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Metropolitan Housing Characteristics

APPLETON-OSHKOSH, WIS.

STANDARD METROPOLITAN STATISTICAL AREA

1980 Census of Housing

Bureau of the Census
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1980 Census of Housing

VOLUME 2

Metropolitan Housing Characteristics

**APPLETON-
OSHKOSH, WIS.**

HC80-2-73

Issued November 1983



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BUREAU OF THE CENSUS
C. L. Kincannon, Acting Director

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BUREAU OF THE CENSUS
C. L. Kincannon, Acting Director

HOUSING DIVISION
Arthur F. Young, Chief

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5	Arkansas	45	Texas	81	Bakersfield, Calif.	118	Chattanooga, Tenn.-Ga.
6	California	46	Utah	82	Baltimore, Md.	119	Chicago, Ill.
7	Colorado	47	Vermont	83	Bangor, Maine	120	Chico, Calif.
8	Connecticut	48	Virginia	84	Baton Rouge, La.	121	Cincinnati, Ohio-Ky.-Ind.
9	Delaware	49	Washington	85	Battle Creek, Mich.	122	Clarksville-Hopkinsville, Tenn.-Ky.
10	Not assigned	50	West Virginia	86	Bay City, Mich.	123	Cleveland, Ohio
11	Florida	51	Wisconsin	87	Beaumont-Port Arthur- Orange, Tex.	124	Colorado Springs, Colo.
12	Georgia	52	Wyoming	88	Bellingham, Wash.	125	Columbia, Mo.
13	Hawaii	53	Puerto Rico	89	Benton Harbor, Mich.	126	Columbia, S.C.
14	Idaho	54	Not assigned	90	Billings, Mont.	127	Columbus, Ga.-Ala.
15	Illinois	55	Not assigned	91	Biloxi-Gulfport, Miss.	128	Columbus, Ohio
16	Indiana	56	Not assigned	92	Binghamton, N.Y.-Pa.	129	Corpus Christi, Tex.
17	Iowa	57	Not assigned	93	Birmingham, Ala.	130	Cumberland, Md.-W. Va.
18	Kansas	58	Abilene, Tex.	94	Bismarck, N. Dak.	131	Dallas-Fort Worth, Tex.
19	Kentucky	59	Akron, Ohio	95	Bloomington, Ind.	132	Danbury, Conn.
20	Louisiana	60	Albany, Ga.	96	Bloomington-Normal, Ill.	133	Danville, Va.
21	Maine	61	Albany-Schenectady- Troy, N.Y.	97	Boise City, Idaho	134	Davenport-Rock Island- Moline, Iowa-Ill.
22	Maryland	62	Albuquerque, N. Mex.	98	Boston, Mass.	135	Dayton, Ohio
23	Massachusetts	63	Alexandria, La.	99	Bradenton, Fla.	136	Daytona Beach, Fla.
24	Michigan	64	Allentown-Bethlehem-Easton, Pa.-N.J.	100	Bremerton, Wash.	137	Decatur, Ill.
25	Minnesota	65	Altoona, Pa.	101	Bridgeport, Conn.	138	Denver-Boulder, Colo.
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149	Eugene-Springfield, Oreg.	188	Iowa City, Iowa	228	Lowell, Mass.-N.H.		
150	Evansville, Ind.-Ky.	189	Jackson, Mich.	229	Lubbock, Tex.		
		190	Jackson, Miss.	230	Lynchburg, Va.	266	Northeast Pennsylvania
151	Fall River, Mass.-R.I.					267	Norwalk, Conn.
152	Fargo-Moorhead, N. Dak.- Minn.	191	Jacksonville, Fla.	231	Macon, Ga.	268	Ocala, Fla.
		192	Jacksonville, N.C.	232	Madison, Wis.	269	Odessa, Tex.
153	Fayetteville, N.C.	193	Janesville-Beloit, Wis.	233	Manchester, N.H.	270	Oklahoma City, Okla.
154	Fayetteville-Springdale, Ark.	194	Jersey City, N.J.	234	Mansfield, Ohio		
155	Fitchburg-Leominster, Mass.	195	Johnson City-Kingsport- Bristol, Tenn.-Va.	235	Mayagüez, P.R.	271	Olympia, Wash.
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159	Fort Collins, Colo.	199	Kankakee, Ill.				
160	Fort Lauderdale-Hollywood, Fla.	200	Kansas City, Mo.-Kans.	239	Memphis, Tenn.-Ark.- Miss.	276	Panama City, Fla.
		201	Kenosha, Wis.	240	Meriden, Conn.	277	Parkersburg-Marietta, W. Va.-Ohio
161	Fort Myers-Cape Coral, Fla.	202	Killeen-Temple, Tex.			278	Pascagoula-Moss Point, Miss.
162	Fort Smith, Ark.-Okla.	203	Knoxville, Tenn.	241	Miami, Fla.	279	Paterson-Clifton-Passaic, N.J.
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165	Fresno, Calif.			244	Minneapolis-St. Paul, Minn.-Wis.	281	Peoria, Ill.
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167	Gainesville, Fla.	208	Lake Charles, La.	246	Modesto, Calif.	284	Phoenix, Ariz.
168	Galveston-Texas City, Tex.	209	Lakeland-Winter Haven, Fla.	247	Monroe, La.	285	Pine Bluff, Ark.
169	Gary-Hammond-East Chicago, Ind.	210	Lancaster, Pa.	248	Montgomery, Ala.		
170	Glens Falls, N.Y.			249	Muncie, Ind.	286	Pittsburgh, Pa.
		211	Lansing-East Lansing, Mich.	250	Muskegon-Norton Shores- Muskegon Heights, Mich.	287	Pittsfield, Mass.
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		216	Lawrence-Haverhill, Mass.-N.H.	255	New Britain, Conn.	292	Poughkeepsie, N.Y.
176	Greensboro-Winston-Salem- High Point, N.C.	217	Lawton, Okla.	256	New Brunswick-Perth Amboy-Sayreville, N.J.	293	Providence-Warwick- Pawtucket, R.I.-Mass.
177	Greenville-Spartanburg, S.C.	218	Lewiston-Auburn, Maine			294	Provo-Orem, Utah
178	Hagerstown, Md.	219	Lexington-Fayette, Ky.	257	New Haven-West Haven, Conn.	295	Pueblo, Colo.
179	Hamilton-Middletown, Ohio	220	Lima, Ohio				
180	Harrisburg, Pa.	221	Lincoln, Nebr.	258	New London-Norwich, Conn.-R.I.	296	Racine, Wis.
		222	Little Rock-North Little Rock, Ark.	259	New Orleans, La.	297	Raleigh-Durham, N.C.
181	Hartford, Conn.	223	Long Branch-Asbury Park, N.J.	260	New York, N.Y.-N.J.	298	Reading, Pa.
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183	Honolulu, Hawaii	224	Longview-Marshall, Tex.	261	Newark, N.J.	300	Reno, Nev.
184	Houston, Tex.	225	Lorain-Elyria, Ohio	262	Newark, Ohio		
185	Huntington-Ashland, W. Va.-Ky.-Ohio			263	Newburgh-Middletown, N.Y.	301	Richland-Kennewick- Pasco, Wash.
		226	Los Angeles-Long Beach, Calif.	264	Newport News-Hampton, Va.	302	Richmond, Va.
186	Huntsville, Ala.					303	Riverside-San Bernardino- Ontario, Calif.

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305	Rochester, Minn.	324	Santa Barbara-Santa Maria-Lompoc, Calif.	344	Steubenville-Weirton, Ohio-W. Va.	363	Visalia-Tulare-Porterville, Calif.
306	Rochester, N.Y.	325	Santa Cruz, Calif.	345	Stockton, Calif.	364	Waco, Tex.
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309	Sacramento, Calif.	328	Savannah, Ga.	348	Tallahassee, Fla.	367	Waterloo-Cedar Falls, Iowa
310	Saginaw, Mich.	329	Seattle-Everett, Wash.	349	Tampa-St. Petersburg, Fla.	368	Wausau, Wis.
311	St. Cloud, Minn.	330	Sharon, Pa.	350	Terre Haute, Ind.	369	West Palm Beach-Boca Raton, Fla.
312	St. Joseph, Mo.	331	Sheboygan, Wis.	351	Texarkana, Tex.-Texarkana, Ark.	370	Wheeling, W. Va.-Ohio
313	St. Louis, Mo.-Ill.	332	Sherman-Denison, Tex.	352	Toledo, Ohio-Mich.	371	Wichita, Kans.
314	Salem, Oreg.	333	Shreveport, La.	353	Topeka, Kans.	372	Wichita Falls, Tex.
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319	San Antonio, Tex.	339	Springfield, Mo.	359	Utica-Rome, N.Y.	378	York, Pa.
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Introduction

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GENERAL

This report is part of the *Metropolitan Housing Characteristics* series and presents cross-tabulations of sample data on housing and household characteristics from the 1980 Census of Population and Housing. Legal provision for this census, which was conducted as of April 1, 1980, was made in the Act of Congress of August 31, 1954 (amended August 1957, December 1975, and October 1976), which codified Title 13, United States Code.

The content and procedures of the 1980 census were determined after evaluation of the results of the 1970 census, consultation with a wide variety of users of census data, and extensive field testing. A number of changes were introduced in 1980 to improve the usefulness of the census results. The changes do not, however, affect to any appreciable extent the comparability between the 1980 data and the 1970 data. Further information on comparability appears in Appendix B, "Definitions and Explanations of Subject Characteristics."

More detailed information on the technical and procedural matters covered in the text of this report can be obtained by writing to the Director, Bureau of the Census, Washington, D.C. 20233. Such information will also appear in other publications of the 1980 census.

The *Metropolitan Housing Characteristics* series consists of a United States

Summary report and individual reports for each of the 50 States, Puerto Rico, and each of the standard metropolitan statistical areas (SMSA's) in the United States and Puerto Rico. The abbreviated identification for this report is HC80-2 (i.e., Housing Census, 1980, Volume 2) followed by a number representing the State or SMSA.

In the SMSA reports, data are published for the following levels of geography: the SMSA, each central city, and each place of 50,000 or more population. In the State reports, data are shown for the State, that part of the State inside SMSA's, and inside central cities. In the United States Summary report, data are published for the United States total, inside SMSA's, and inside central cities, and for the four census regions, the region total, inside SMSA's, and inside central cities.

