="checkbox"/> Yes - SKIP to column 5 and mark according to Table A in Part C of manual. <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No - Mark "N" box in column 5	<input type="checkbox"/> Yes - Mark "HU" box in column 5 <input type="checkbox"/> No - Mark "N" box in column 5	<input type="checkbox"/> N - STOP Table X - Continue interview with original unit <input type="checkbox"/> HU } Fill column 6, 7, 8, or 9 as appropriate <input type="checkbox"/> OT }	<input type="checkbox"/> Yes - Interview as an EXTRA unit <input type="checkbox"/> No - Do not interview	<input type="checkbox"/> Yes - Interview as an EXTRA unit <input type="checkbox"/> No - Do not interview	<input type="checkbox"/> Yes - Interview as an EXTRA unit <input type="checkbox"/> No - Do not interview	<input type="checkbox"/> Yes - Interview as an EXTRA unit <input type="checkbox"/> No - Do not interview



APPENDIX B. Source and Accuracy of the Data

SAMPLE DESIGN	App-55
Introduction	App-55
Designation of AHS-MS Sample Housing Units for the 1985 Survey	App-56
1985 AHS-MS Original Sample Selection for the 1970-Based Area Sample of the Metropolitan Areas	App-57
Sample Selection for the AHS-MS Coverage Improvement Program	App-58
1985 AHS-MS Sample Reduction and Sample Reinstatement	App-58
AHS-MS Sample Selection for the 1980-Based Area Sample of the Metropolitan Areas	App-58
AHS-National Sample Selection	App-60
ESTIMATION	App-60
AHS-MS	App-60
Type M Noninterview Adjustment	App-60
Type A Noninterview Adjustment	App-60
AHS-MS Ratio Estimation Procedure	App-61
AHS-National	App-61
COMBINED SAMPLE WEIGHTING	App-62
Introduction	App-62
Weighting Factor Adjustment	App-62
Combined Sample Ratio Estimation Procedures	App-62
ACCURACY OF THE ESTIMATES	App-63
Nonsampling Errors	App-63
AHS-MS Content Errors	App-63
AHS-National Content Errors	App-64
Coverage Errors	App-64
Rounding Errors	App-65
Sampling Errors for the AHS Combined Sample Estimates	App-65
Illustration of the Use of the Standard Error Tables	App-66
Differences	App-66
Illustration of the Computation of the Standard Error of a Difference	App-67
Medians	App-67
Illustration of the Computation of the 90- percent Confidence Interval of a Median	App-67
Standard Error Tables	App-68

SAMPLE DESIGN

Introduction. The estimates for each of the 11 metropolitan areas in this report series (H-170-85) are based on data collected from the 1985 American Housing Survey Metropolitan Sample (AHS-MS) and the 1985 American Housing Survey National Sample, which were conducted by the Bureau of the Census acting as collection agent for the Department of Housing and Urban Development.

The sample areas covered for metropolitan areas that remained in the AHS sample after survey year 1983 are consistent with the 1983 Office of Management and Budget (OMB) definitions of a metropolitan statistical area (MSA), consolidated metropolitan statistical area (CMSA), or primary metropolitan statistical area (PMSA). In some instances, a given metropolitan area is a combination of primary metropolitan statistical areas and will be referred to as PMSA's. In addition to adding new areas to some metropolitan samples in order to comply with the 1983 definitional changes, some new metropolitan areas have been added. Thus, each of the 1985 metropolitan areas will fall into one of three categories—

- Areas of the same geographic area as defined for surveys prior to 1984 (i.e., areas in which the 1970 OMB definition of a standard metropolitan statistical area is the same as the 1983 MSA, PMSA, or CMSA definition, 1970-based area)—Dallas, TX, PMSA; Los Angeles-Long Beach, CA, PMSA; Philadelphia, PA-NJ, PMSA; Phoenix, AZ, MSA; and San Francisco-Oakland, CA, area PMSA's.
- Areas consisting of new area in addition to the 1970-based area—Boston, MA-NH, CMSA; Detroit, MI, PMSA; Ft. Worth Arlington, TX, PMSA; Minneapolis-St. Paul, MN-WI, MSA; and Washington, DC-MD-VA, MSA.
- Areas that are in sample for the first time—Tampa-St. Petersburg, FL, MSA.

The metropolitan areas selected for the 1985 AHS-MS are interviewed on a rotating basis once every four years. Each metropolitan area had an expected sample size of 8,500 or 4,250 housing units uniformly distributed throughout nine panels (panels 4-12). The areas having an expected sample size of 8,500 housing units include the Detroit, MI, PMSA; Los Angeles-Long Beach, CA, PMSA; Philadelphia, PA-NJ, PMSA; San Francisco-Oakland, CA, area PMSA's; and Washington, DC-MD-VA, MSA. The remaining six metropolitan areas have an expected sample size of 4,250

housing units. Due to budget constraints, panel 12 was dropped from sample in all metropolitan areas; and with the exception of the Boston, MA-NH, CMSA; Minneapolis-St. Paul, MN-WI, MSA; Phoenix, AZ, MSA; and Tampa-St. Petersburg, FL, MSA's, panel 11 was dropped as well. In metropolitan areas where only panel 12 was dropped from sample, interviewing was scheduled for April 1985 through November 1985; in the other seven metropolitan areas, interviewing was scheduled for April 1985 through October 1985. Hence, the expected sample sizes were lower than the original goals of 4,250 and 8,500 sample units. In this metropolitan area, 3,687 AHS-MS housing units were eligible for interview. Of these sample housing units, 125 interviews were not obtained, because for occupied sample units, the occupants refused to be interviewed, were not at home after repeated visits, or were unavailable for some other reason; or, for vacant units, no informed respondent could be found after repeated visits. In addition to the AHS-MS housing units eligible for interview, 73 AHS-MS units were visited but were not eligible for interview because they were condemned, unfit, demolished, converted to group quarters use, etc.

The AHS-National sample is interviewed biennially on odd-numbered years. It was conducted from August 1985 through December 1985. The sample covers 878 counties and independent cities with coverage in each of the 50 States and the District of Columbia. In order to increase the reliability of the AHS-MS sample estimates, information from AHS-National sample units was used in the estimation process. For each metropolitan area, interviewed AHS-National units that were located within the 1985 AHS-MS definition of the metropolitan area were used in the estimation procedure. In this metropolitan area, 402 AHS-National units were used.

Designation of AHS-MS Sample Housing Units for the 1985 Survey. The sample housing units designated to be interviewed in the 1985 survey consisted of the following categories which are described in detail in the following sections:

Housing units which were in the 1970-based area include the following:

- a. All sample housing units that were interviewed in the previous survey and remained in sample after the 1985 reduction. This sample includes housing units that were selected as part of the 1976-1981 Coverage Improvement Program. These Coverage Improvement cases represented most of the housing units which, until these procedures were implemented, did not have a chance of selection.
- b. All sample housing units that were type A noninterviews (i.e., units eligible to be interviewed) or type B noninterviews (i.e., units not eligible for interview at the time of the survey but which could become eligible in

the future) in the previous survey and remained in sample after the 1985 reduction. (For a list of reasons for type A and type B noninterviews, see the facsimile of the 1985 AHS questionnaire, page App-24.)

- c. All sample housing units selected from a listing of new residential construction building permits issued since the previous survey that remained in sample after the 1985 reduction. This sample represented the housing units built in permit-issuing areas since the previous survey.
- d. All sample housing units that were added since the previous survey in sample segments from the nonpermit universe that remained in sample after the 1985 reduction. This sample represented additions to the housing inventory since the previous survey in nonpermit-issuing areas
- e. In the 1970-based areas of the Boston, MA-NH, CMSA; Detroit, MI, PMSA; Ft. Worth-Arlington, TX, PMSA; Minneapolis-St. Paul, MN-WI, MSA; and Washington, DC-MD-VA, MSA, all sample housing units selected from the 1980 Census of Population and Housing.
- f. All sample housing units reinstated in sample in 1985. This sample represents units which had previously been dropped from sample due to previous sample reductions.

Housing units within new areas added to the metropolitan area in 1980 and for metropolitan areas that are in sample for the first time (1980-based area):

- a. All housing units selected from the 1980 Census of Population and Housing.
- b. All housing units that were selected from a list of new residential construction building permits. This sample represented the housing units built in permit-issuing areas since the 1980 census.
- c. All sample housing units that were selected in sample segments added from the nonpermit universe. This sample represents units enumerated in the 1980 census as well as additions to the housing inventory in nonpermit-issuing areas since the 1980 census.

The following table shows the percent of the AHS-MS old construction sample that is in 1970-based area (i.e., frames a, b, d, e, and f) and 1980-based area (i.e., frames a and c) for each metropolitan area:

Metropolitan Area	Percent 1970-based area	Percent 1980-based area
Boston, MA-NH, CMSA	70.1	29.9
Dallas, TX, PMSA	100.0	0.0
Detroit, MI, PMSA	91.7	8.3
Ft. Worth-Arlington, TX, PMSA	96.2	3.8
Los Angeles-Long Beach, CA, PMSA	100.0	0.0
Minneapolis-St. Paul, MN-WI, MSA	91.6	8.4
Philadelphia, PA-NJ, PMSA	100.0	0.0
Phoenix, AZ, MSA	100.0	0.0
San Francisco-Oakland, CA, area PMSA's	100.0	0.0
Tampa-St. Petersburg, FL, MSA	0.0	100.0
Washington, DC-MD-VA, MSA	93.3	6.7

1985 AHS-MS Original Sample Selection for the 1970-Based Area Sample of the Metropolitan Areas. The 1985 AHS-MS original sample for the 1970-based area of the metropolitan areas which, in 1970, were 100-percent permit-issuing was selected from two frames: housing units enumerated in the 1970 Census of Population and Housing in areas under the jurisdiction of permit-issuing areas (the 1970-based permit-issuing universe); and housing units constructed in permit issuing areas since the 1970 census (the 1970-based new construction universe). In addition, the sample for those metropolitan areas which were not 100-percent permit-issuing in 1970 included a sample selected from a third frame—those housing units located in areas not under the jurisdiction of permit-issuing offices (the 1970-based nonpermit universe). In 1970, the Boston, MA-NH, CMSA; Los Angeles-Long Beach, CA, PMSA; Phoenix, AZ, MSA; San Francisco-Oakland, CA, area PMSA's; and Washington, DC-MD-VA, MSA were the only metropolitan areas that were 100-percent permit-issuing.

Sampling operations, described in the following paragraphs, were performed separately within the central city and balance (outside the central city) using the 1970 OMB definitions of the central city of each metropolitan area for each of the sample frames. The overall sampling rate used to select the sample for each metropolitan area was determined by the size of the sample. Each metropolitan area had an overall sampling rate about the same for both the central city and the balance, since the sample was distributed proportionately between the two according to the corresponding distribution of total housing units.

The major portion of the sample in each of the metropolitan areas was selected from a file which represented the 20-percent sample of housing units enumerated in permit-issuing areas of the metropolitan areas during the 1970 Census of Population and Housing. This file contained records for occupied housing units, vacant housing units, and housing units in certain special places or group quarters. Sampling operations were done separately for the special place and group quarters records, and for the occupied and vacant housing unit records. Before the sample was selected from the occupied and vacant housing unit records, the records were stratified by race of the

head of household (non-Black/Black), and the vacant records were stratified into four categories pertaining to the value or rent associated with the vacant housing units. The occupied housing unit records were further stratified so that each unit was assigned to one of 50 strata according to its tenure (owner/renter), family size, and family income category as illustrated by the following table:

Family income	Tenure													
	Owner family size					Renter family size								
	1	2	3	4	5+	1	2	3	4	5+				
Under \$3,000														
\$3,000 to \$5,999														
6,000 to \$9,999														
\$10,000 to \$14,999														
\$15,000 and over														

Thus, for the metropolitan areas, the occupied housing unit records from the permit-issuing universe were assigned to one of 100 strata for either the central city or for the balance, and the vacant housing unit records were assigned to one of the 4 vacant strata for either the central city or for the balance of the metropolitan areas. A sample selection procedure was then instituted that would produce one-half of the desired sample. However, whenever a record was selected to be in sample, the housing unit record adjacent to it on the file was also selected to be in sample, thereby insuring the necessary designated sample size.

Before the sample was selected from the group quarters and special place records, the records were stratified by census tract and census enumeration district (ED) within the central city and within the balance of the metropolitan areas. A sample of special place records was then selected by a procedure that produced one-quarter of the desired sample size. However, at the time of the survey, the housing units at each of the special places were listed and subsampled at a rate which produced an expected four sample units, thereby insuring the necessary designated sample size.

The second frame from which the metropolitan area sample was selected was a list of new construction building permits issued since 1970 (i.e., the new construction universe). The sample selection from the list of new construction building permits was an independent operation within the metropolitan area. Under clerically selected procedures, the list of permits was chronologically stratified by the date the permits were issued, and clusters of an expected four (usually adjacent) housing units were formed. These clusters were then sampled for inclusion at the overall sampling rate. In February 1984, the new construction sampling operation for the 1970-based and 1980 based areas were combined into one computerized system. The universe sampled in the computerized system will be referred to in the estimation section as the 1980-based

permit universe. Under these procedures, prior to sample selection, the list of permits was chronologically stratified by the date of issue, State, 1980 central city and balance, county or minor civil division, and permit office. Clusters of an expected four (usually adjacent) housing units were formed. These clusters were then sampled for inclusion at twice the overall sampling rate. The housing units within each of the clusters were then subsampled so that two of the four housing units originally selected were kept in sample.

For those metropolitan areas which were not 100-percent permit issuing, the remainder of the AHS-MS sample was selected from a frame consisting of areas not under the jurisdiction of permit-issuing offices (i.e., the nonpermit universe). The first step in the sampling operation for the nonpermit universe was the selection of a sample of census enumeration districts. Prior to this sample selection, the ED's were stratified by census tract within the central city and within the balance of the metropolitan area. The probability of selection of an ED was proportionate to the following:

$$\frac{\text{Number of housing units in 1970 census ED} + \text{Group quarters population in 1970 census ED}}{4} = 3$$

The sample ED's were then divided into segments (i.e., small land areas with well-defined boundaries having an expected size of four, or a multiple of four, housing units). At the time of the survey, those segments that did not have an expected size of four were further subdivided to produce an expected four sample housing units. The next step was the selection of one of these segments within each sample ED. All housing units in existence at the time of interview in these selected segments were eligible for sample. Thus, housing units enumerated in the 1970 census as well as housing units built since the 1970 census were included.

Sample Selection for the AHS-MS Coverage Improvement Program. The AHS-MS Coverage Improvement Program was undertaken to correct certain deficiencies in the AHS-Metropolitan Area sample from the 1970 permit-issuing universe and the 1970 new construction universe within the 1970-based area. The coverage deficiencies included the following units:

- a. New construction from building permits issued prior to January 1970, but completed after April 1, 1970.
- b. Mobile homes placed in parks either missed during the 1970 census or established since the 1970 census.
- c. Housing units missed in the 1970 census.
- d. Housing units converted to residential use that were nonresidential at the time of the 1970 census.

- e. Houses that have been moved onto their present site since the 1970 census.
- f. Mobile homes placed outside parks since the 1970 census or vacant at the time of the 1970 census.

For a detailed description of the coverage improvement sample selection process, see earlier reports in the H-170 series for the years 1976 through 1981.

1985 AHS-MS Sample Reduction and Sample Reinstatement. The 1985 AHS-MS sample reduction dropped units from sample, whereas the 1985 AHS-MS sample reinstatement added enumerated units which were previously dropped from sample. The universes involved were: the 1970-based permit-issuing universe, the 1970-based new construction universe, and the 1970-based nonpermit universe. These procedures involved dropping or adding individual housing units from the permit issuing universe, whole clusters from the new construction universe, and whole segments from the nonpermit universe.

The reduction/reinstatement was implemented to achieve two criteria:

- a. A sample size of 8,500 in the Detroit, MI, PMSA; Los Angeles-Long Beach, CA, PMSA; Philadelphia, PA-NJ, PMSA; San Francisco-Oakland, CA, area PMSA's; and Washington, DC-MD-VA, MSA; and a sample size of 4,250 in the other six metropolitan areas;
- b. A sample having an equal number of owners and renters.

In order to achieve these results, each unit was classified according to the original panel number (the original sample was divided into 12 panels, with one-twelfth of the sample being in each panel) and 1985 tenure (each housing unit was given a 1985 tenure based on the previous year's tenure status). In order to simplify field procedures, panels 1-3 (i.e., a random one-fourth of the original sample) were dropped from sample whenever possible. More sample reductions were implemented separately for each 1985 tenure group (using different selection rates) across the remaining panels.

AHS-MS Sample Selection for the 1980-Based Area Sample of the Metropolitan Areas. The sample for new areas added to the 1970-metropolitan areas, and metropolitan areas in sample for the first time which, in 1980, were 100-percent permit-issuing was selected from two frames—housing units enumerated in the 1980 Census of Population and Housing in areas under the jurisdiction of permit-issuing areas (the 1980-based permit-issuing universe) and housing units constructed in permit-issuing areas since the 1980 census (the 1980-based new construction universe). In addition, the sample for those metropolitan areas which were not 100-percent permit-issuing in 1980 included a sample from a third frame—

those housing units not under the jurisdiction of permit-issuing offices (the 1980-based nonpermit universe). In 1980, the Boston, MA-NH, CMSA; Ft. Worth-Arlington, TX, PMSA; Minneapolis-St. Paul MN-WI, MSA; and Washington, DC-MD-VA, MSA were the only metropolitan areas that added new areas which were not 100-percent permit-issuing.

In order to satisfy confidentiality requirements in the Boston, MA-NH, CMSA; Ft. Worth-Arlington, TX, PMSA; and Washington, DC-MD-VA, MSA, it was necessary to supplement the existing sample within the 1970-based area for each metropolitan area. The additional sample housing units were selected separately for each metropolitan area from the 1980-based permit-issuing universe.

The major portion of the sample in each metropolitan area was selected from a file which represented all the housing units enumerated in permit-issuing areas of the metropolitan area during the 1980 Census of Population and Housing. This file contained records for occupied housing units, vacant housing units, and housing units in group quarters. Sampling operations were done separately for noninstitutionalized group quarters and for all other housing units in permit-issuing areas. In addition, in order that an equal number of owner and renter housing units were selected in each metropolitan area, a selection rate that differed by tenure group was used. Before the sample was selected, the housing units that were not classified as group quarters were stratified into 60 categories by tenure, contract rent, value, and number of rooms as illustrated by the following table:

Contract rent and value	Number of rooms		
	1-3	4-5	6+
RENTER			
Contract rent			
Less than \$100			
\$100 to \$149			
\$150 to \$199			
\$200 to \$249			
\$250 to \$299			
\$300 to \$349			
\$350 to \$399			
\$400 or more			
Not available			
OWNER			
Value			
Less than \$20,000			
\$20,000 to \$29,999			
\$30,000 to \$34,999			
\$35,000 to \$39,999			
\$40,000 to \$49,999			
\$50,000 to \$64,999			
\$65,000 to \$79,999			
\$80,000 to \$99,999			
\$100,000 to \$149,999			
\$150,000 or more			
Not available			

The group quarters housing units were grouped into two strata: (1) institutionalized group quarters; and (2) noninstitutionalized group quarters.

The following sample selection procedures were then implemented separately within the 1980 central city and balance of the metropolitan area. For the Boston, MA-NH, CMSA; Ft. Worth-Arlington, TX, PMSA; and Washington, DC-MD-VA, MSA, the sample selections were implemented separately by the 1970-based and 1980-based areas. First, all units were sorted by the 1980 central city and balance, stratum, State, district office, ED, and census serial number. The sample selection procedure was then implemented separately for noninstitutionalized group quarters and for institutionalized group quarters and nongroup quarters housing units. For the institutionalized group quarters and nongroup quarters housing units, the sample selection was done across the 61 strata. Individual housing units were selected for the nongroup quarters while each institutionalized group quarters had one chance of selection. Before the sample selection for the noninstitutionalized group quarters was implemented, the following measure of size was calculated for each record:

$$(1/4) \times \frac{\text{Total group quarters population}}{2.75}$$

The noninstitutionalized group quarters were then selected proportionate to the measure of size.

The second frame from which the metropolitan area sample was selected was a list of new construction building permits issued since 1980 (i.e., the new construction universe). The sample selection from the list of new construction building permits was an independent operation within each metropolitan area. This operation was described previously in the discussion on computerized building permit sampling in 1970-based areas.