CONTENTS OF THE REPORT

This report contains text (this introduction and six appendixes), a table of contents, one or more maps, and a series of detailed tables. The detailed tables are organized to provide a set of 68 tables for each geographic area (State, SMSA, central city, etc.) covered in the report. As shown in the "Index of Tables" on page IX, the set of tables for each geographic area is identified with a unique letter (A, B, C, etc.) prefix in the table number. In the SMSA reports, the SMSA is presented first, followed by the sets of tables for the central cities and places, all in alphabetical order.

For each particular area, the 68 tables consist of: 13 tables for the area in its entirety, 44 tables for occupied housing units classified by the racial group of the householder, and 11 tables for occupied housing units with householders of Spanish origin. More specifically, tables

1 to 13 are for the entire State, SMSA, central city, or place; tables 14 to 24 are for housing units with a White householder; tables 25 to 35 are for units with a Black householder; tables 36 to 46 are for units with an American Indian, Eskimo, or Aleut householder; tables 47 to 57 are for units with an Asian or Pacific Islander householder; and tables 58 to 68 are for units with a Spanish origin householder.

The race and Spanish origin tables are presented for SMSA's and places only when certain population-size criteria are met. Tables 25 to 35 (Black); 36 to 46 (American Indian, Eskimo, and Aleut); and 47 to 57 (Asian and Pacific Islander) are presented only when the particular area's population contains 10,000 or more persons of the given racial group or when the persons in the given racial groups constitute 10 percent or more of the total population of the particular area. If any of these 3 sets of tables qualify to appear for an area, tables 14 to 24 (White) are also presented. The Spanish origin tables (58 to 68) are shown if there are 10,000 or more Spanish origin persons in the particular area or if such persons constitute 10 percent or more of the total population of the particular area.

Appearing last in the report are the appendixes. Appendix A describes the various area classifications (e.g., standard metropolitan statistical area, census designated place). Appendix B provides definitions and explanations for the subjects covered in this report. Appendix C briefly explains the residence rules used in counting the population and describes the data collection and processing procedures. Appendix D presents information on the sources of error in the data and on editing procedures. Appendix E contains facsimiles of the 1980 census questionnaire pages and respondent instructions. Appendix F summarizes the data dissemination program of the 1980 census.

DERIVED FIGURES (Means, Medians, and Percents)

This report presents means, medians, and percents, as well as certain rates and ratios. The median—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 are below the median and one-half of the cases are above the median. Percents and other derived measures which round to less than 0.1 are not shown but are indicated as zero (i.e., “—”).

Medians for rooms are rounded to the nearest tenth; for age, to the nearest year; for persons, to the nearest hundredth; for value, to the nearest hundred dollars; and for income, selected monthly owner costs, contract and gross rent, to the nearest dollar. In computing medians for rooms and persons per housing unit, the whole number is used as the midpoint of the interval so that, for example, the category “3 rooms” is treated as an interval ranging from 2.5 to 3.5 rooms. In computing median rent, units reported as “no cash rent” are excluded. The median is computed on the basis of the distribution as tabulated, which is sometimes more detailed than the distribution shown in this report. For example, median age is based on a distribution of five year intervals from 15 to 85 years. When the median falls in the lower terminal category of an open-ended distribution, the method of presentation is to show the initial value of the next category followed by a minus sign; thus, for example, if the median falls in the category “Less than \$10,000,” it is shown as “\$10,000—.” When the median falls in the upper terminal category of an open-

ended distribution, the initial value of the terminal category is given followed by a plus sign; thus, for example, if the median falls in the category “\$150,000 or more,” it is shown as “\$150,000+.”

SYMBOLS AND GEOGRAPHIC ABBREVIATIONS

The following symbols and geographic abbreviations are used in the tables:

- A dash “—” represents zero or a percent which rounds to less than 0.1.
- Three dots “. . .” mean not applicable, or that the data are being withheld to avoid disclosure of information for individual housing units. (For further information on disclosure, see the section below on “Suppression of Data for Confidentiality.”)
- CDP is census designated place.
- SMSA is standard metropolitan statistical area.

SUPPRESSION OF DATA FOR CONFIDENTIALITY

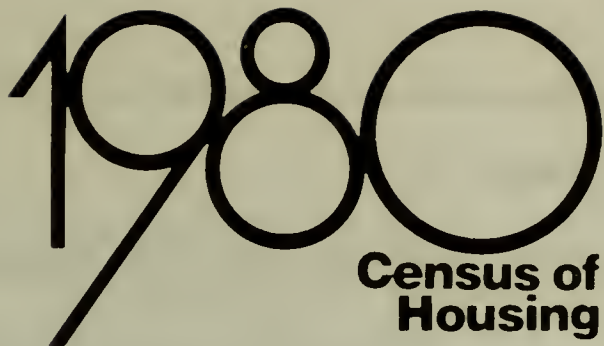
To maintain the confidentiality promised respondents and required by law, the Census Bureau takes precautions that its published data do not disclose information about specific individuals and housing units. To accomplish this, the Bureau suppresses data for characteristics which are based on a small number of persons and/or housing units in the geographic area. Under certain conditions, both primary and complementary suppression, as defined below, may take place.

The general rules of primary suppression of sample data are as follows: esti-

mates of total population by race and Spanish origin are never suppressed; other characteristics for persons are shown only if there are 30 or more persons in the geographic area; estimates of total housing units, vacant housing units, year-round housing units, and occupied housing units are never suppressed; characteristics of year-round housing units which are not classified by occupancy status are shown only when there are 10 or more year-round housing units in the geographic area; characteristics of families, households, or occupied housing units are shown only if there are at least 10 occupied housing units within the geographic area; and distributions of data for owners or renters are shown only where the number of owners is at least 10 and the number of renters is also at least 10. These primary suppression criteria are applied independently of one another. The comparable figures for complete count (100-percent) data are 15 or more persons and 5 or more housing units of the specified type.

Population and occupied housing unit characteristics cross-classified by race or Spanish origin (of the householder in the case of occupied housing units) are subject to an additional level of examination. This requires that the 30 person or 10 housing unit criterion stated above be applied individually to each race or Spanish origin category.

Finally, complementary suppression is applied to prevent the derivation of primary suppressed data by subtraction. For example, housing unit data shown by tenure may require complementary suppression when the number of owner-occupied or renter-occupied housing units is less than 10.



Metropolitan Housing Characteristics

APPLETON- OSHKOSH, WIS.

STANDARD METROPOLITAN STATISTICAL AREA
HC80-2-73

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Arrangement of Tables

This report presents a set of tables for the SMSA, each central city, and each place of 50,000 inhabitants or more. The report is organized to provide a set of 68 tables for each geographic area. There are 11 tables showing data for all households in the area, 2 tables showing data for vacant units, 11 tables for householders of each of four separate race groups, and 11 tables for householders of Spanish origin. The race/Spanish origin tables are, however, shown only when certain population criteria are met. See page VII of the Introduction for further information. To assist the reader in using this report, the listings are presented as follows:

	Page
Index of Tables—shows the pages on which the tables for each geographic area appear and the pages on which data for the various race/Spanish origin householders appear	IX
List of Tables—shows the table numbers and titles for each of the 68 tables	X
Table Finding Guide—shows the tables in which the various subject cross-classifications presented in the report appear	XII
Map—Standard Metropolitan Statistical Areas, Counties, and Selected Places	XIV

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Tables for the total SMSA have the prefix letter "A"; tables for central cities and places of 50,000 inhabitants or more, in alphabetical order, have the prefix letter "B," "C," etc.

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		Total	White	Black	American Indian, Eskimo, and Aleut	Asian and Pacific Islander	Spanish Origin
		Pages	Pages	Pages	Pages	Pages	Pages
SMSA total	A	1 to 12	—	—	—	—	—
Appleton	B	13 to 24	—	—	—	—	—
Oshkosh	C	25 to 36	—	—	—	—	—

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(Tables 14 to 24 for the White population are shown if any of the other three racial groups in the area qualify; tables 25 to 35 are shown if an area has 10,000 or more or 10 percent Black population; tables 36 to 46 are shown if an area has 10,000 or more or 10 percent American Indian, Eskimo, and Aleut population; tables 47 to 57 are shown if an area has 10,000 or more or 10 percent Asian and Pacific Islander population; and tables 58 to 68 are shown if an area has 10,000 or more or 10 percent Spanish origin population)

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Table Finding Guide— Cross-Classification of Subjects by Table Number

Subject	Value	Gross rent	Income and poverty status in 1979 of owner-occupied housing units	Income and poverty status in 1979 of renter-occupied housing units	Selected monthly owner costs for mortgaged housing units	Selected monthly owner costs for not mortgaged housing units
OCCUPANCY CHARACTERISTICS						
Condominium	—	—	—	—	—	—
Year moved into unit	1	2	3	4	5	6
UTILIZATION CHARACTERISTICS						
Rooms	1	2	—	—	5	6
Persons in unit	—	—	—	—	5	6
Bedrooms	1	2	—	—	—	—
Median rooms	1	2	3	4	5	6
STRUCTURAL CHARACTERISTICS						
Units in structure	—	2	—	—	—	—
Year structure built	1	2	—	—	5	6
Stories in structure	—	2	—	—	—	—
PLUMBING CHARACTERISTICS						
Plumbing facilities	1	2	3	4	—	—
EQUIPMENT AND FUELS						
Heating equipment	1	2	3	4	5	6
Air conditioning	1	2	3	4	5	6
Vehicles available	—	—	3	4	—	—
House heating fuel	—	—	3	4	5	6
Water heating fuel	—	—	—	—	—	—
FINANCIAL CHARACTERISTICS						
Value	—	—	—	—	5	6
Price asked	—	—	—	—	—	—
Mortgage status and selected monthly owner costs	—	—	3	—	—	—
Selected monthly owner costs as percentage of household income	—	—	—	—	5	6
Contract rent	—	—	—	4	—	—
Gross rent	—	—	—	4	—	—
Rent asked	—	—	—	—	—	—
Gross rent as percentage of household income	—	2	—	4	—	—
Mortgage status and selected monthly owner costs as percentage of household income	1	—	3	—	—	—
HOUSEHOLD CHARACTERISTICS						
Household type by age of householder	1	2	3	4	5	6
Income	1	—	—	—	—	—
Income below poverty level	1	2	—	—	—	—

The table numbers listed above show data for all households. Similar data are shown in the tables listed below when there are 10,000 or more persons of the race or Spanish origin group, or if the group comprises 10 percent of the area population. For further explanation, see the Introduction on page VII.