The following table shows the percent of the new construction sample that was clerically selected since the previous survey (i.e., cluster size = 4) and computer selected (i.e., cluster size = 2) for each metropolitan area:

Metropolitan area	Percent clerically selected	Percent computer selected
Boston, MA-NH, CMSA	17.0	83.0
Dallas, TX, PMSA	66.7	33.3
Detroit, MI, PMSA	41.4	58.6
Ft. Worth-Arlington, TX, PMSA	62.1	37.9
Los Angeles-Long Beach, CA, PMSA	48.0	52.0
Minneapolis-St. Paul, MN-WI, MSA	53.4	46.6
Philadelphia, PA-NJ, PMSA	48.8	51.2
Phoenix, AZ, MSA	52.4	47.6
San Francisco-Oakland, CA, area PMSA's	44.3	55.7
Tampa-St. Petersburg, FL, MSA	0.0	100.0
Washington, DC-MD-VA, MSA	49.0	51.0

For those metropolitan areas which were not 100-percent permit issuing, the remainder of the AHS-MS sample was selected from a frame consisting of areas not

under the jurisdiction of permit-issuing offices (i.e., the 1980-based nonpermit universe). The first step in the sampling operation for the nonpermit universe was the selection of a sample of census ED's within these areas (using the overall sampling rate). Prior to this sample selection, the ED's were sorted by State, district office and enumeration district number. The probability of selection of an ED was proportionate to the following:

$$\frac{\text{Number of housing units in 1980 census ED} + \text{Noninstitutionalized group quarters population in 1980 census ED}}{4} = 2.75$$

The sample ED's were then divided into segments (i.e., small land areas with well-defined boundaries having an expected size of four, or a multiple of four, housing units). At the time of the survey, those segments that did not have an expected size of four housing units were further subdivided to produce an expected four sample housing units. Following the division, a segment from each sample ED was selected. All housing units in existence at the time of interview in these selected segments were eligible for sample. Thus, housing units enumerated in the 1980 census as well as housing units built since the 1980 census are included.

AHS-National Sample Selection. This sample was set up as a multistage design in which the United States was divided into areas made up of counties and independent cities called primary sampling units (PSU's). These PSU's were grouped into strata consisting of one or more PSU's and then one PSU was selected from each stratum to represent all PSU's in that stratum. Sample units were selected from 1980 census units in these PSU's at an overall sampling rate of about 1 in 2,148. In areas where addresses were, for the most part, complete, and where new construction is monitored by permits, a sample of housing units which received long-form questionnaires in the 1980 census was selected directly from a list of all such housing units based on certain housing and geographic information of housing unit.

In areas where at least 4 percent of the addresses were incomplete or inadequate, or where new construction was not monitored by building permits (most rural areas), a sample of 1980 census units which received long-form questionnaires was selected in several steps.

The sample of permit new construction was selected from issued building permits such that the units are expected to be completed after April 1, 1980. The sampling procedure was similar to that of AHS-MS; however, the subsampling rate used was 1 in 4.

Housing units added to the inventory since the 1980 census were represented using two methods. One method identified within structure additions. These are units in structures which had a chance of being in sample because they contained at least one unit enumerated in the 1980

census. The other method identified whole structure additions. These are units in structures for which none of the units in the structure were enumerated in the 1980 census.

Additional information concerning the 1985 AHS-National survey is available in the current housing report series H-150-85.

ESTIMATION

The 1985 AHS-Metropolitan Area sample produced estimates pertaining to characteristics of the housing inventory at the time of the interview (i.e., the 1985 housing inventory). The combined estimates used information from both the AHS-MS and AHS-National samples (i.e., the combined sample estimates).

AHS-MS. Prior to performing estimation procedures using the combined sample, the AHS-MS sample housing units were weighted according to a one-stage ratio estimation procedure. Before the implementation of the ratio estimation procedure, the basic weight (i.e., the inverse of the probability of selection) for each interviewed sample housing unit was adjusted to account for Type M and Type A noninterviews.

Type M Noninterview Adjustment. The Type M noninterviews are sample units which were dropped due to selection by another survey. These noninterviews occur only in the 1980-based permit-issuing area universe, the 1980-based nonpermit-issuing area universe, and the 1980-based new construction universe. This adjustment was done separately for the 1980 central city and balance of each metropolitan area for housing units in the 1980-based permit-issuing universe, in group quarters, in the 1980-based nonpermit-issuing area universe, and in the 1980-based new construction universe. The Type M noninterview adjustment was computed separately for each cell and was equal to the following:

$$\frac{\text{AHS-MS sample estimate of 1980 housing units in the cell} + \text{Weighted count of Type M noninterviewed housing units}}{\text{AHS-MS sample estimate of 1980 housing units in the cell}}$$

Type A Noninterview Adjustment. The next adjustment was the Type A noninterview adjustment. This adjustment was done on occupied housing units and was computed separately for units in the 1980-based permit-issuing area universe, for new construction, and for all other housing units (this includes the 1970-based permit-issuing universe, the 1970-based and 1980-based nonpermit-issuing universes and the 1970-based new construction housing units built prior to the last survey). For units in the 1980-based permit-issuing universe, a Type A noninterview adjustment factor was computed separately for each of the 62 strata used in the sample selection process by 1980 central city and balance. For new construction units, a Type A noninterview adjustment factor was computed

separately by tenure for each of the central city and balance. For all other units, a Type A noninterview adjustment factor was calculated separately by tenure and 1970 central city and balance for each of the following: (1) 24 noninterview cells for sample housing units from the permit-issuing universe (where the cell consisted of one or more of the 50 different strata used in the 1970-based permit-issuing universe as previously described); (2) one noninterview cell for new construction housing units; (3) one noninterview cell for mobile homes or trailers from the nonpermit-issuing universe; (4) one noninterview cell for units that were not mobile homes or trailers from the nonpermit-issuing universe; (5) three noninterview cells for units from the coverage improvement universe; (6) one noninterview cell for units classified as vacants at the time of the 1970 Census; and (7) one noninterview cell for units classified as group quarters at the time of the 1970 Census. Within a given cell, the Type A noninterview adjustment factor was equal to the following ratio using the basic weight times the Type M noninterview adjustment factor for the sample weight:

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

AHS-MS Ratio Estimation Procedure. The following ratio estimation procedure was employed for all sample housing units from the permit issuing universe. This factor was computed separately for all sample housing units within each 1970-based permit-issuing universe noninterview cell mentioned previously. The ratio estimation factor for each cell was equal to the following:

$$\frac{\text{1970 census count of housing units from the 1970-based permit-issuing universe in the corresponding cell}}{\text{AHS-MS sample estimate of 1970 housing units from the permit-issuing universe in the corresponding cell}}$$

For each metropolitan area, the numerators of the ratios were obtained from the 1970 Census of Population and Housing 20-percent file of housing units enumerated in areas under the jurisdiction of permit-issuing offices.

The denominators of the ratio estimation factors were then computed and were obtained from weighted estimates of all the AHS-MS sample housing units from the 1970-based permit-issuing universe within the corresponding ratio estimation categories using the existing weight (i.e., the basic weight times the Type A noninterview adjustment). The computed ratio estimation factor was then applied to the existing weight for each sample housing unit within the corresponding ratio estimation cells. This ratio estimation procedure was introduced to correct the probabilities of selection for samples in each of the strata used in the sample selection of the 1970-based permit-issuing universe. Prior to the AHS-MS sample selection

within each metropolitan area, housing units already selected for other Census Bureau surveys were deleted from the permit-issuing universe. The same probability of selection was then applied to the remaining units to select the AHS-MS sample. Since the number of housing units deleted from the AHS-MS universe frame was not necessarily proportional among all strata, some variation in the actual probability of selection between strata was introduced during the sample selection process.

The following ratio estimation procedure was employed for all sample units from the 1980-based permit-issuing universe. This factor was computed separately for all metropolitan areas excluding the Dallas, TX, PMSA; Los Angeles-Long Beach, CA, PMSA; Philadelphia, PA-NJ, PMSA; Phoenix, AZ, MSA; and San Francisco-Oakland, CA, area PMSA's within each 1980-based permit-issuing universe noninterview cell mentioned previously. The ratio estimation factor was equal to the following:

$$\frac{\text{1980 census count of housing units from the 1980 permit-issuing universe in the corresponding cell}}{\text{AHS-MS sample estimate of 1980 housing units from the 1980 permit-issuing universe in the corresponding cell}}$$

For each metropolitan area, the numerator of the ratio was obtained from the 1980 Census of Population and Housing 100-percent file of housing units enumerated in areas under the jurisdiction of permit issuing offices. The denominator of the ratio was obtained from weighted estimates of all the AHS-MS sample housing units within the corresponding ratio estimation categories using the existing weight (i.e., the basic weight times the Type M noninterview adjustment factor times the Type A noninterview adjustment factor).

The computed ratio estimation factor was then applied to the existing weight for each sample housing unit within the corresponding ratio estimation categories.

This ratio estimation procedure was introduced to adjust the sample estimate in each of the strata used in the sample selection of the 1980-based permit issuing universe to an independent estimate (1980 census count) for the strata. This adjustment was necessary since some sample units were dropped during the processing procedures.

AHS-National. Before implementing estimation procedures using the AHS-National units for the combined sample, the AHS-National sample units were assigned a weight which reflected the probability of selection for the unit. The AHS-National weighting procedure then made adjustments for units which could not be interviewed for a variety of reasons. For each of these adjustments, a factor was computed and applied to the appropriate units.

The first of these adjustments was done in permit segments only, to account for permits which could not be sampled and units which could not be located. These were

represented by all other units in permit segments including both interviews and noninterviews (excluding unable-to-locate noninterviews).

The second of the adjustments was done for units in structures built before April 1, 1980. It was done to account for units which could not be located. The unlocatable units were represented by both interviews and noninterviews (excluding unable-to-locate noninterviews).

The last of these adjustments was done to account for units which could not be interviewed because either no one was home after repeated visits or the respondent refused to be interviewed. When 1980 census data was available, this information was used to determine the noninterview adjustment cell. The cells included characteristics such as tenure, geography, units in structure, and number of rooms. When 1980 census data was not available, adjustment factors were computed separately using more general characteristics such as type of area and type of housing unit (i.e., mobile home, nonmobile home). Additional information on the AHS-National weighting procedure can be found in the current housing reports H-150-85 series.

COMBINED SAMPLE WEIGHTING

Introduction. The estimates for the combined sample were obtained by summing the sample weights of interviewed AHS-MS and AHS-National units. For AHS-MS sample units, the starting weight was obtained after the AHS-MS ratio estimation procedure. For AHS-National units, the starting weight was obtained after the Type A noninterview adjustment. In order to account for the use of two different samples representing one metropolitan area, weighting factors were assigned to each unit prior to the combined sample ratio estimation procedures.

Weighting Factor Adjustment. The weighting factor adjustment was computed separately for each metropolitan area by sample design (AHS-MS or AHS-National) according to "new construction" or "old construction" classification. New construction was defined as units built in permit-issuing areas since the 1980 census; old construction units were then categorized by tenure classification (renter/owner).

For a given characteristic, the AHS-MS weighting factor adjustment was a function of the sample size in each survey and the variance associated with each survey's estimates.

The corresponding weighting factor was then applied to the existing weight of each AHS-MS and AHS-National sample unit, and the weights were then combined according to characteristic (i.e., AHS-MS new construction + AHS-National new construction, etc.).

Combined Sample Ratio Estimation Procedures. The following ratio estimation procedure was applied only in the Los Angeles-Long Beach, CA, PMSA. It involved the

ratio estimation of the weighted sample of new construction units in the metropolitan area to an independent estimate of units in the metropolitan area completed during the same time period. This ratio estimation factor was equal to the following:

$$\frac{\text{Independent estimate of housing units completed in November 1980 or later}}{\text{Sample estimate of housing units completed in November 1980 or later}}$$

The numerator of this ratio was determined using Survey of Construction data. The denominator of this ratio was obtained from the weighted estimate of the AHS sample housing units using the existing weight (i.e., the starting weight times the combined sample weighting factor).

The computed ratio estimate factor was then applied to the existing weight for all units in the metropolitan area completed in November 1980 or later.

The next ratio estimation procedure was applied only in the Phoenix, AZ, MSA. This procedure involved the ratio estimation of the weighted sample estimate of occupied mobile homes in the metropolitan area to an independent estimate of occupied mobile homes in the metropolitan area. This factor is given by the following:

$$\frac{\text{Independent estimate of occupied mobile homes in the Phoenix, AZ, MSA}}{\text{Sample estimate of occupied mobile homes in the Phoenix, AZ, MSA}}$$

The numerator of this ratio was determined using data from the 1980 census and the 1985 Special Census for the Phoenix, AZ, MSA. The denominator was obtained using the existing weight of AHS sample units (i.e., the starting weight times the combined sample weighting factor).

The computed ratio estimate factor was then applied to the existing weight for all interviewed mobile homes in the metropolitan area.

The next ratio estimation procedure was applied to all metropolitan areas except the Phoenix, AZ, MSA. Each metropolitan area was subdivided into geographic areas consisting of a combination of counties or minor civil divisions. The ratio estimation procedure involved the ratio estimation of the weighted sample estimate of the August 15, 1985, housing inventory in each geographic area for each metropolitan area to an independent estimate of occupied housing units for the corresponding cell. This ratio estimation factor equalled the following:

$$\frac{\text{Independent estimate of the August 15, 1985, occupied housing unit inventory for the corresponding geographic area of the metropolitan area}}{\text{AHS-metropolitan area sample estimate of the occupied housing inventory for the corresponding geographic area of the metropolitan area}}$$

The independent estimates of occupied housing units that were used as the numerator of this ratio are described

below. The denominator of this ratio was obtained from the weighted estimate of the occupied AHS sample housing units using the existing weight.

Independent estimates were derived for the August 15, 1985 occupied housing inventory for each geographic area within each metropolitan area. For all metropolitan areas excluding the Boston, MA-NH, CMSA; Los Angeles-Long Beach, CA, PMSA; and Phoenix, AZ, MSA, the estimates were based on the following ratio:

$$\frac{\text{1985 estimate of population (age 15+)}}{\text{excluding group quarters in the county}}$$

$$\frac{\text{1985 estimate of population (age 15+) per household}}{\text{excluding group quarters in the county}}$$

For the Boston, MA-NH, CMSA, the estimate was based on the following ratio:

$$\frac{\text{1985 estimate of total population}}{\text{excluding group quarters in the minor civil division}}$$

$$\frac{\text{1985 estimate of total population per household}}{\text{excluding group quarters in the minor civil division}}$$

The methodology used to derive the independent estimates for all metropolitan areas excluding the Los Angeles-Long Beach, CA, PMSA and Phoenix, AZ, MSA was based on the population-per-household method as described in the *Proceedings of the Bureau of the Census Second Annual Research Conference, March 23-26, 1986*, pages 83-110. This method is based on the national trend of the adult population per household and assumes that this trend is uniform throughout the country.

For the Los Angeles-Long Beach, CA, PMSA, the independent estimates were obtained from the State of California, Department of Finance. In this metropolitan area, the population-per-household could not be applied since the national population-per-household trend under estimated the true population per household in this metropolitan area.

The AHS sample estimate of the housing inventory for the corresponding geographic area was obtained using the existing weight.

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

The following ratio estimation procedure was applied only in the Phoenix, AZ, MSA. This procedure involved the ratio estimation of the weighted sample of all combined sample units in the metropolitan area to an independent estimate of all units in the metropolitan area. This factor is equal to the following:

$$\frac{\text{Independent estimate of the total housing inventory}}{\text{in the Phoenix, AZ, MSA}}$$

$$\frac{\text{AHS combined sample estimate of the total housing inventory}}{\text{in the Phoenix, AZ, MSA}}$$

The numerator of this ratio was determined using data from the 1985 Special Census of the Phoenix, AZ, MSA. The denominator was obtained from the weighted estimate of AHS combined sample units using the existing weight.

The computed ratio estimate factor was then applied to the existing weight for all combined sample units in the metropolitan area.

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

ACCURACY OF THE ESTIMATES

There are two types of possible errors associated with estimates based on data from sample surveys—sampling and nonsampling errors. The following is a description of the sampling and nonsampling errors associated with the AHS sample estimates.

Nonsampling Errors. In general, nonsampling errors can be attributed to many sources: inability to obtain information about all cases, definitional difficulties; differences in the interpretation of questions; inability or unwillingness of respondents to provide correct information; mistakes in recording or coding the data; other errors of collection, response, processing, and coverage; and estimation for missing data. Nonsampling errors are not unique to sample surveys since they can, and do, occur in complete censuses as well.

Obtaining a measurement of the total nonsampling error associated with the estimates from a survey is very difficult, considering the number of possible sources of error. However, an attempt was made to measure some of the nonsampling errors associated with the estimates for the 1985 AHS-Metropolitan Area sample.

AHS-MS Content Errors. A content reinterview program was done for the 1985 AHS-Metropolitan Area sample units. A sample of these units was revisited and answers to some of the questions on the questionnaire were obtained again. The original interview and reinterview were assumed to be two independent readings and thus were the basis for the measurement of the accuracy of the data collected from interviewed units.

The 1985 content reinterview program served as an interviewer quality check and a quality analysis of particular survey questions. One-fourth of all interviewers were

selected for the quality check which reviewed the interviewers' proficiency in properly evaluating the items listed below. The other portion of the reinterview program was performed to ensure that certain survey questions elicited consistent responses from the interviewed households. These reinterview items and their response variability are discussed below.

The six interviewer items reviewed were: (1) correct unit visited; (2) area segment coverage; (3) living quarters classification; (4) tenure; (5) interview status; and (6) household composition.

The AHS-MS survey items reviewed generally fell into three categories: (1) major repairs; (2) mortgage; and (3) mobility. In the category of major repairs, all but one item showed moderate response variability; "major repairs over \$500 each" had high variability. Of the 11 measurable items in the mortgage category, 7 had low variability, 3 had moderate variability, and "payments the same throughout mortgage" showed high response variability. The mobility category had four items which showed moderate response variability, and two which showed high response variability: "area lived at age 16" and "preferred place to live in 5 years." One final item which had high variability was the size of the lot. It was found that most people did not know their lot size either in square feet, feet by feet, or whole acres.

Low levels of inconsistency indicate that the response error is insignificant relative to the standard error in this report. Moderate levels of inconsistency indicate that the response error is not insignificant compared to the standard error in this report. High levels of inconsistency indicate that the response error is very significant compared to the standard error in this report, and caution should be used when examining estimates of these characteristics.

In this publication, cross-tabulations involving those items which are subject to high levels of inconsistency may also be subject to a large distortion as a consequence and thus are considered to be less reliable than comparable cross-tabulations which do not involve these data. Since the reinterview programs only measured inconsistencies for a sample of the items on the AHS questionnaire, there may be other items with high levels of inconsistency.

For additional information on the content reinterview program, refer to the Census Bureau memorandum, "1985 AHS-MS Reinterview Results."

AHS-National Content Errors. A content reinterview program was conducted for the AHS-National households as well. A subsample of the original households was revisited, and certain questions from the original questionnaire were asked again. The original and reinterview were assumed to be two independent readings and thus were the basis for the measurement of the response error of these AHS estimates. The reinterview also served as a check for interviewer evaluation and quality control. The

AHS-National reinterview program performed an interviewer quality check using questions similar to those described above. The reinterview study for survey questions was done for three groups of items. They are units in structure and description of structure, number and type of rooms, and appliances including the age and fuel of the appliances. For reinterview results, refer to the current housing reports H-150-85 series.

Reinterview studies were also conducted in conjunction with previous AHS-National and AHS-MS enumerations. These studies included items dealing primarily with poor housing quality, attitudes about the neighborhood, and certain housing costs. The following table shows the items which had higher levels of inconsistency. While these questions were not included in the 1985 reinterview studies, questions from previous enumerations were not altered enough to lead one to believe that the level of inconsistent responses would change.

Survey items	Level of Inconsistency
Open cracks or holes on inside of building	Moderate to High
Holes in floors	Moderate to High
Broken plaster or peeling paint on ceilings and walls	High
Mice or rats	Moderate
Working electric outlet in all rooms	High
Concealed wiring	High
Blown fuses/tripped circuit breakers	Moderate to High
Neighborhood conditions: street noise; roads in need of repair; crime; trash, litter, junk in streets or on properties; boarded-up/abandoned structures; nonresidential activities; odors, smoke, gas	Moderate to High
Satisfactory neighborhood services: police protection; hospitals/health clinics; public transportation; shopping; elementary schools	Moderate to High
Electricity cost	Moderate to High
Gas cost	High
Oil, coal, kerosene, wood or other fuel cost	Moderate to High
Fire/hazard insurance	Moderate to High
Real estate taxes	Moderate
Cost of real estate taxes	Moderate
Cost of water supply and sewage disposal	High
Cost of garbage collection	Moderate to High
Gross income	High
Prefer to live in same area or somewhere else	Moderate

A possible explanation for the results of the reinterview studies, as well as the surveys themselves, is that respondents may lack precise information. Also, since the results of the reinterview studies are derived from sample surveys, there is sampling error associated with these estimates of nonsampling error. The possibility of such errors should be taken into account when considering the results of these studies.