White	14	15	16	17	18	19
Black	25	26	27	28	29	30
American Indian, Eskimo, and Aleut	36	37	38	39	40	41
Asian and Pacific Islander	47	48	49	50	51	52
Spanish origin	58	59	60	61	62	63

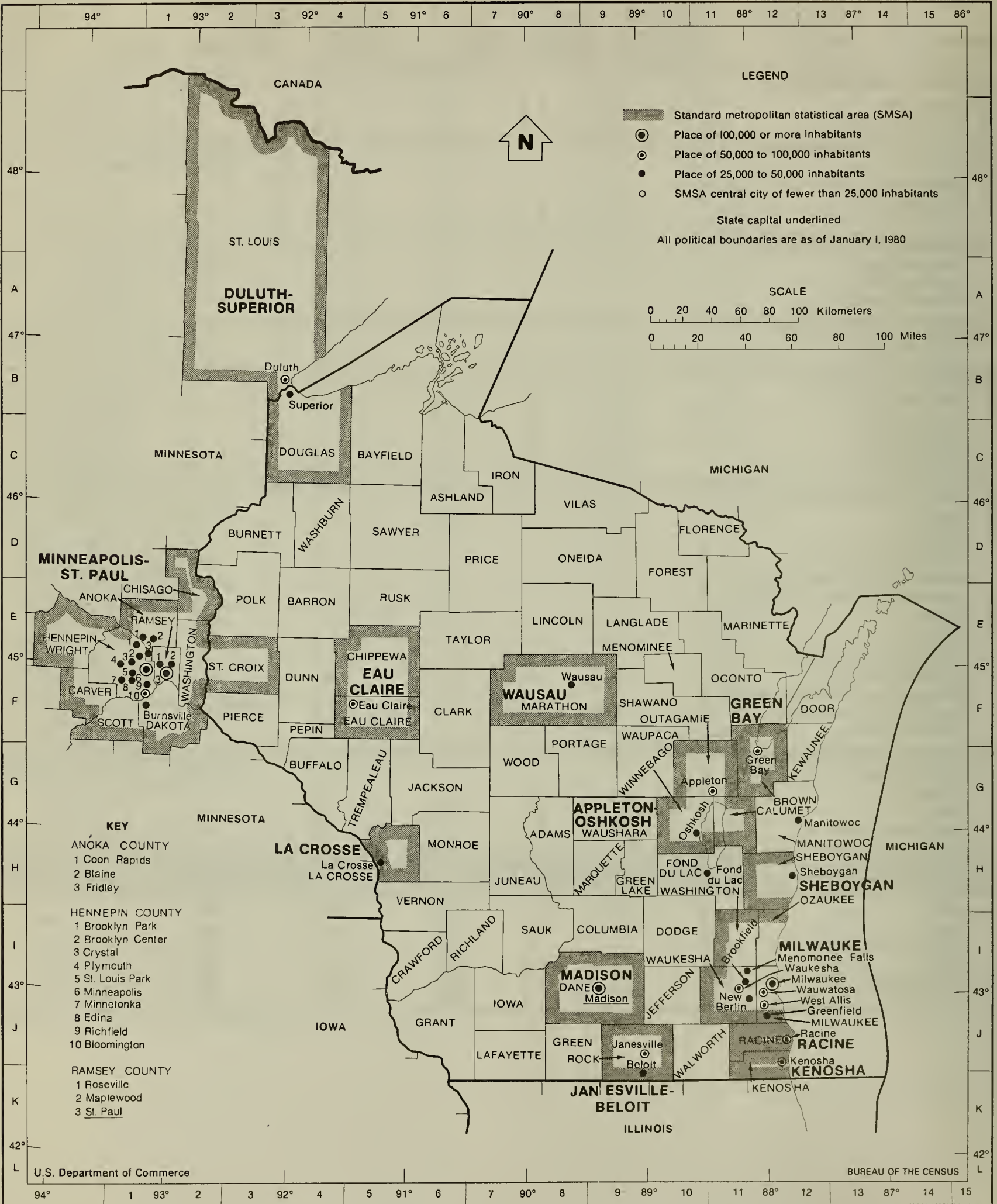
Table Finding Guide—Cross-Classification of Subjects by Table Number

Subject	Year structure built	Units in structure	Size of household (persons)	Household composition by age of householder	Age and sex of householder in one-person households	Duration of vacancy	Price asked and rent asked
OCCUPANCY CHARACTERISTICS							
Condominium	—	8	—	—	—	—	—
Year moved into unit	7	8	—	—	—	—	—
UTILIZATION CHARACTERISTICS							
Rooms	7	8	9	—	—	12	—
Persons in unit	7	—	—	10	—	—	—
Bedrooms	—	8	—	—	—	12	13
Median rooms	7	8	9	—	—	12	—
STRUCTURAL CHARACTERISTICS							
Units in structure	7	—	9	—	11	12	13
Year structure built	—	—	—	—	—	12	13
Stories in structure	—	—	—	—	—	—	—
PLUMBING CHARACTERISTICS							
Plumbing facilities	7	8	9	10	11	12	13
EQUIPMENT AND FUELS							
Heating equipment	7	8	—	—	—	12	—
Air conditioning	7	8	—	—	—	—	—
Vehicles available	—	8	—	—	—	—	—
House heating fuel	7	8	—	—	—	—	—
Water heating fuel	—	8	—	—	—	—	—
FINANCIAL CHARACTERISTICS							
Value	—	—	9	—	—	—	—
Price asked	—	—	—	—	—	12	—
Mortgage status and selected monthly owner costs	—	—	—	—	11	—	—
Selected monthly owner costs as percentage of household income	—	—	9	—	11	—	—
Contract rent	—	—	—	—	—	—	—
Gross rent	—	—	9	—	11	—	—
Rent asked	—	—	—	—	—	12	—
Gross rent as percentage of household income	—	—	9	10	11	—	—
Mortgage status and selected monthly owner costs as percentage of household income	—	—	—	10	—	—	—
HOUSEHOLD CHARACTERISTICS							
Household type by age of householder	7	8	—	—	—	—	—
Income	7	8	9	—	11	—	—
Income below poverty level	7	8	9	—	11	—	—

The table numbers listed above show data for all households. Similar data are shown in the tables listed below when there are 10,000 or more persons of the race or Spanish origin group, or if the group comprises 10 percent of the area population. For further explanation, see the Introduction on page VII.

White	20	21	22	23	24	—	—
Black	31	32	33	34	35	—	—
American Indian, Eskimo, and Aleut	42	43	44	45	46	—	—
Asian and Pacific Islander	53	54	55	56	57	—	—
Spanish origin	64	65	66	67	68	—	—

Standard Metropolitan Statistical Areas, Counties, and Selected Places



SCSA and SMSA boundaries are as defined on June 19, 1981

CORRECTION NOTE

Corrections to the 1980 census counts of the total population and total housing units have been made to some of the areas shown in this report. These corrections can be found in the correction note in PC80-1-A1, Number of Inhabitants, United States Summary; the PC80-1-B, General Population Characteristics; HC80-1-A, General Housing Characteristics individual State reports and the United States Summary.

NOTE TO USERS:

The "Not computed" line for Mortgage Status and Selected Monthly Owner Costs as Percentage of Household Income in 1979 for not mortgaged units includes households with zero or negative income and households reporting no housing costs; that is, not mortgaged units with no utility, fuel, tax, or insurance payments required. Households with no Selected Monthly Owner Costs are normally excluded from the "Not computed" category.

Table A-1. Value of Owner-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

The SMSA	Total	Less than \$10,000	\$10,000 to \$19,999	\$20,000 to \$29,999	\$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 or more	Median (dollars)	Mean (dollars)
Specified owner-occupied housing units -----	59 726	357	2 609	8 125	12 900	13 180	9 204	8 985	2 689	1 255	422	44 300	48 300
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families -----	47 272	155	1 415	5 141	9 664	10 914	7 978	8 087	2 434	1 115	369	46 600	50 700
15 to 24 years -----	1 472	5	54	241	470	384	230	82	4	2	-	39 200	40 500
25 to 34 years -----	11 418	7	171	1 052	2 251	2 977	2 309	2 020	476	143	12	47 600	49 500
35 to 44 years -----	10 760	4	142	721	1 748	2 453	2 019	2 346	812	389	126	51 300	56 700
45 to 64 years -----	16 875	57	513	1 746	3 411	3 712	2 757	2 983	994	502	200	47 100	52 400
65 years and over -----	6 747	82	535	1 381	1 784	1 388	663	656	148	79	31	37 900	41 400
Male householder, no wife present -----	3 552	59	341	807	909	553	416	280	90	50	17	35 600	40 100
15 to 24 years -----	292	-	11	90	74	61	33	14	9	-	-	34 800	38 200
25 to 34 years -----	809	9	35	164	251	164	107	68	9	-	2	37 600	40 000
35 to 44 years -----	493	9	20	88	71	69	123	74	23	16	-	47 400	48 300
45 to 64 years -----	746	13	86	151	137	114	106	72	32	22	13	38 800	45 400
65 years and over -----	1 212	28	189	314	376	175	47	52	17	12	2	31 700	34 000
Female householder, no husband present -----	8 902	143	853	2 177	2 327	1 683	810	618	165	90	36	35 000	38 800
15 to 24 years -----	102	-	-	52	13	24	13	-	-	-	-	29 800	35 100
25 to 34 years -----	764	-	31	172	224	221	48	47	11	8	2	37 200	40 000
35 to 44 years -----	1 024	-	35	207	299	157	139	151	23	9	4	39 100	44 100
45 to 64 years -----	2 703	44	187	620	713	554	286	200	52	36	11	37 100	40 400
65 years and over -----	4 309	99	600	1 126	1 078	727	324	220	79	37	19	32 500	36 400
Median age -----	47.6	67.8	65.3	56.8	50.4	45.4	42.9	43.6	44.8	46.3	49.6	...	...
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980 -----	5 677	23	87	465	1 033	1 212	1 047	1 138	395	225	52	50 200	54 900
1975 to 1978 -----	15 114	12	334	1 582	2 799	3 356	2 800	2 852	885	369	125	48 500	52 400
1970 to 1974 -----	9 959	30	313	1 027	1 909	2 174	1 735	1 859	649	165	98	47 800	51 600
1960 to 1969 -----	13 433	63	470	1 692	2 904	2 991	2 180	2 211	533	269	120	45 000	49 300
1959 or earlier -----	15 543	229	1 405	3 359	4 255	3 447	1 442	925	227	227	27	36 300	39 000
ROOMS													
1 to 3 rooms -----	533	29	148	173	89	42	28	12	10	2	-	25 600	28 600
4 rooms -----	4 642	90	588	1 374	1 528	649	219	153	35	6	-	31 500	32 800
5 rooms -----	16 275	115	675	2 539	4 068	4 763	2 760	1 175	121	55	4	41 500	41 700
6 rooms -----	16 667	68	644	2 194	3 687	4 011	3 018	2 509	382	142	12	44 000	45 800
7 rooms -----	11 577	29	347	1 241	2 305	2 315	1 885	2 536	684	214	21	47 900	51 000
8 or more rooms -----	10 032	26	207	604	1 223	1 400	1 294	2 600	1 457	836	385	61 700	68 500
Median -----	6.0	5.0	5.3	5.5	5.7	5.8	6.0	6.8	7.6	8.1	8.5+	...	...
BEDROOMS													
None -----	35	2	8	9	7	2	7	-	-	-	-	27 100	30 700
1 -----	1 117	79	252	326	203	125	70	45	15	2	-	27 400	30 100
2 -----	11 163	171	1 038	2 815	3 428	1 965	919	620	161	36	10	33 900	36 500
3 -----	33 511	64	916	3 661	6 685	8 395	6 345	5 675	1 173	500	97	46 500	48 800
4 -----	11 896	34	306	1 142	2 224	2 394	1 592	2 328	1 133	552	191	49 300	56 800
5 or more -----	2 004	7	89	172	353	299	271	317	207	165	124	52 400	66 800
YEAR STRUCTURE BUILT													
1975 to March 1980 -----	7 384	-	17	54	348	1 391	1 924	2 387	780	392	91	59 700	65 100
1970 to 1974 -----	5 351	13	34	142	615	1 124	1 274	1 380	572	129	68	54 400	60 000
1960 to 1969 -----	11 149	10	83	433	1 295	2 820	2 547	2 800	732	323	106	52 900	57 600
1950 to 1959 -----	10 630	36	210	1 216	2 758	3 210	1 595	1 174	235	152	44	43 100	46 100
1940 to 1949 -----	6 026	25	345	1 183	1 888	1 366	622	369	103	92	33	37 700	41 300
1939 or earlier -----	19 186	273	1 920	5 097	5 996	3 269	1 242	875	267	167	80	33 500	36 600
HOUSEHOLD INCOME IN 1979													
Less than \$5,000 -----	3 049	120	466	866	716	399	203	149	81	33	16	30 900	35 600
\$5,000 to \$9,999 -----	5 908	65	726	1 571	1 661	1 072	475	274	43	16	5	33 200	35 300
\$10,000 to \$12,499 -----	3 466	53	225	745	901	831	434	222	41	6	8	38 000	39 000
\$12,500 to \$14,999 -----	3 768	30	219	795	1 202	862	357	233	57	11	2	36 400	38 800
\$15,000 to \$19,999 -----	9 338	39	348	1 616	2 405	2 222	1 453	989	197	57	8	41 100	43 100
\$20,000 to \$24,999 -----	10 976	12	272	1 174	2 534	2 957	2 095	1 514	296	109	13	45 000	46 900
\$25,000 to \$34,999 -----	14 153	36	266	938	2 504	3 461	2 780	3 130	742	266	30	49 600	52 400
\$35,000 to \$49,999 -----	6 330	-	78	326	796	1 126	1 165	1 739	730	349	21	56 700	60 400
\$50,000 or more -----	2 738	2	9	94	181	246	242	735	502	408	319	77 500	90 000
Median -----	\$21 837	\$9 350	\$11 250	\$15 250	\$19 033	\$21 827	\$24 020	\$27 702	\$32 984	\$38 983	\$72 444	...	...
Mean -----	\$23 950	\$11 284	\$13 910	\$16 432	\$19 711	\$22 561	\$25 147	\$30 162	\$37 730	\$51 306	\$86 842	...	...
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
With a mortgage -----	35 220	69	703	3 529	6 957	8 082	6 359	6 289	2 001	939	292	47 900	52 100
Less than 15 percent -----	10 771	44	305	1 199	2 161	2 306	1 814	1 896	603	317	126	47 300	52 100
15 to 19 percent -----	8 946	-	113	875	1 891	2 023	1 674	1 550	578	176	66	47 800	51 800
20 to 24 percent -----	6 612	9	135	586	1 194	1 759	1 229	1 241	305	116	38	47 800	51 100
25 to 29 percent -----	3 786	-	51	345	684	905	757	747	162	119	16	49 000	52 800
30 to 34 percent -----	1 917	-	15	211	391	432	310	332	129	96	1	48 000	52 900
35 percent or more -----	3 101	16	84	294	619	655	570	513	205	104	41	48 200	53 700
Not computed -----	87	-	-	19	17	2	5	19	19	11	4	60 300	68 500
Median -----	18.8	13.3	17.1	18.2	18.5	19.3	19.1	19.0	18.4	19.2	16.4	...	...
Net mortgaged -----	24 506	288	1 906	4 596	5 943	5 098	2 845	2 696	688	316	130	39 200	42 800
Less than 10 percent -----	10 388	60	547	1 434	2 434	2 305	1 518	1 433	358	201	98	42 800	47 300
10 to 14 percent -----	5 374	70	371	1 000	1 255	1 171	592	665	165	82	3	39 900	42 800
15 to 19 percent -----	2 877	46	245	690	718	561	248	267	80	16	6	36 100	39 600
20 to 24 percent -----	1 898	10	182	539	508	349	148	131	25	-	6	34 100	37 100
25 to 29 percent -----	1 152	31	152	257	331	221	88	56	-	6	10	33 800	36 700
30 to 34 percent -----	755	18	132	143	168	203	65	20	-	-	1	34 000	34 700
35 percent or more -----	1 993	48	275	528	504	272	184	110	55	11	6	32 400	36 400
Not computed -----	69	5	2	5	25	16	2	14	-	-	-	37 900	39 900
Median -----	11.7	16.3	15.7	14.3	12.1	11.0	10-	10-	10-	10-	10-	...	...
SELECTED CHARACTERISTICS													
Complete plumbing for exclusive use -----	59 472	289	2 525	8 063	12 882	13 176	9 188	8 985	2 687	1 255	422	44 300	48 400
1.01 or more persons per room -----	1 292	4	72	223	291	366	194	112	13	17	-	41 700	42 600
Lacking complete plumbing for exclusive use -----	254	68	84	62	18	4	16	-	2	-	-	17 800	20 700
1.01 or more persons per													

Table A—2. Gross Rent of Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA	Total	Less than \$100	\$100 to \$149	\$150 to \$199	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 or more	No cash rent	Median (dollars)
Specified renter-occupied housing units	26 011	1 596	2 262	5 605	7 670	4 792	1 973	742	344	127	900	219
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER												
Married-couple families	8 881	85	427	1 454	2 433	2 307	1 056	446	208	53	412	247
15 to 24 years.....	2 422	16	92	505	785	697	198	96	9	2	22	238
25 to 34 years.....	3 348	18	109	529	1 010	846	512	158	81	21	64	249
35 to 44 years.....	949	—	30	96	148	305	148	90	65	15	52	277
45 to 64 years.....	1 133	12	75	126	260	283	105	91	40	15	126	255
65 years and over.....	1 029	39	121	198	230	176	93	11	13	—	148	216
Male householder, no wife present	6 685	317	636	1 891	2 055	943	368	171	71	41	192	209
15 to 24 years.....	2 389	63	151	732	870	340	122	40	37	19	15	213
25 to 34 years.....	2 317	35	123	759	666	389	178	104	17	15	31	216
35 to 44 years.....	665	7	53	172	232	108	39	20	11	4	19	217
45 to 64 years.....	746	89	147	175	201	66	14	7	—	2	45	185
65 years and over.....	568	123	162	53	86	40	15	—	6	1	82	140
Female householder, no husband present	10 445	1 194	1 199	2 260	3 182	1 542	549	125	65	33	296	206
15 to 24 years.....	2 766	87	252	771	976	475	135	15	15	14	26	214
25 to 34 years.....	2 593	71	219	575	1 009	496	160	20	27	4	12	220
35 to 44 years.....	776	14	50	135	224	183	93	28	14	11	24	239
45 to 64 years.....	1 587	166	188	313	485	218	91	36	7	4	79	208
65 years and over.....	2 723	856	490	466	488	170	70	26	2	—	155	144
Median age	29.8	71.1	48.7	27.9	28.2	28.9	29.8	32.3	33.8	31.6	59.7	...
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980.....	12 620	460	737	2 783	4 067	2 575	1 112	436	210	100	140	228
1975 to 1978.....	8 939	561	845	2 032	2 603	1 678	659	249	103	17	192	217
1970 to 1974.....	2 399	368	335	393	635	364	149	32	13	5	105	204
1960 to 1969.....	1 190	142	209	290	282	120	15	16	11	4	101	182
1959 or earlier.....	863	65	136	107	83	55	38	9	7	1	362	175
ROOMS												
1 room.....	421	133	67	85	49	31	7	—	—	33	16	154
2 rooms.....	1 340	237	302	445	286	39	16	8	—	—	7	169
3 rooms.....	5 377	849	913	1 777	1 469	256	40	16	—	1	56	179
4 rooms.....	9 060	200	554	1 905	3 409	2 092	584	120	17	2	177	227
5 rooms.....	5 742	129	313	958	1 688	1 419	677	214	71	1	272	240
6 rooms.....	2 312	33	54	257	564	553	317	242	100	28	164	263
7 or more rooms.....	1 759	15	59	178	205	402	332	142	156	62	208	288
Median	4.1	3.0	3.3	3.8	4.1	4.5	5.0	5.6	6.3	6.4	5.2	...
PLUMBING FACILITIES BY PERSONS PER ROOM AND POVERTY STATUS IN 1979												
All income levels in 1979	26 011	1 596	2 262	5 605	7 670	4 792	1 973	742	344	127	900	219
Complete plumbing for exclusive use.....	25 470	1 454	2 089	5 513	7 616	4 760	1 957	740	339	127	875	221
0.50 or less.....	17 859	1 283	1 650	4 300	5 446	2 881	1 078	377	143	29	672	212
0.51 to 1.00.....	7 191	165	417	1 137	2 092	1 752	838	328	178	89	195	243
1.01 to 1.50.....	336	6	17	59	63	104	31	32	10	9	5	258
1.51 or more.....	84	—	5	17	15	23	10	3	8	—	3	257
Lacking complete plumbing for exclusive use.....	541	142	173	92	54	32	16	2	5	—	25	140
0.50 or less.....	312	67	116	62	22	17	13	2	—	—	13	143
0.51 to 1.00.....	212	64	57	30	26	15	3	—	5	—	12	126
1.01 to 1.50.....	6	—	—	—	6	—	—	—	—	—	—	213
1.51 or more.....	11	—	—	—	—	—	—	—	—	—	—	75
Income in 1979 below poverty level	3 897	613	464	748	957	554	284	54	70	39	114	203
Complete plumbing for exclusive use.....	3 726	552	400	730	948	542	284	54	65	39	112	206
1.01 or more persons per room.....	115	—	14	28	23	29	5	3	13	—	—	242
Lacking complete plumbing for exclusive use.....	171	61	64	18	9	12	—	—	5	—	2	117
1.01 or more persons per room.....	7	—	—	—	—	—	—	—	—	—	—	75
BEDROOMS												
None.....	571	136	162	137	49	31	7	—	—	33	16	145
1.....	8 251	1 153	1 403	2 863	2 238	391	80	14	1	—	108	181
2.....	12 385	224	521	2 157	4 537	3 213	1 037	315	74	4	303	236
3.....	3 727	62	146	368	716	929	673	308	187	42	296	273
4.....	808	8	22	52	93	172	159	77	59	40	126	298
5 or more.....	269	13	8	28	37	56	17	28	23	8	51	264
UNITS IN STRUCTURE												
1, detached or attached.....	6 531	92	308	952	1 406	1 473	889	359	250	93	709	255
2.....	8 751	227	828	2 428	2 493	1 731	594	271	55	5	119	215
3 and 4.....	2 669	119	341	860	801	367	131	26	12	—	12	201
5 to 9.....	2 493	107	305	525	944	468	109	32	3	—	—	216
10 to 49.....	3 885	362	154	659	1 756	618	230	42	24	27	13	221
50 or more.....	1 375	682	288	120	172	81	14	8	—	—	10	100
Mobile home or trailer, etc.....	307	7	38	61	98	54	6	4	—	2	37	214
YEAR STRUCTURE BUILT												
1975 to March 1980.....	3 949	544	281	353	1 011	893	466	247	57	44	53	239
1970 to 1974.....	4 039	373	188	417	1 655	796	395	93	46	17	59	231
1960 to 1969.....	3 765	164	102	708	1 451	887	227	63	34	14	115	229
1950 to 1959.....	2 053	41	114	551	677	321	145	51	46	—	107	217
1940 to 1949.....	2 837	29	263	845	712	539	236	74	40	9	90	214
1939 or earlier.....	9 368	445	1 314	2 731	2 164	1 356	504	214	121	43	476	199
STORIES IN STRUCTURE												
1 to 3.....	25 278	1 123	2 160	5 544	7 614	4 766	1 968	742	344	127	890	221
4 or more.....	733	473	102	61	56	26	5	—	—	—	10	82
With elevator.....	629	461	93	28	33	8	—	—	—	—	6	79
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979												
Less than 15 percent.....	5 751	296	654	1 572	1 833	909	319	135	29	4	...	209
15 to 19 percent.....	5 166	198	310	1 069	1 716	1 241	445	150	37	—	...	229
20 to 24 percent.....	3 934	483	345	745	996	742	419	139	45	20	...	220
25 to 29 percent.....	2 665	257	233	619	728	467	238	82	35	6	...	215
30 to 34 percent.....	1 738	118	149	314	613	300	143	78	15	8	...	223
35 to 49 percent.....	2 566	112	255	594	696	535	162	74	80	58	...	222
50 percent or more.....	3 074	106	282	659	1 039	567	213	84	93	31	...	220
Not computed.....	1 117	26	34	33	49	31	34	—	10	—	900	213
Median	21.9	23.0	22.2	21.0	21.3	21.6	22.5	23.1	35.8	40.4	...	...
SELECTED CHARACTERISTICS												
Heating equipment	25 993	1 589	2 262	5 605	7 663	4 788	1 973	742	344	127	900	220
Central heating system.....	23 335	1 471	1 852	4 651	7 081	4 475	1 868	700	317	113	807	223
Air conditioning.....	8 969	447	591	1 388	3 289	1 724	763	293	116	26	332	228
Central system.....	1 276	55	62	76	353	218	293	109	49	1	60	267