Coverage Errors. In errors of coverage and estimation for missing data, the AHS new construction sample had deficiencies in the representation of conventional (nonmobile home or trailer) new construction, except for the Los

Angeles-Long Beach, CA, PMSA; which was adjusted to an independent estimate. Due to time constraints, only those building permits issued more than 7 months before the survey ended were eligible to be sampled to represent conventional new construction in permit-issuing areas for this metropolitan area. However, those permits issued during the last 7 months of the survey do not necessarily represent missed housing units. Due to the relatively short time span involved, it is possible that construction of these housing units was not completed at the time the survey was conducted, in which case, they would not have been eligible for interview. In addition to these deficiencies, new construction in special places that do not require building permits, such as military bases, is not adequately presented.

AHS misses a significant portion of new mobile homes (i.e., those placed after January 1, 1980). It is believed that most of the difference is due to poor coverage of new mobile home parks in address ED's. The AHS-National survey estimates that as much as 25 percent of new mobile homes are missed due to poor coverage. Note that the mobile home ratio estimation procedure used in the Phoenix, AZ, MSA was an attempt to correct for this deficiency.

Deficiencies also exist in ED's where area sampling methods are used. It had been assumed that all housing units located inside these ED's would be represented in the sample. However, it has been established that the AHS sample missed as much as 2 percent of all housing units in these ED's because they were not listed during the canvassing. It should be noted that since these ED's were recanvassed each time this metropolitan area was surveyed, the number of missed housing units may be considerably less for the 1985 survey.

The final ratio estimation procedure corrects for these deficiencies as far as the count of total housing is concerned (i.e., it adjusts to the best available estimate). However, biases of subtotals would still remain.

Rounding Errors. For errors associated with processing, rounding of estimates introduces another source of error in the data, the severity of which depends upon the statistics being measured. The effect of rounding is significant relative to the sampling error only for small percentages or small medians, when these figures are derived from relatively large bases (e.g., median number of persons per household). This means that confidence intervals formed from the standard errors given may be distorted, and this should be taken into account when considering the results of the survey.

Sampling Errors for the AHS Combined Sample Estimates. The particular sample used for this survey is one of a large number of possible samples of the same size that could have been selected using the same sample design. Even if the same questionnaires, instructions, and

interviewers were used, estimates from each of the different samples would differ from one another. The sampling error of a survey estimate provides a measure of the variation among the estimates from all possible samples, and thus is a measure of the precision with which an estimate from a sample approximates the average result of all possible samples.

One common measure of the sampling error is the standard error. As calculated for this report, the standard error reflects the variation in the estimates due to sampling and nonsampling errors, but it does not measure as such any systematic biases in the data. Therefore, the accuracy of the estimates depends upon the standard error, biases, and any additional nonsampling errors not measured by the standard error. The sample estimate and its estimated standard error enable one to construct interval estimates in which the interval includes the average result of all possible samples with a known probability. For example, if all possible samples were selected, each of these surveyed under essentially the same general conditions, and an estimate and its estimated standard error were calculated from each sample, then:

Approximately 90 percent of the intervals from 1.6 standard errors below the estimate to 1.6 standard errors above the estimate would include the average result of all possible samples.

The average result of all possible samples either is or is not contained in any particular computed interval. However, for a particular sample, one can say with specified confidence that the average result of all possible samples is included in the constructed interval.

The figures presented in the tables that follow (see page App-68) are approximations to the standard errors of various estimates shown in this report for this metropolitan area. In order to derive standard errors that would be applicable to a wide variety of items and also could be prepared at a moderate cost, a number of approximations were required. As a result, the tables of standard errors provide an indication of the order of magnitude of the standard errors rather than precise standard errors for any specific item.

Table I presents the standard errors applicable to estimates of characteristics of the 1985 housing inventory. Linear interpolation should be used to determine the standard errors for estimates not specifically shown in this table.

The reliability of an estimated percentage, computed by using the sample data for both numerator and denominator, depends upon both the size of the percentage and the size of the total upon which the percentage is based. Estimated percentages are relatively more reliable than the corresponding estimates of the numerators of the percentages, particularly if the percentages are 50 percent or more.

Table II presents the standard errors of estimated percentages for the 1985 housing inventory. Two-way interpolation should be used to determine standard errors for estimated percentages not specifically shown in table II.

Included in tables I and II are estimates of standard errors for estimates of zero and zero percent. These estimates of standard errors are considered as overestimates of the true standard errors and should be used primarily for construction of confidence intervals for characteristics when estimates of zero are obtained.

For ratios, 100 (x/y), where x is not a subclass of y, table I underestimates the standard error of the ratio when there is little or no correlation between x and y. For this type of ratio, a better approximation of the standard error may be obtained by letting the standard error of the ratio be approximately equal to:

$$(100) \frac{x}{y} \sqrt{\left(\frac{s_x}{x}\right)^2 + \left(\frac{s_y}{y}\right)^2}$$

where: x = the numerator of the ratio
 y = the denominator of the ratio
 s_x = the standard error of the numerator
 s_y = the standard error of the denominator

Illustration of the Use of the Standard Error Tables.

Table 2-1 of this report shows that in the Minneapolis-St. Paul, MN-WI, metropolitan area there were 578,800 owner-occupied housing units. Interpolation using table I of this appendix shows that the standard error of an estimate of this size is approximately 8,130. The following interpolation procedure was used. The information presented in the following table was extracted from table I. The entry for "x" is the one sought.

Size of estimate	Standard error
500,000	8,450
578,800	x
600,000	8,040

The entry for "x" is determined as follows by vertically interpolating between 8,450 and 8,040.

$$\begin{aligned} & 578,800 - 500,000 = 78,800 \\ & 600,000 - 500,000 = 100,000 \\ & 8,450 + \frac{78,800}{100,000} (8,040 - 8,450) = 8,130 \end{aligned}$$

Consequently, the 90-percent confidence interval, as shown by these data, is from 565,790 to 591,810 housing units. Therefore, a conclusion that the average estimate, derived from all possible samples, of 1985 owner-occupied housing units lies within a range computed in this way would be correct for roughly 90 percent of all possible samples.

Table 2-3 also shows that of the 578,800 owner-occupied housing units, 161,600 or 27.9 percent had two bedrooms. Interpolation using table II of this appendix (i.e., interpolation on both the base and percent) shows that the standard error of the 27.9 percent is approximately 0.9 percentage points. The following interpolation procedure was used.

The information presented in the following table was extracted from table II.

Base of percentage	Estimated percentage		
	25 or 75	27.9	50
500,000	1.0	a	1.1
578,800		p	
600,000	0.9	b	1.0

1. The entry for cell "a" is determined by horizontal interpolation between 1.0 and 1.1.

$$\begin{aligned} 27.9 - 25.0 &= 2.9 \\ 50.0 - 25.0 &= 25.0 \end{aligned}$$

$$1.0 + \frac{2.9}{25.0} (1.1 - 1.0) = 1.0$$

2. The entry for cell "b" is determined by horizontal interpolation between 0.9 and 1.0.

$$\begin{aligned} 27.9 - 25.0 &= 2.9 \\ 50.0 - 25.0 &= 25.0 \end{aligned}$$

$$0.9 + \frac{2.9}{25.0} (1.0 - 0.9) = 0.9$$

3. The entry for "p" is then determined by vertical interpolation between 1.0 and 0.9

$$\begin{aligned} 578,800 - 500,000 &= 78,800 \\ 600,000 - 500,000 &= 100,000 \end{aligned}$$

$$1.0 + \frac{78,800}{100,000} (0.9 - 1.0) = 0.9$$

Applying a factor of 1.1 according to the footnote from table II gives a standard error of 1.0 percentage points. Consequently, the 90-percent confidence interval, as shown by these data, is from 26.3 to 29.5 percent.

Differences. The standard errors shown are not directly applicable to differences between two sample estimates. The standard error of a difference between estimates is approximately equal to the square root of the sum of the squares of the standard error of each estimate considered separately. This formula is quite accurate for the difference between estimates of the same characteristics in two different metropolitan areas or the difference between separate and uncorrelated characteristics in the same metropolitan area. If there is a high positive correlation

between the two characteristics, the formula will overestimate the true standard error; but if there is a high negative correlation, the formula will underestimate the true standard error.

Illustration of the Computation of the Standard Error of a Difference. Table 2-3 of this report shows that in the Minneapolis-St. Paul, MN-WI, metropolitan area, there were 251,900 owner-occupied housing units with three bedrooms. Thus, the apparent difference, as shown by these data, between owner-occupied housing units with two bedrooms and owner-occupied housing units with three bedrooms is 90,300. Table 1 shows that the standard error of 251,900 is approximately 7,610 and the standard error of 161,600 is approximately 6,480. Therefore, the standard error of the estimated difference of 90,300 is about 10,000.

$$10,000 = \sqrt{(7,610)^2 + (6,480)^2}$$

Consequently, the 90-percent confidence interval for the 90,300 difference is from 74,300 to 106,300 housing units. Therefore, a conclusion that the average estimate derived from all possible samples, of this difference, lies within a range computed in this way would be correct for roughly 90 percent of all possible samples. Thus, we can conclude with 90-percent confidence that the number of 1985 owner-occupied housing units with three bedrooms is greater than the number of owner-occupied units with two bedrooms since the 90-percent confidence interval does not include zero or negative values.

Medians. For medians presented in certain tables, the sampling error depends on the size of the base and on the distribution upon which the median is based. An approximate method for measuring the reliability of the estimated median is to determine an interval about the estimated median so that there is a stated degree of confidence that the average median from all possible samples lies within the interval. The following procedure may be used to estimate confidence limits of a median based on sample data:

1. From table II, determine the standard error of a 50-percent characteristic on the base of the median.
2. Add to and subtract from 50 percent, the standard error determined in step 1.
3. Using the distribution of the characteristics, determine the confidence interval corresponding to the two points established in step 2. To find the lower endpoint of the confidence interval, it is necessary to know into which

interval of the distribution the lower percentage limit falls. Similarly, to find the upper endpoint of the confidence interval, it is necessary to know into which interval of the distribution the upper percentage limit falls. Note that these distribution intervals could be different, although this will not happen very often.