Table A—4. Income and Poverty Status in 1979 of Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

The SMSA	Household income in 1979											Income in 1979 below poverty level	
	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)		Mean (dollars)
Renter-occupied housing units -----	27 290	4 741	6 158	3 003	2 655	5 030	2 986	1 992	545	180	12 286	13 954	4 016
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families -----	9 709	354	1 472	977	1 101	2 496	1 743	1 130	306	130	16 841	18 080	516
15 to 24 years -----	2 568	101	368	311	398	687	487	184	19	13	15 793	16 363	140
25 to 34 years -----	3 663	93	348	347	401	1 117	821	433	79	24	17 618	18 322	182
35 to 44 years -----	1 081	54	107	58	108	285	187	174	73	35	18 472	21 544	106
45 to 64 years -----	1 281	26	141	103	107	279	193	284	104	44	19 779	22 273	45
65 years and over -----	1 116	80	508	158	87	128	55	55	31	14	9 705	13 070	43
Male householder, no wife present -----	6 961	940	1 432	832	669	1 462	772	617	194	38	13 533	15 291	889
15 to 24 years -----	2 438	375	537	335	248	479	214	193	42	15	12 291	13 822	465
25 to 34 years -----	2 413	124	381	280	317	663	289	248	102	9	15 608	18 379	156
35 to 44 years -----	689	78	101	69	56	138	138	66	31	12	16 177	16 951	107
45 to 64 years -----	781	117	132	110	40	160	117	86	17	2	14 469	15 180	53
65 years and over -----	640	246	281	38	8	27	14	24	2	—	6 069	7 595	108
Female householder, no husband present -----	10 620	3 447	3 254	1 194	885	1 067	471	245	45	12	7 865	9 305	2 611
15 to 24 years -----	2 778	849	872	277	236	315	124	85	20	—	8 347	9 624	1 007
25 to 34 years -----	2 619	458	875	444	301	311	136	78	11	5	9 887	10 927	540
35 to 44 years -----	794	101	243	186	98	86	62	18	—	—	10 712	11 311	148
45 to 64 years -----	1 621	409	510	171	154	228	97	42	3	7	8 965	10 312	287
65 years and over -----	2 808	1 630	754	116	96	127	52	22	11	—	4 577	6 329	629
Median age -----	30.0	53.7	32.3	29.0	27.9	28.7	29.0	30.2	35.0	40.9	...	...	28.5
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980 -----	13 003	2 208	3 020	1 540	1 338	2 293	1 505	886	162	51	12 067	13 633	2 333
1975 to 1978 -----	9 311	1 320	1 971	1 038	985	1 996	1 026	663	245	67	13 329	14 501	1 058
1970 to 1974 -----	2 533	669	539	243	181	396	230	214	47	14	10 602	12 998	307
1960 to 1969 -----	1 324	291	331	82	59	219	150	132	49	11	11 220	14 164	164
1959 or earlier -----	1 119	253	297	100	92	126	75	97	42	37	10 237	15 054	154
PLUMBING FACILITIES BY PERSONS PER ROOM													
Complete plumbing for exclusive use -----	26 694	4 505	5 992	2 951	2 625	4 960	2 966	1 970	545	180	12 414	14 069	3 814
0.50 or less -----	18 673	3 804	4 577	2 078	1 765	3 109	1 786	1 170	295	89	11 150	12 759	2 483
0.51 to 1.00 -----	7 584	679	1 337	805	830	1 747	1 119	758	219	90	15 378	17 128	1 213
1.01 to 1.50 -----	353	12	56	58	28	85	61	39	13	1	15 953	16 891	94
1.51 or more -----	84	10	22	10	2	19	—	3	—	—	12 500	17 207	24
Lacking complete plumbing for exclusive use -----	596	236	166	52	30	70	20	22	—	—	7 013	8 811	202
0.50 or less -----	360	165	111	18	19	25	15	7	—	—	5 682	7 598	121
0.51 to 1.00 -----	217	69	49	27	11	45	5	11	—	—	9 120	10 413	72
1.01 to 1.50 -----	6	—	6	—	—	—	—	—	—	—	8 750	9 185	—
1.51 or more -----	13	2	—	7	—	—	—	4	—	—	11 607	15 457	9
SELECTED CHARACTERISTICS													
Heating equipment -----	27 272	4 741	6 151	2 996	2 655	5 030	2 986	1 988	545	180	12 290	13 954	4 009
Central heating system -----	24 326	4 075	5 339	2 728	2 371	4 598	2 714	1 834	493	174	12 522	14 198	3 464
Air conditioning -----	9 139	1 318	1 919	1 114	861	1 883	944	802	240	58	13 134	15 069	833
Central system -----	1 305	142	212	120	81	310	211	165	44	20	16 468	20 475	94
Vehicles available -----	23 396	2 587	5 040	2 801	2 549	4 854	2 888	1 967	539	171	13 746	15 195	2 676
1 -----	14 258	2 232	4 080	2 106	1 634	2 494	1 063	514	98	37	10 970	12 008	1 959
2 or more -----	9 138	355	960	695	915	2 360	1 825	1 453	441	134	18 415	20 168	717
House heating fuel -----	27 272	4 741	6 151	2 996	2 655	5 030	2 986	1 988	545	180	12 290	13 954	4 009
Utility gas -----	17 713	3 063	4 228	1 946	1 692	3 245	1 827	1 289	341	82	12 011	13 725	2 673
Bottled, tank, or LP gas -----	846	190	185	90	56	147	85	59	17	17	11 333	14 179	144
Electricity -----	3 826	805	785	421	440	669	410	202	73	21	11 918	13 131	556
Fuel oil, kerosene, etc. -----	4 703	628	908	537	443	929	656	432	114	56	14 072	15 508	591
Other -----	184	55	45	2	24	40	8	6	—	4	9 200	12 290	45
Median rooms -----	4.2	3.5	4.0	4.1	4.3	4.3	4.7	4.8	5.4	5.6	...	...	4.1
Specified renter-occupied housing units -----	26 011	4 612	5 936	2 871	2 552	4 817	2 758	1 834	504	127	12 140	13 690	3 897
CONTRACT RENT													
Less than \$100 -----	2 774	1 483	595	219	154	190	60	57	6	10	4 793	7 494	853
\$100 to \$149 -----	5 193	970	1 727	607	459	702	398	266	64	—	9 731	11 570	763
\$150 to \$199 -----	9 897	1 385	2 325	1 216	1 024	2 080	1 145	559	126	37	12 555	13 962	1 389
\$200 to \$249 -----	5 415	480	868	571	662	1 325	750	530	190	39	15 442	16 388	529
\$250 to \$299 -----	1 379	90	177	136	118	285	252	243	66	12	18 145	18 699	138
\$300 to \$349 -----	286	4	34	24	34	37	61	45	27	20	20 676	23 918	59
\$350 to \$399 -----	59	—	4	8	7	23	7	10	—	—	17 596	17 948	4
\$400 to \$499 -----	68	9	6	8	5	21	6	13	—	—	15 714	15 106	30
\$500 or more -----	40	9	5	—	9	4	1	12	—	—	14 167	15 259	18
No cash rent -----	900	182	195	82	80	150	78	99	25	9	12 226	14 418	114
Median -----	\$172	\$138	\$158	\$171	\$179	\$183	\$187	\$199	\$212	\$230	...	...	\$158
GROSS RENT													
Less than \$100 -----	1 596	1 190	207	83	15	61	20	15	—	5	3 968	5 494	613
\$100 to \$149 -----	2 262	718	840	200	169	190	91	45	9	—	7 183	8 768	464
\$150 to \$199 -----	5 605	910	1 799	744	559	908	401	242	27	15	10 314	12 452	748
\$200 to \$249 -----	7 670	994	1 708	976	871	1 634	870	519	77	21	12 951	13 809	957
\$250 to \$299 -----	4 792	412	839	511	527	1 186	722	393	174	28	15 450	16 210	554
\$300 to \$349 -----	1 973	139	219	145	215	460	377	307	89	22	17 853	18 541	284
\$350 to \$399 -----	742	22	65	62	78	140	146	129	82	18	20 122	21 871	54
\$400 to \$499 -----	344	30	53	63	22	51	46	53	21	5	15 303	17 533	70
\$500 or more -----	127	15	11	5	16	37	7	32	—	4	17 292	18 045	39
No cash rent -----	900	182	195	82	80	150	78	99	25	9	12 226	14 418	114
Median -----	\$219	\$171	\$201	\$220	\$226	\$237	\$248	\$255	\$286	\$287	...	...	\$203
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
Less than 15 percent -----	5 751	16	96	218	302	1 389	1 678	1 462	477	113	22 368	24 125	71
15 to 19 percent -----	5 166	101	395	510	876	2 242	812	228	2	—	16 334	16 244	193
20 to 24 percent -----	3 934	454	823	851	819	785	169	33	—	—	12 027	11 927	209
25 to 29 percent -----	2 665	310	1 109	741	317	168	14	6	—	—	9 712	9 694	171
30 to 34 percent -----	1 738	212	1 088	288	111	31	2	6					

Table A—5. Selected Monthly Owner Costs for Mortgaged Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA	Total	Less than \$200	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 to \$599	\$600 to \$749	\$750 or more	Median (dollars)
Specified owner-occupied housing units -----	35 220	1 438	3 623	5 761	6 254	5 651	6 677	2 951	1 777	1 088	355
PERSONS IN UNIT											
1 person -----	1 776	222	280	369	292	211	239	93	55	15	303
2 persons -----	6 935	390	715	1 264	1 017	1 060	1 378	644	298	169	354
3 persons -----	7 266	269	862	1 123	1 362	1 241	1 313	582	346	168	351
4 persons -----	10 050	294	930	1 419	1 995	1 703	1 969	851	616	273	361
5 persons -----	5 595	141	443	1 081	958	879	1 124	448	268	253	360
6 persons -----	2 267	59	243	321	377	357	434	222	139	115	369
7 persons -----	870	48	70	148	154	105	166	84	40	55	357
8 or more persons -----	461	15	80	36	99	95	54	27	15	40	350
Median -----	3.66	2.90	3.45	3.59	3.73	3.68	3.71	3.68	3.81	4.20	...
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER											
Married-couple families -----	30 661	1 041	2 928	4 787	5 570	4 938	6 076	2 732	1 575	1 014	360
15 to 24 years -----	1 420	69	54	211	265	309	297	158	50	7	368
25 to 34 years -----	10 968	176	639	1 430	2 170	2 090	2 691	1 028	538	206	376
35 to 44 years -----	9 340	263	951	1 529	1 322	1 322	1 788	893	550	472	363
45 to 64 years -----	8 368	485	1 162	1 440	1 516	1 153	1 256	633	401	322	336
65 years and over -----	565	48	122	177	47	64	44	20	36	7	282
Male householder, no wife present -----	1 779	126	211	341	279	269	302	126	95	30	338
15 to 24 years -----	241	20	29	14	47	41	48	27	10	5	363
25 to 34 years -----	739	34	67	169	123	116	128	66	27	9	340
35 to 44 years -----	405	28	60	87	44	58	83	22	19	4	331
45 to 64 years -----	314	27	36	53	27	43	11	39	5	5	339
65 years and over -----	80	17	19	18	12	7	—	—	—	7	261
Female householder, no husband present -----	2 780	271	484	633	405	444	299	93	107	44	300
15 to 24 years -----	77	9	13	15	—	16	18	—	6	—	355
25 to 34 years -----	707	41	78	152	132	172	79	27	19	7	331
35 to 44 years -----	859	48	138	197	153	146	106	22	29	20	315
45 to 64 years -----	939	123	209	210	113	108	84	36	39	17	283
65 years and over -----	198	50	46	59	7	2	12	8	14	—	253
Median age -----	37.9	46.0	43.1	39.3	36.9	35.5	35.3	36.7	38.7	40.8	...
YEAR HOUSEHOLDER MOVED INTO UNIT											
1979 to March 1980 -----	5 108	99	123	292	520	788	1 388	919	668	311	451
1975 to 1978 -----	13 256	263	693	1 653	2 315	2 673	3 199	1 291	758	411	382
1970 to 1974 -----	7 701	298	742	1 583	1 868	1 273	1 164	430	155	188	333
1960 to 1969 -----	7 158	489	1 601	1 783	1 277	682	782	223	162	159	292
1959 or earlier -----	1 997	289	464	450	274	235	144	88	34	19	277
ROOMS											
1 to 3 rooms -----	150	17	29	31	25	21	18	4	5	—	297
4 rooms -----	1 631	216	317	388	294	181	159	45	27	4	286
5 rooms -----	9 006	456	1 237	1 764	1 870	1 515	1 415	521	190	38	328
6 rooms -----	9 890	408	1 009	1 774	1 965	1 693	1 860	754	354	73	345
7 rooms -----	7 363	243	611	1 178	1 314	1 107	1 559	656	496	199	365
8 or more rooms -----	7 180	98	420	624	786	1 134	1 666	971	705	774	430
Median -----	6.2	5.6	5.7	5.9	6.0	6.2	6.4	6.7	7.1	8.3	...
YEAR STRUCTURE BUILT											
1975 to March 1980 -----	6 559	59	112	224	793	1 253	1 918	1 127	714	359	443
1970 to 1974 -----	4 273	41	139	593	975	804	931	376	264	150	374
1960 to 1969 -----	7 352	173	785	1 291	1 404	1 042	1 385	584	418	270	351
1950 to 1959 -----	4 905	273	627	891	982	720	866	322	129	95	334
1940 to 1949 -----	3 147	185	466	683	601	489	409	198	55	61	320
1939 or earlier -----	8 984	707	1 494	2 079	1 499	1 343	1 168	344	197	153	307
VALUE											
Less than \$10,000 -----	69	45	18	4	2	—	—	—	—	—	174
\$10,000 to \$19,999 -----	703	211	224	140	68	31	27	2	—	—	231
\$20,000 to \$29,999 -----	3 529	402	926	1 118	584	334	153	4	8	—	270
\$30,000 to \$39,999 -----	6 957	387	1 100	1 791	1 575	1 076	845	141	35	7	306
\$40,000 to \$49,999 -----	8 082	197	743	1 319	1 872	1 677	1 604	505	152	13	348
\$50,000 to \$59,999 -----	6 359	121	373	806	1 214	1 325	1 561	666	272	21	375
\$60,000 to \$79,999 -----	6 289	67	197	501	822	949	1 729	1 074	632	318	434
\$80,000 to \$99,999 -----	2 001	—	30	51	84	211	628	372	388	237	499
\$100,000 to \$149,999 -----	939	8	12	31	31	41	110	147	273	286	649
\$150,000 or more -----	292	—	—	—	2	7	20	40	17	206	750+
Median -----	\$47 900	\$31 300	\$36 000	\$38 900	\$44 800	\$48 300	\$53 900	\$62 600	\$74 100	\$96 200	...
SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979											
Less than 15 percent -----	10 771	1 017	2 152	2 595	2 057	1 270	959	372	180	169	293
15 to 19 percent -----	8 946	173	751	1 654	1 929	1 639	1 799	565	243	193	349
20 to 24 percent -----	6 612	101	297	692	1 137	1 383	1 846	671	367	118	389
25 to 29 percent -----	3 786	45	146	344	647	572	1 011	535	335	151	412
30 to 34 percent -----	1 917	15	120	146	189	261	443	330	228	185	447
35 percent or more -----	3 101	68	154	324	291	518	598	471	419	258	428
Not computed -----	87	19	3	6	4	8	21	7	5	14	413
Median -----	18.8	11.6	13.8	15.9	17.8	19.7	21.5	24.0	26.4	26.9	...
SELECTED CHARACTERISTICS											
Heating equipment -----	35 209	1 434	3 623	5 761	6 254	5 651	6 670	2 951	1 777	1 088	355
Steam or hot water system -----	4 072	79	278	541	595	713	892	443	278	253	388
Central warm-air furnace or electric heat pump -----	28 356	1 089	2 981	4 829	5 192	4 498	5 322	2 263	1 397	785	351
Other built-in electric units -----	959	29	56	62	142	168	234	157	68	43	411
Floor, wall, or pipeless furnace -----	296	54	58	76	33	38	33	4	—	—	274
Other means -----	1 526	183	250	253	292	234	189	84	34	7	313
Air conditioning -----	13 930	469	1 435	2 240	2 576	1 996	2 610	1 181	792	631	356
Central system -----	4 641	76	244	459	606	596	1 049	615	491	505	428
1 or more individual room units -----	9 289	393	1 191	1 781	1 970	1 400	1 561	566	301	126	332
House heating fuel -----	35 209	1 434	3 623	5 761	6 254	5 651	6 670	2 951	1 777	1 088	355
Utility gas -----	23 116	1 009	2 392	3 743	4 235	3 719	4 270	1 810	1 232	706	352
Battled, tank, or LP gas -----	1 069	29	75	142	175	174	272	111	59	32	383
Electricity -----	1 296	29	67	76	152	236	301	231	104	100	431
Fuel oil, kerosene, etc. -----	9 150	332	995	1 690	1 588	1 408	1 760	768	361	248	349
Other -----	578	35	94	110	104	114	67	31	21	2	324