A 1.6 standard-error confidence interval may be determined by finding the values corresponding to 50 percent plus and minus 1.6 times the standard error determined in step 1. For about 90 out of 100 possible samples, the average median from all possible samples would lie between these two values.

Illustration of the Computation of the 90-Percent Confidence Interval of a Median. Table 2-9 of this report shows the median number of persons for owner-occupied housing units is 2.6. The base of the distribution from which this median was determined is 578,800 housing units.

1. Interpolation using table II and the applied factor shows that the standard error of 50 percent on a base of 578,800 is approximately 1.1 percentage points.
2. To obtain a 90-percent confidence interval on the estimated median, initially add to and subtract from 50 percent 1.6 times the standard error determined in step 1. This yields percentage limits of 48.2 and 51.8.
3. From the distribution for "persons" in table 2-9, the interval for owner-occupied housing units with two persons (for purposes of calculating the median, the category of two persons is considered to be from 1.5 to 2.5 persons) contains the 48.2 percent derived in step 2. About 93,600 housing units or 16.2 percent fall below this interval, and 189,100 housing units or 32.7 percent fall within this interval. By linear interpolation, the lower limit of the 90-percent confidence interval is found to be about 2.5.

$$1.5 + (2.5 - 1.5) \frac{48.2 - 16.2}{32.7} = 2.5$$

Similarly, the interval for owner-occupied housing units with three persons contains the 51.8 percent derived in step 2. About 282,700 housing units or 48.8 percent fall below this interval, and 102,400 housing units or 17.7 percent fall within this interval. The upper limit of the 90-percent confidence interval is found to be about 2.7.

$$2.5 + (3.5 - 2.5) \frac{51.8 - 48.8}{17.7} = 2.7$$

Thus, the 90-percent confidence interval ranges from 2.5 to 2.7 persons.

Table I. Standard Errors for Estimated Number of Housing Units in the 1985 Minneapolis-St Paul, MN-WI, MSA

Size of estimate	Standard error ¹		
	Combined owner and renter housing units ²	Owner housing units ³	Renter housing units ⁴
0.....	270	320	250
100.....	270	320	250
200.....	270	320	250
500.....	370	400	350
700.....	430	470	410
1,000.....	520	560	500
2,500.....	820	890	780
5,000.....	1,160	1,260	1,110
10,000.....	1,630	1,770	1,560
25,000.....	2,560	2,780	2,440
50,000.....	3,560	3,880	3,410
75,000.....	4,300	4,680	4,110
100,000.....	4,890	5,320	4,680
150,000.....	5,800	6,310	5,550
200,000.....	6,470	7,040	6,190
250,000.....	6,980	7,590	6,670
300,000.....	7,350	7,990	7,030
400,000.....	7,750	8,440	7,420
500,000.....	7,770	8,450	-
600,000.....	7,400	8,040	-
700,000.....	6,560	7,140	-
800,000.....	5,060	-	-
900,000.....	1,460	-	-
908,000.....	-	-	-

¹To compute standard errors for new construction estimates, the standard errors in the table should be multiplied by a factor of 1.0 for owner housing units, 1.1 for renter housing units, and 1.1 for the combined owner and renter housing units.

²Some examples that pertain to both owner and renter housing units are: total housing units; all occupied housing units; all year-round housing units; mobile homes or trailers; and total vacant housing units.

³The owner housing units pertain to owner-occupied housing units and vacant housing units excluding vacant-for-rent housing units.

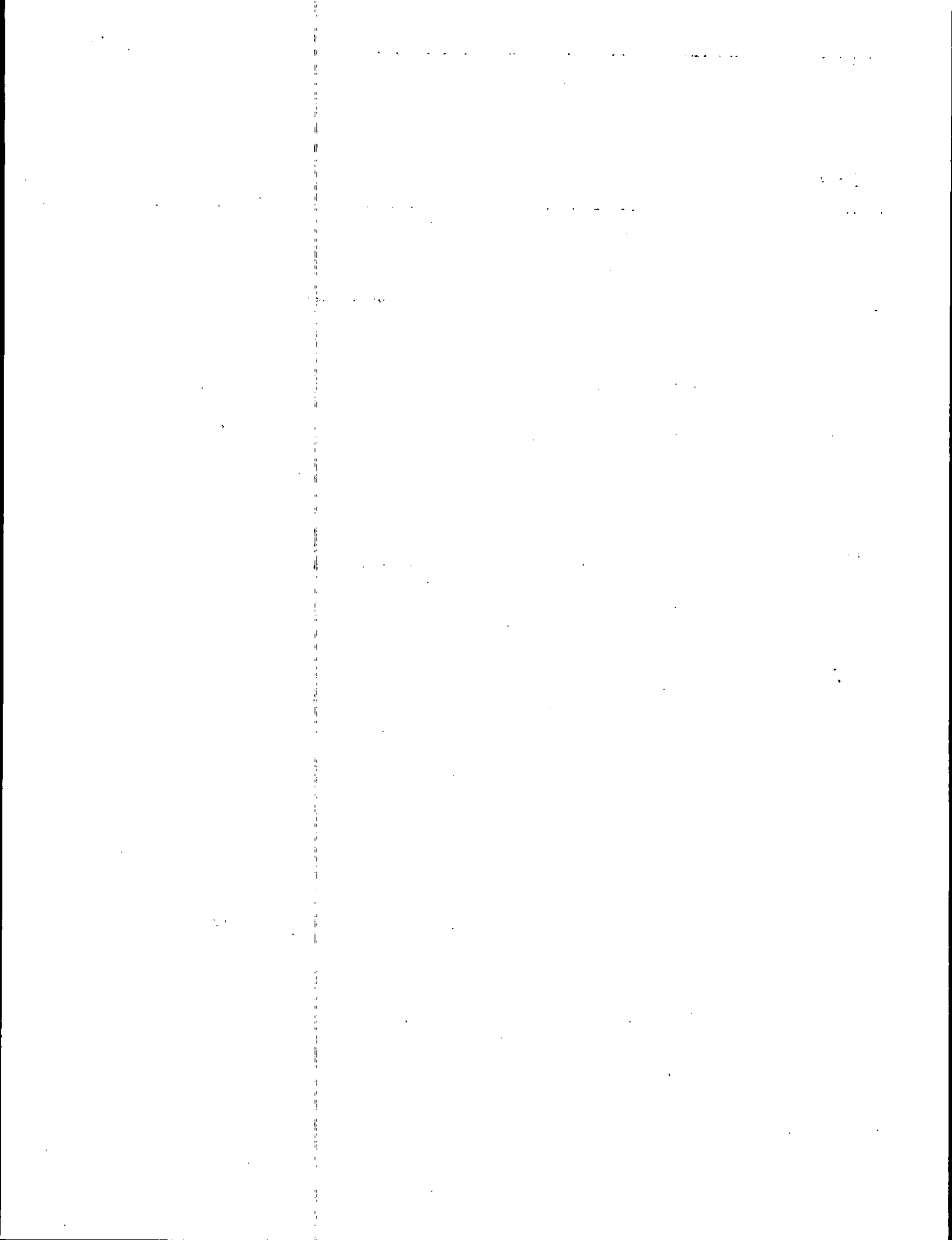
⁴The renter housing units pertain to renter-occupied housing units and vacant-for-rent housing units.

Table II. Standard Errors for Estimated Percentages of Housing Units in the 1985 Housing Inventory of the Minneapolis-St. Paul, MN-WI, MSA

Base of percentage	Estimated percentage ¹					
	0 or 100	1 or 99	5 or 95	10 or 90	25 or 75	50
200	55.1	55.1	55.1	55.1	55.1	55.4
500	33.0	33.0	33.0	33.0	33.0	35.1
700	26.0	26.0	26.0	26.0	26.0	29.6
1,000	19.7	19.7	19.7	19.7	19.7	24.8
2,500	9.0	9.0	9.0	9.4	13.6	15.7
5,000	4.7	4.7	4.8	6.7	9.6	11.1
10,000	2.4	2.4	3.4	4.7	6.8	7.8
25,000	1.0	1.0	2.2	3.0	4.3	5.0
50,000	0.5	0.7	1.5	2.1	3.0	3.5
75,000	0.3	0.6	1.2	1.7	2.5	2.9
100,000	0.2	0.5	1.1	1.5	2.1	2.5
150,000	0.2	0.4	0.9	1.2	1.8	2.0
200,000	0.12	0.3	0.8	1.1	1.5	1.8
250,000	0.10	0.3	0.7	0.9	1.4	1.6
300,000	0.08	0.3	0.6	0.9	1.2	1.4
400,000	0.06	0.2	0.5	0.7	1.1	1.2
500,000	0.05	0.2	0.5	0.7	1.0	1.1
600,000	0.04	0.2	0.4	0.6	0.9	1.0
700,000	0.04	0.2	0.4	0.6	0.8	0.9
800,000	0.03	0.2	0.4	0.5	0.8	0.9
900,000	0.03	0.2	0.4	0.5	0.7	0.8
1,000,000	0.02	0.2	0.3	0.5	0.7	0.8

¹Standard errors are presented to the nearest one-tenth of one percentage point except when the standard error is less than or equal to fifteen-hundredths of one percentage point; in those cases, the standard error is shown to the nearest one-hundredth of one percentage point. For estimates pertaining to new construction, the standard errors shown in the table should be multiplied by a factor of 1.1.

The following factors should be applied to estimates that do not pertain strictly to new construction. For estimates pertaining to both owners and renters, apply a factor of 1.0. For estimates pertaining to owner housing units, apply a factor of 1.1. For estimates pertaining to renter housing units, apply a factor of 1.0.