Table A—6. Selected Monthly Owner Costs for Not Mortgaged Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA	Total	Less than \$50	\$50 to \$74	\$75 to \$99	\$100 to \$124	\$125 to \$149	\$150 to \$199	\$200 to \$249	\$250 or more	Median (dollars)
Specified owner-occupied housing units	24 506	21	301	1 540	4 517	6 063	8 147	2 671	1 246	149
PERSONS IN UNIT										
1 person	5 724	18	196	826	1 581	1 398	1 146	375	184	129
2 persons	10 999	3	98	556	2 147	3 116	3 521	1 072	486	147
3 persons	3 429	—	4	80	468	836	1 439	427	175	161
4 persons	2 217	—	3	39	180	444	1 067	318	166	171
5 persons	1 106	—	—	16	83	167	498	237	105	179
6 persons	563	—	—	12	10	51	289	132	69	186
7 persons	316	—	—	11	32	37	136	60	40	179
8 or more persons	152	—	—	—	16	14	51	50	21	195
Median	2.09	1.08	1.27	1.43	1.82	2.02	2.33	2.40	2.40	...
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER										
Married-couple families	16 611	3	82	558	2 530	4 125	6 289	2 076	948	158
15 to 24 years	52	—	—	6	10	14	18	4	—	143
25 to 34 years	450	—	3	19	53	107	197	63	8	161
35 to 44 years	1 420	—	—	17	142	272	615	246	128	173
45 to 64 years	8 507	—	29	203	1 040	1 922	3 536	1 231	546	165
65 years and over	6 182	3	50	313	1 285	1 810	1 923	532	266	145
Male householder, no wife present	1 773	13	65	258	461	413	366	101	96	130
15 to 24 years	51	—	2	9	11	8	14	7	—	136
25 to 34 years	70	—	2	17	7	16	28	—	—	139
35 to 44 years	88	9	—	6	32	22	13	6	—	123
45 to 64 years	432	2	7	74	72	107	86	46	38	139
65 years and over	1 132	2	54	152	339	260	225	42	58	127
Female householder, no husband present	6 122	5	154	724	1 526	1 525	1 492	494	202	136
15 to 24 years	25	—	6	7	—	3	4	5	—	98
25 to 34 years	57	—	—	13	13	10	19	—	2	131
35 to 44 years	165	—	—	19	26	41	38	26	15	148
45 to 64 years	1 764	—	20	113	485	499	433	173	41	138
65 years and over	4 111	5	128	572	1 002	972	998	290	144	134
Median age	63.9	58.8	73.2	70.6	67.6	65.1	61.2	59.3	61.1	...
YEAR HOUSEHOLDER MOVED INTO UNIT										
1979 to March 1980	569	—	14	41	114	110	191	57	42	151
1975 to 1978	1 858	—	20	120	240	371	710	276	121	163
1970 to 1974	2 258	—	42	116	288	488	830	340	154	162
1960 to 1969	6 275	15	42	228	866	1 504	2 391	804	425	160
1959 or earlier	13 546	6	183	1 035	3 009	3 590	4 025	1 194	504	143
ROOMS										
1 to 3 rooms	383	11	29	87	96	87	58	8	7	117
4 rooms	3 011	7	111	460	885	836	554	125	33	126
5 rooms	7 269	3	107	491	1 456	1 995	2 473	607	137	145
6 rooms	6 777	—	36	319	1 208	1 818	2 451	686	259	150
7 rooms	4 214	—	14	120	689	887	1 565	681	258	163
8 or more rooms	2 852	—	4	63	183	440	1 046	564	552	185
Median	5.7	3.5	4.6	5.0	5.4	5.6	5.9	6.4	7.2	...
YEAR STRUCTURE BUILT										
1975 to March 1980	825	—	12	24	85	131	330	182	61	174
1970 to 1974	1 078	—	11	12	77	179	447	242	110	179
1960 to 1969	3 797	4	24	62	244	747	1 707	639	370	174
1950 to 1959	5 725	—	26	241	781	1 342	2 354	703	278	160
1940 to 1949	2 879	3	56	206	609	715	872	297	121	145
1939 or earlier	10 202	14	172	995	2 721	2 949	2 437	608	306	135
VALUE										
Less than \$10,000	288	14	36	53	86	35	61	3	—	112
\$10,000 to \$19,999	1 906	2	100	407	614	426	295	42	20	118
\$20,000 to \$29,999	4 596	3	129	618	1 397	1 289	931	193	36	128
\$30,000 to \$39,999	5 943	2	21	306	1 450	2 003	1 744	340	77	140
\$40,000 to \$49,999	5 098	—	13	99	689	1 466	2 156	541	134	157
\$50,000 to \$59,999	2 845	—	—	33	198	567	1 485	455	107	171
\$60,000 to \$79,999	2 696	—	2	22	78	238	1 258	745	353	190
\$80,000 to \$99,999	688	—	—	—	5	37	172	259	215	225
\$100,000 to \$149,999	316	—	—	2	—	2	43	91	178	250+
\$150,000 or more	130	—	—	—	—	—	2	2	126	250+
Median	\$39 200	\$10 000	\$20 600	\$24 800	\$30 900	\$36 600	\$44 400	\$54 400	\$76 500	...
SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979										
Less than 10 percent	10 388	9	90	534	1 829	2 559	3 718	1 154	495	152
10 to 14 percent	5 374	5	75	334	959	1 214	1 845	684	258	153
15 to 19 percent	2 877	7	58	180	571	793	825	267	176	145
20 to 24 percent	1 898	—	42	166	404	519	531	180	56	141
25 to 29 percent	1 152	—	23	140	251	260	337	82	59	141
30 to 34 percent	755	—	—	83	122	189	251	59	51	148
35 percent or more	1 993	—	9	103	370	517	605	238	151	150
Not computed	69	—	4	—	11	12	35	7	—	161
Median	11.7	11.5	13.9	13.5	12.2	11.9	10.9	11.3	12.5	...
SELECTED CHARACTERISTICS										
Heating equipment	24 506	21	301	1 540	4 517	6 063	8 147	2 671	1 246	149
Steam or hot water system	3 095	2	9	88	340	479	1 208	543	426	176
Central warm-air furnace or electric heat pump	19 270	5	176	1 035	3 638	5 169	6 495	2 007	745	148
Other built-in electric units	336	—	6	22	38	50	132	47	41	170
Floor, wall, or pipeless furnace	373	3	18	108	88	116	27	8	5	116
Other means	1 432	11	92	287	413	249	285	66	29	120
Air conditioning	10 376	—	58	518	1 651	2 473	3 653	1 321	692	157
Central system	3 386	—	9	82	241	622	1 417	614	401	176
1 or more individual room units	6 990	—	59	436	1 410	1 851	2 236	707	291	146
House heating fuel	24 506	21	301	1 540	4 517	6 063	8 147	2 671	1 246	149
Utility gas	15 036	—	185	1 147	3 362	3 917	4 500	1 335	590	143
Bottled, tank, or LP gas	705	3	11	65	85	149	246	97	49	158
Electricity	405	—	13	24	40	66	145	51	66	171
Fuel oil, kerosene, etc.	8 124	16	82	295	960	1 869	3 197	1 165	540	163
Other	236	2	10	9	70	62	59	23	1	136

Table A-7. Year Structure Built for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