Index

	Chapter-Table		Chapter-Table
A		C—Continued	
Air Conditioning	1-4 2-4 3-4 4-4 5-4 6-4	Clothes dryer	1-4 2-4, 2-5 3-4, 3-5 4-4, 4-5 5-4, 5-5 6-4, 6-5
B		Commercial establishment.....	1-7 3-14 5-14 6-14
Basement	1-2 2-2 3-2 4-2 5-2 6-2	Condominiums and cooperatives:	
Bathrooms.....	1-3 2-3, 2-17, 2-18, 2-20, 2-21 3-3, 3-17, 3-18, 3-20, 3-21, 3-22 4-3, 4-17, 4-18, 4-20, 4-21 5-3, 5-17, 5-18, 5-20, 5-21, 5-22 6-3, 6-17, 6-18, 6-20, 6-21, 6-22	Fee	1-7 2-13 3-13 5-13 6-13
Bedrooms	1-3 2-3, 2-17, 2-18, 2-20, 2-21 3-3, 3-17, 3-18, 3-20, 3-21, 3-22 4-3, 4-17, 4-18, 4-20, 4-21 5-3, 5-17, 5-18, 5-20, 5-21, 5-22 6-3, 6-17, 6-18, 6-20, 6-21, 6-22	Number	1-1 2-1 3-1 4-1 5-1 6-1
Broken plaster or peeling paint (interior)	1-6 2-7 3-7 4-7 5-7 6-7	D	
Burners.....	1-4 2-4 3-4 4-4 5-4 6-4	Dining room, separate.....	1-6 2-7 3-7 4-7 5-7 6-7
C		Dishwasher.....	1-4 2-4 3-4 4-4 5-4 6-4
Cars and trucks available.....	2-7 3-7 4-7 5-7 6-7		

D—Continued

Chapter-Table

Disposal in sink 1-4
 2-4
 3-4
 4-4
 5-4
 Down payment, major source of... 3-14
 5-14
 6-14
 Duration of vacancy..... 1-1

E

Electric fuses and circuit breakers 2-6
 3-6
 4-6
 5-6
 6-6
 Electric outlets, rooms without 1-6
 2-7
 3-7
 4-7
 5-7
 6-7
 Electric wiring:
 Exposed..... 1-6
 2-7
 3-7
 4-7
 5-7
 6-7
 Lack of..... 1-6
 2-7
 3-7
 4-7
 5-7
 6-7
 Elevator on floor..... 1-2
 2-2
 3-2
 4-2
 5-2
 6-2
 External walls, condition of 1-2
 2-2
 3-2
 4-2
 5-2
 6-2

Chapter-Table

F

Fireplace 1-6
 2-7
 3-7
 4-7
 5-7
 6-7
 First-time owners 3-14
 5-14
 6-14
 Floors, holes in..... 1-6
 2-7
 3-7
 4-7
 5-7
 6-7
 Flush toilets:
 Breakdowns 2-6
 3-6
 4-6
 5-6
 6-6
 Lacking..... 1-4
 2-4
 3-4
 4-4
 5-4
 6-4
 Foundation:
 Condition 1-2
 2-2
 3-2
 4-2
 5-2
 6-2
 Type 1-2
 2-2
 3-2
 4-2
 5-2
 6-2
 Fuel:
 Central air conditioning..... 1-5
 2-5
 3-5
 4-5
 5-5
 6-5
 Clothes dryer 1-5
 2-5
 3-5
 4-5
 5-5
 6-5

	Chapter-Table
F—Continued	
Fuel—Continued	
Cooking	1-5
	2-5, 2-20, 2-21
	3-5, 3-20, 3-21, 3-22
	4-5, 4-20, 4-21
	5-5, 5-20, 5-21, 5-22
	6-5, 6-20, 6-21, 6-22
Main house heating	1-5
	2-5, 2-20, 2-21
	3-5, 3-20, 3-21, 3-22
	4-5, 4-20, 4-21
	5-5, 5-20, 5-21, 5-22
	6-5, 6-20, 6-21, 6-22
Other house heating	1-5
	2-5
	3-5
	4-5
	5-5
	6-5
Units using each type	1-5
	2-5
	3-5
	4-5
	5-5
	6-5
Water heating	1-5
	2-5
	3-5
	4-5
	5-5
	6-5
G	
Garage or carport	1-6
	2-7
	3-7
	4-7
	5-7
	6-7
H	
Heating equipment:	
Breakdowns	2-6
	3-6
	4-6
	5-6
	6-6
Main	1-4
	2-4, 2-20, 2-21
	3-4, 3-20, 3-21, 3-22
	4-4, 4-20, 4-21
	5-4, 5-20, 5-21, 5-22
	6-4, 6-20, 6-21, 6-22

	Chapter-Table
H—Continued	
Heating equipment—Continued	
Other	1-4
	2-4
	3-4
	4-4
	5-4
	6-4
Heating problems:	
Equipment breakdowns	2-6
	3-6
	4-6
	5-6
	6-6
Other causes	2-6
	3-6
	4-6
	5-6
	6-6
Holes:	
In floors	1-6
	2-7
	3-7
	4-7
	5-7
	6-7
In roof	1-2
	2-2
	3-2
	4-2
	5-2
	6-2
Open cracks (interior)	1-6
	2-7
	3-7
	4-7
	5-7
	6-7
Homeowners, first-time	3-14
	5-14
	6-14
Home search	2-11
	3-11
	4-11
	5-11
	6-11
Households and Householders:	
Adults and single children under 18 years of age	2-9
	3-9
	4-9
	5-9
	6-9

	Chapter-Table		Chapter-Table
H—Continued		H—Continued	
Households and House- holders—Continued		Households and House- holders—Continued	
Age of householder.....	2-9 3-9 4-9 5-9 6-9	Years of school completed	2-9 3-9 4-9 5-9 6-9
Household composition	2-9, 2-20, 2-21 3-9, 3-20, 3-21, 3-22 4-9, 4-20, 4-21 5-9, 5-20, 5-21, 5-22 6-9, 6-20, 6-21, 6-22	Housing costs:	
Household moves and forma- tion after 1979	2-9 3-9 4-9 5-9 6-9	Annual taxes paid per \$1,000 value.....	1-7 2-13 3-13 4-13 5-13 6-13
Household moves and forma- tion in last year.....	2-9 3-9 4-9 5-9 6-9	Condominium and cooperative fee.....	1-7 2-13 3-13 4-13 5-13 6-13
Number of single children under 18 years old.....	2-9 3-9 4-9 5-9 6-9	Cost and ownership sharing	2-13 3-13 5-13 6-13
Own never married children under 18 years old.....	2-9, 2-20, 2-21 3-9, 3-20, 3-21, 3-22 4-9, 4-20, 4-21 5-9, 5-20, 5-21, 5-22 6-9, 6-20, 6-21, 6-22	Electricity.....	2-13 3-13 4-13 5-13 6-13
Persons other than spouse or children	2-9 3-9 4-9 5-9 6-9	Fuel oil	2-13 3-13 4-13 5-13 6-13
Persons 65 years old and over ..	2-9 3-9 4-9 5-9 6-9	Piped gas.....	2-13 3-13 4-13 5-13 6-13
Year householder moved into unit	2-9 3-9 4-9 5-9 6-9	Maintenance in last year, routine	2-13 3-13 5-13 6-13
		Monthly costs	1-7 2-13, 2-17, 2-18, 2-19, 2-20, 2-21 3-13, 3-17, 3-18, 3-19, 3-20, 3-21, 3-22 4-13, 4-17, 4-18, 4-19, 4-20, 4-21 5-13, 5-17, 5-18, 5-19, 5-20, 5-21, 5-22 6-13, 6-17, 6-18, 6-19, 6-20, 6-21, 6-22

	Chapter-Table
H—Continued	
Housing Costs:—Continued	
Monthly costs as a percentage of income.....	2-13, 2-19, 2-20 3-13, 3-19, 3-20, 3-22 4-13, 4-19, 4-20 5-13, 5-19, 5-20, 5-22 6-13, 6-19, 6-20, 6-22
Other housing costs per month.....	1-7 2-13 3-13 5-13 6-13
Principal and interest.....	2-13, 2-19, 2-20, 2-21 3-13, 3-19, 3-20, 3-21, 3-22 5-13, 5-19, 5-20, 5-21, 5-22 6-13, 6-19, 6-20, 6-21, 6-22
Property insurance.....	2-13 3-13 4-13 5-13 6-13
Real estate taxes.....	1-7 2-13, 2-19, 2-20, 2-21 3-13, 3-19, 3-20, 3-21, 3-22 5-13, 5-19, 5-20, 5-21, 5-22 6-13, 6-19, 6-20, 6-21, 6-22
Rent paid by lodgers.....	2-13 3-13 4-13 5-13 6-13
Selected utilities and fuels.....	2-13 3-13 4-13 5-13 6-13
I	
Income Characteristics:	
Amount of savings and investments.....	2-12 3-12 4-12 5-12 6-12
Food stamps.....	2-12 3-12 4-12 5-12 6-12

	Chapter-Table
I—Continued	
Income Characteristics:—Continued	
Household income.....	2-12 3-12 4-12 5-12 6-12
As a percent of poverty level.....	2-12 3-12 4-12 5-12 6-12
Income of families and primary individuals.....	2-12, 2-17, 2-18, 2-19, 2-20, 2-21 3-12, 3-17, 3-18, 3-19, 3-20, 3-21, 3-22 4-12, 4-17, 4-18, 4-19, 4-20, 4-21 5-12, 5-17, 5-18, 5-19, 5-20, 5-21, 5-22 6-12, 6-17, 6-18, 6-19, 6-20, 6-21, 6-22
Income sources of families and primary individuals.....	2-12 3-12 4-12 5-12 6-12
Rent reductions.....	1-7 2-12, 2-20, 2-21 4-12, 4-20, 4-21 5-12, 5-20, 5-21 6-12, 6-20, 6-21
K	
Kitchen facilities, complete.....	1-4 2-4 3-4 4-4 5-4 6-4
L	
Light fixtures in public halls.....	1-2 2-2 3-2 4-2 5-2 6-2
Lot size.....	1-3 2-3, 2-17, 2-18 3-3, 3-17, 3-18 4-3, 4-17, 4-18 5-3, 5-17, 5-18 6-3, 6-17, 6-18

L—Continued

Chapter-Table

Living rooms or recreation rooms 1-6
 2-7
 3-7
 5-7
 6-7

M

Medical or dental office 1-7
 3-14
 5-14
 6-14

Mobile home:
 Number 1-6
 2-8
 3-8
 4-8
 5-8
 6-8

Park fee paid 1-7
 3-13
 5-13
 6-13

Mortgage:
 Current interest rate 3-15
 5-15
 6-15

Current total loan as percent of value 3-15
 5-15
 6-15

Items included in primary mortgage payment 3-15
 5-15
 6-15

Lenders of primary and secondary mortgages 2-19
 3-15, 3-19
 5-15, 5-19
 6-15, 6-19

Monthly payment for principal and interest 2-13, 2-19, 2-20, 2-21
 3-13, 3-19, 3-20, 3-21, 3-22
 5-13, 5-19, 5-20, 5-21, 5-22
 6-13, 6-19, 6-20, 6-21, 6-22

Number of current mortgages ... 3-15
 5-15
 6-15

M—Continued

Chapter-Table

Mortgage:—Continued

Origination 2-19
 3-15, 3-19
 5-15, 5-19
 6-15, 6-19

Payment plan of primary mortgage 2-19
 3-15, 3-19
 5-15, 5-19
 6-15, 6-19

Payment plan of secondary mortgage 2-19
 3-15, 3-19
 5-15, 5-19
 6-15, 6-19

Remaining years mortgaged ... 3-15
 5-15
 6-15

State and local mortgage 3-15
 5-15
 6-15

Term of primary mortgage at origination or assumption 3-15
 5-15
 6-15

Total outstanding principal amount 3-15
 5-15
 6-15

Type of primary mortgage 2-19
 3-15, 3-19
 5-15, 5-19

Year primary mortgage originated 3-15
 5-15
 6-15

N

Neighborhood:

Age of other residential buildings within 300 feet 1-6
 2-8
 3-8
 4-8
 5-8
 6-8

Bars on windows of buildings ... 1-6
 2-8
 3-8
 4-8
 5-8
 6-8

N-Continued Neighborhood:—Continued	Chapter-Table	O	Chapter-Table
Conditions	2-8 3-8 4-8 5-8 6-8	Opinion of structure	2-7 3-7 4-7 5-7 6-7
Condition of streets	1-6 2-8 3-8 4-8 5-8 6-8	Oven	1-4 2-4 3-4 4-4 5-4 6-4
Description of area within 300 feet	1-6 2-8 3-8 4-8 5-8 6-8	Owner or manager on property	1-6 2-7 4-7 5-7 6-7
Mobile homes in group	1-6 2-8 3-8 4-8 5-8 6-8	Other activities on property	1-7 3-14 5-14 6-14
Opinion of neighborhood	2-8 3-8 4-8 5-8 6-8	P	
Other buildings vandalized or with interior exposed	1-6 2-8 3-8 4-8 5-8 6-8	Parking off street	2-7 3-7 4-7 5-7 6-7
Neighborhood search	2-11 3-11 4-11 5-11 6-11	Permanent residence	1-1
Trash, litter, or junk on streets or any properties	1-6 2-8 3-8 4-8 5-8 6-8	Persons:	
		Number	2-9, 2-17, 2-18, 2-20, 2-21 3-9, 3-17, 3-18, 3-20, 3-21, 3-22 4-9, 4-17, 4-18, 4-20, 4-21, 5-9, 5-17, 5-18, 5-20, 5-21, 5-22 6-9, 6-17, 6-18, 6-20, 6-21, 6-22
		Per room	2-3 3-3 4-3 5-3 6-3
		Physical problems of structure	2-7 3-7 4-7 5-7 6-7

Chapter-Table	Chapter-Table
P—Continued	P—continued
Plumbing 1-4	Tenure 2-10
2-4	3-10
3-4	4-10
4-4	5-10
5-4	6-10
6-4	Purchased price 2-20, 2-21
Porch, deck, balcony or patio 1-6	3-14, 3-20, 3-21, 3-22
2-7	5-14, 5-20, 5-21, 5-22
3-7	6-14, 6-20, 6-21, 6-22
4-7	R
5-7	Race and origin 2-1
6-7	3-1
Previous occupancy 2-2	4-1
3-2	5-1
4-2	6-1
5-2	Rats, signs of 2-7
6-2	3-7
Previous unit of recent movers:	4-7
Change in housing costs 2-10	5-7
3-10	6-7
4-10	Recent mover:
5-10	Choice of present home 2-11
6-10	3-11
Location 2-10	4-11
3-10	5-11
4-10	6-11
5-10	Choice of present
6-10	neighborhood 2-11
Owned or rented by someone	3-11
who moved here 2-10	4-11
3-10	5-11
4-10	6-11
5-10	Comparison to previous home .. 2-11
6-10	3-11
Persons, number 2-10	4-11
3-10	5-11
4-10	6-11
5-10	Comparison to previous
6-10	neighborhood 2-11
Reasons for leaving 2-11	3-11
3-11	4-11
4-11	5-11
5-11	6-11
6-11	Home search 2-11
Structure type 2-10	3-11
3-10	4-11
4-10	5-11
5-10	6-11
6-10	Neighborhood search 2-11
	3-11
	4-11
	5-11
	6-11

R—Continued	Chapter-Table
Previous unit	2-10 3-10 4-10 5-10 6-10
Reasons for leaving previous unit	2-11 3-11 4-11 5-11 6-11
Refrigerator	1-4 2-4 3-4 4-4 5-4 6-4
Renovations:	
Government subsidy for repairs	3-16 5-16 6-16
Repairs, improvements, alterations in last 2 years	3-16 5-16 6-16
Roof, condition of	1-2 2-2 3-2 4-2 5-2 6-2
Rooms	1-3 2-3, 2-17, 2-18, 2-20, 2-21 3-3, 3-17, 3-18, 3-20, 3-21, 3-22 4-3, 4-17, 4-18, 4-20, 4-21, 4-22 5-3, 5-17, 5-18, 5-20, 5-21, 5-22 6-3, 6-17, 6-18, 6-20, 6-21, 6-22
S	
Selected amenities	1-6 2-7 3-7 4-7 5-7 6-7
Selected deficiencies	1-6 2-7 3-7 4-7 5-7 6-7

S—Continued	Chapter-Table
Selected geographic areas	2-1
Sewage disposal:	
Breakdowns	2-6 3-6 4-6 5-6 6-6
Means of	1-4 2-4, 2-20, 2-21 3-4, 3-20, 3-21, 3-22 4-4, 4-20, 4-21, 4-22 5-4, 5-20, 5-21, 5-22 6-4, 6-20, 6-21, 6-22
Sink	1-4 2-4 3-4 4-4 5-4 6-4
Site placement	1-2 2-2 3-2 4-2 5-2 6-2
Source of water	1-4 2-4, 2-20, 2-21 3-4, 3-20, 3-21, 3-22 4-4, 4-20, 4-21 5-4, 5-20, 5-21, 5-22 6-4, 6-20, 6-21, 6-22
Square footage:	
Of unit	1-3 2-3, 2-18 3-3, 3-18 4-3, 4-18 5-3, 5-18 6-3, 6-18
Per person	2-3 3-3 4-3 5-3 6-3
Stairways, common	1-2 2-2 3-2 4-2 5-2 6-2

S—Continued

	Chapter-Table
Statistical areas	1-1
	2-1
	3-1
	4-1
	5-1
	6-1
Stories:	
Between main and apartment entrances	1-2
	2-2
	3-2
	4-2
	5-2
	6-2
In structure	1-2
	2-2
	3-2
	4-2
	5-2
	6-2
Streets, condition of	2-8
	3-8
	4-8
	5-8
	6-8
Suitability for year-round use	1-1

T

Telephone available	2-7
	3-7
	4-7
	5-7
	6-7
Tenure	2-1
	3-1
	4-1
	5-1
	6-1

U

Units in structure	1-1
	2-1, 2-20, 2-21,
	3-1, 3-20, 3-21, 3-22
	4-1, 4-20; 4-21
	5-1, 5-20, 5-21, 5-22
	6-1, 6-20, 6-21, 6-22

V

Vacancy, duration of	1-1
Value	1-7
	2-17, 2-18, 2-19, 2-20, 2-21
	3-14, 3-17, 3-18, 3-19, 3-20,
	3-21, 3-22
	5-14, 5-17, 5-18, 5-19, 5-20,
	5-21, 5-22
	6-14, 6-17, 6-18, 6-19, 6-20,
	6-21, 6-22
Value-income ratio	2-19, 2-20, 2-21
	3-14, 3-19, 3-20, 3-21
	5-14, 5-19, 5-20, 5-21
	6-14, 6-19, 6-20, 6-21
Vandalized, other buildings	1-6
	2-8
	3-8
	4-8
	5-8
	6-8

W

Washing machine	1-4
	2-4
	3-4
	4-4
	5-4
	6-4
Water leakage	2-7
	3-7
	4-7
	5-7
	6-7
Water supply stoppage	2-6
	3-6
	4-6
	5-6
	6-6
Windows:	
External conditions of building (with sample unit)	1-2
	2-2
	3-2
	4-2
	5-2
	6-2
Bars on (other) buildings	1-6
	2-8
	3-8
	4-8
	5-8
	6-8

	Chapter-Table		Chapter-Table
Y		Year structure built	1-1
Year householder moved into unit.	2-9		2-1, 2-20, 2-21
	3-9		3-1, 3-20, 3-21, 3-22
	4-9		4-1, 4-20, 4-21
	5-9		5-1, 5-20, 5-21, 5-22
	6-9	Year unit acquired	6-1, 6-20, 6-21, 6-22
			3-14
			5-14
			6-14

Selected Subareas for Publication for 1985

BOSTON, MA-NH, CMSA

Boston City
Cambridge City
Brockton City

DALLAS, TX, PMSA

Dallas City
Balance of Dallas Co. (Exclude Dallas City)
Collin Co.

DETROIT, MI, PMSA

Detroit City
Balance of Wayne Co. (Exclude Detroit City)
Oakland Co.

FORT WORTH-ARLINGTON, TX, PMSA

Fort Worth City
Arlington City
Balance of Tarrant Co. (Exclude Fort Worth City and
Arlington City)

LOS ANGELES-LONG BEACH, CA, PMSA

Los Angeles City
Long Beach City
Balance of Los Angeles Co. (Exclude Los Angeles City
and Long Beach City)

MINNEAPOLIS-ST. PAUL, MN-WI, MSA

Minneapolis City
St. Paul City
Balance of Hennepin Co. (Exclude Minneapolis City)

PHILADELPHIA, PA-NJ, PMSA

Philadelphia City
Montgomery Co.
Delaware Co.

PHOENIX, AZ, MSA

Phoenix City
Mesa City
Balance of Maricopa Co. (Exclude Phoenix City and
Mesa City)

SAN FRANCISCO-OAKLAND, CA, AREA PMSA's

San Francisco City
Oakland City
Balance of Alameda Co. (Exclude Oakland City)

TAMPA-ST. PETERSBURG, FL, MSA

Tampa City
St. Petersburg City
Balance of Pinellas Co. (Exclude St. Petersburg City)

WASHINGTON, DC-MD-VA, MSA

District of Columbia
Prince George's Co., MD
Fairfax Co., VA

NOTE: With each Metropolitan area, subareas are listed in order of boxhead appearance from subarea 1 through subarea 3.