The SMSA

	Owner-occupied housing units						Renter-occupied housing units					
	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier
Occupied housing units	72 044	9 096	6 730	12 640	18 155	25 423	27 290	3 994	4 068	3 841	5 142	10 245
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER												
Married-couple families	56 297	7 973	5 760	10 655	13 847	18 062	9 709	1 361	1 394	1 267	1 943	3 744
15 to 24 years	1 819	554	143	189	388	545	2 568	424	387	331	625	801
25 to 34 years	13 047	3 747	1 818	1 563	2 391	3 528	3 663	516	524	458	798	1 367
35 to 44 years	12 471	1 846	1 959	3 199	2 155	3 312	1 081	109	139	138	179	516
45 to 64 years	20 595	1 569	1 559	4 644	6 135	6 688	1 281	94	215	184	189	599
65 years and over	8 365	257	281	1 060	2 778	3 989	1 116	218	129	156	152	461
Male householder, no wife present	5 053	491	445	719	1 227	2 171	6 961	907	1 058	896	1 433	2 669
15 to 24 years	445	72	34	56	112	171	2 438	230	331	305	655	917
25 to 34 years	1 129	203	146	145	282	353	2 413	389	386	288	538	812
35 to 44 years	697	103	68	167	132	227	689	144	157	109	81	198
45 to 64 years	1 222	86	124	217	285	510	781	31	95	128	87	440
65 years and over	1 560	27	73	134	416	910	640	113	89	64	72	302
Female householder, no husband present	10 694	632	525	1 266	3 081	5 190	10 620	1 726	1 616	1 680	1 766	3 832
15 to 24 years	144	46	9	15	22	52	2 778	365	330	352	681	1 050
25 to 34 years	926	156	77	155	252	286	2 619	356	440	393	502	928
35 to 44 years	1 177	94	131	254	378	320	794	76	115	159	140	304
45 to 64 years	3 236	252	180	541	957	1 306	1 621	251	200	331	207	632
65 years and over	5 211	84	128	301	1 472	3 226	2 808	678	531	445	236	918
Median age	48.3	34.5	39.5	46.7	54.0	55.0	30.0	31.8	30.4	32.0	27.4	31.3
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980	6 915	2 692	524	867	1 190	1 642	13 003	2 398	2 003	1 680	2 695	4 227
1975 to 1978	17 912	6 404	1 800	2 251	3 141	4 316	9 311	1 596	1 432	1 329	1 678	3 276
1970 to 1974	11 929	-	4 406	2 128	2 238	3 157	2 533	-	633	494	347	1 059
1960 to 1969	15 465	-	-	7 394	3 441	4 630	1 324	-	-	338	214	772
1959 or earlier	19 823	-	-	-	8 145	11 678	1 119	-	-	-	208	911
ROOMS												
1 room	43	7	7	-	20	9	424	47	50	90	14	223
2 rooms	97	11	14	11	24	37	1 371	346	293	200	207	325
3 rooms	753	68	53	102	200	330	5 403	1 078	979	898	782	1 666
4 rooms	6 711	658	526	828	2 703	1 996	9 216	1 531	1 600	1 627	1 840	2 618
5 rooms	19 163	2 948	2 073	3 634	5 799	4 709	5 961	617	836	657	1 288	2 563
6 rooms	19 107	2 427	1 789	3 216	4 979	6 696	2 612	228	211	266	629	1 278
7 or more rooms	26 170	2 977	2 268	4 849	4 430	11 646	2 303	147	99	103	382	1 572
Median	6.0	5.9	5.9	6.0	5.6	6.3	4.2	3.8	3.9	4.0	4.4	4.6
PLUMBING FACILITIES BY PERSONS PER ROOM												
Complete plumbing for exclusive use	71 510	9 089	6 717	12 628	18 075	25 001	26 694	3 960	4 039	3 811	5 020	9 864
0.50 or less	42 874	4 436	3 098	6 710	11 788	16 842	18 673	2 894	2 797	2 616	3 422	6 944
0.51 to 1.00	26 984	4 464	3 419	5 565	5 930	7 606	7 584	1 014	1 162	1 139	1 504	2 765
1.01 to 1.50	1 474	160	188	328	290	508	353	52	67	41	74	119
1.51 or more	178	29	12	25	67	45	84	-	13	15	20	36
Lacking complete plumbing for exclusive use	534	7	13	12	80	422	596	34	29	30	122	381
0.50 or less	416	5	9	9	59	334	360	22	29	18	66	225
0.51 to 1.00	99	2	4	3	16	74	217	12	-	12	50	143
1.01 to 1.50	19	-	-	-	5	14	6	-	-	-	6	-
1.51 or more	-	-	-	-	-	-	13	-	-	-	-	13
PERSONS IN UNIT												
1 person	9 610	586	477	1 028	2 731	4 788	10 978	1 866	1 720	1 713	1 753	3 926
2 persons	21 819	2 177	1 427	3 458	6 857	7 900	8 430	1 260	1 282	1 116	1 694	3 078
3 persons	12 628	1 907	1 256	2 266	3 118	4 081	3 968	463	570	558	897	1 480
4 persons	14 246	2 678	1 808	2 879	2 901	3 980	2 375	279	307	315	481	993
5 persons	7 915	1 194	1 143	1 712	1 483	2 383	948	50	115	116	199	468
6 or more persons	5 826	554	619	1 297	1 065	2 291	591	76	74	23	118	300
Median	2.86	3.44	3.61	3.31	2.43	2.51	1.82	1.60	1.74	1.69	1.98	1.89
Total persons	226 189	31 214	24 156	43 289	51 324	76 206	57 743	7 638	8 340	7 429	11 497	22 839
UNITS IN STRUCTURE												
1, detached or attached	67 559	8 164	5 848	12 025	17 889	23 633	7 810	509	452	716	2 225	3 908
2	2 130	163	83	98	180	1 606	8 751	815	649	716	2 089	4 482
3 and 4	254	77	20	16	18	123	2 669	287	294	534	504	1 050
5 to 9	60	11	13	8	7	21	2 493	538	797	520	161	477
10 to 49	220	68	73	53	7	19	3 885	1 230	1 258	1 060	109	228
50 or more	-	-	-	-	-	-	1 375	556	514	187	31	87
Mobile home or trailer, etc.	1 821	613	693	440	54	21	307	59	104	108	23	13
SELECTED CHARACTERISTICS												
Heating equipment	72 030	9 086	6 730	12 640	18 155	25 419	27 272	3 994	4 068	3 830	5 142	10 238
Steam or hot water system	8 908	686	721	2 281	1 951	3 269	5 703	632	1 262	1 089	844	1 876
Central worm-air furnace or electric heat pump	56 303	7 065	5 375	9 593	14 839	19 431	15 040	1 582	1 841	2 090	3 197	6 330
Other built-in electric units	1 788	917	343	245	140	143	2 952	1 576	674	388	132	182
Floor, wall, or pipeless furnace	902	39	60	81	252	470	631	67	62	34	208	260
Other means	4 129	379	231	440	973	2 106	2 946	137	229	229	761	1 590
Air conditioning	28 350	2 889	2 788	5 646	8 405	8 622	9 139	1 929	2 117	1 941	1 115	2 037
Central system	9 079	1 603	1 370	2 473	2 530	1 103	1 305	334	402	286	141	142
1 or more individual room units	19 271	1 286	1 418	3 173	5 875	7 519	7 834	1 595	1 715	1 655	974	1 895
House heating fuel	72 030	9 086	6 730	12 640	18 155	25 419	27 272	3 994	4 068	3 830	5 142	10 238
Utility gas	42 862	5 641	4 812	8 801	8 719	14 889	17 713	1 775	2 848	2 887	3 439	6 764
Bottled, tank, or LP gas	3 535	525	591	649	550	1 220	846	88	106	101	154	397
Electricity	2 335	1 270	392	275	211	187	3 826	1 947	897	470	235	277
Fuel oil, kerosene, etc.	22 070	1 428	803	2 764	8 477	8 598	4 703	153	208	354	1 296	2 692
Other	1 228	222	132	151	198	525	184	31	9	18	18	108
Income in 1979 below poverty level	2 893	227	236	338	675	1 417	4 016	513	533	439	781	1 750
Percent below poverty level	4.0	2.5	3.5	2.7	3.7	5.6	14.7	12.8	13.1	11.4	15.2	17.1
HOUSEHOLD INCOME IN 1979												
Less than \$5,000	3 974	210	201	426	983	2 154	4 741	866	758	571	677	1 869
\$5,000 to \$9,999	7 646	361	395	863	2 130	3 897	6 158	746	749	804	1 305	2 554
\$10,000 to \$12,499	4 344	345	299	501	1 276	1 923	3 003	368	392	501	575	1 167
\$12,500 to \$14,999	4 614	399	326	631	1 280	1 978	2 655	357	389	387	538	984
\$15,000 to \$19,999	11 236	1 643	1 084	1 649	2 832	4 028	5 030	776	823	798	915	1 718
\$20,000 to \$24,999	12 842	2 006										

Table A—8. Units in Structure for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA	Owner-occupied housing units				Renter-occupied housing units							
	Total	1 unit, detached or attached	2 or more units	Mobile home or trailer, etc.	Total	1 unit, detached or attached	2 units	3 and 4 units	5 to 9 units	10 to 49 units	50 or more units	Mobile home or trailer, etc.
Occupied housing units	72 044	67 559	2 664	1 821	27 290	7 810	8 751	2 669	2 493	3 885	1 375	307
Condominium housing units	376	108	268	—	165	15	6	—	34	94	16	—
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER												
Married-couple families	56 297	53 719	1 423	1 155	9 709	4 063	3 391	612	571	831	120	121
15 to 24 years	1 819	1 546	61	212	2 568	766	1 127	185	161	287	11	31
25 to 34 years	13 047	12 336	300	411	3 663	1 500	1 410	254	221	195	37	46
35 to 44 years	12 471	12 072	205	194	1 081	653	288	44	33	38	4	21
45 to 64 years	20 595	19 915	475	205	1 281	716	249	84	53	138	26	15
65 years and over	8 365	7 850	382	133	1 116	428	317	45	103	173	42	8
Male householder, no wife present	5 053	4 217	463	373	6 961	1 762	2 103	759	717	1 274	247	99
15 to 24 years	445	314	60	71	2 438	494	882	301	299	369	64	29
25 to 34 years	1 129	897	139	93	2 413	695	693	257	238	455	46	29
35 to 44 years	697	559	78	60	689	152	195	63	54	200	10	15
45 to 64 years	1 222	1 017	100	105	781	215	189	99	77	171	18	12
65 years and over	1 560	1 430	86	44	640	206	144	39	49	79	109	14
Female householder, no husband present	10 694	9 623	778	293	10 620	1 985	3 257	1 298	1 205	1 780	1 008	87
15 to 24 years	144	113	2	29	2 778	397	991	464	338	497	63	28
25 to 34 years	926	798	70	58	2 619	489	1 031	276	405	376	25	17
35 to 44 years	1 177	1 102	49	26	794	276	224	74	75	102	28	15
45 to 64 years	3 236	2 948	187	101	1 621	391	415	227	160	301	117	10
65 years and over	5 211	4 662	470	79	2 808	432	596	257	227	504	775	17
Median age	48.3	48.3	56.2	36.4	30.0	32.9	28.1	28.6	28.9	30.7	71.4	29.5
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980	6 915	6 159	274	482	13 003	3 105	4 281	1 487	1 396	2 052	528	154
1975 to 1978	17 912	16 461	663	788	9 311	2 604	3 128	799	807	1 387	481	105
1970 to 1974	11 929	11 157	374	398	2 533	743	703	202	210	306	335	34
1960 to 1969	15 465	14 971	357	137	1 324	612	339	143	66	131	23	10
1959 or earlier	19 823	18 811	996	16	1 119	746	300	38	14	9	8	4
ROOMS												
1 room	43	35	6	2	424	47	14	37	84	209	26	7
2 rooms	97	63	14	20	1 371	104	142	198	211	427	261	28
3 rooms	753	537	132	84	5 403	421	1 259	844	672	1 364	813	30
4 rooms	6 711	5 185	729	797	9 216	1 789	3 830	1 058	960	1 256	197	126
5 rooms	19 163	17 545	868	750	5 961	2 002	2 535	402	453	427	62	80
6 rooms	19 107	18 435	541	131	2 612	1 520	747	84	88	133	16	24
7 or more rooms	26 170	25 759	374	37	2 303	1 927	224	46	25	69	—	12
Median	6.0	6.1	5.0	4.5	4.2	5.3	4.3	3.7	3.8	3.5	3.0	4.2
PLUMBING FACILITIES BY PERSONS PER ROOM												
Complete plumbing for exclusive use	71 510	67 173	2 539	1 798	26 694	7 702	8 550	2 563	2 390	3 839	1 348	302
0.50 or less	42 874	39 941	1 934	999	18 673	4 716	5 810	2 021	1 754	3 042	1 132	198
0.51 to 1.00	26 984	25 677	559	748	7 584	2 792	2 609	516	589	763	216	99
1.01 to 1.50	1 474	1 381	42	51	353	148	124	10	37	29	—	5
1.51 or more	178	174	4	—	84	46	7	16	10	5	—	—
Lacking complete plumbing for exclusive use	534	386	125	23	596	108	201	106	103	46	27	5
0.50 or less	416	324	76	16	360	82	121	69	49	17	19	3
0.51 to 1.00	99	50	42	7	217	24	67	37	50	29	8	2
1.01 to 1.50	19	12	—	—	6	—	6	—	—	—	—	—
1.51 or more	—	—	—	—	13	2	7	—	4	—	—	—
BEDROOMS												
None	43	35	6	2	574	52	44	89	121	235	26	7
1	1 853	1 312	381	160	8 354	885	2 261	1 166	874	2 006	1 104	58
2	14 719	12 295	1 416	1 008	12 696	3 026	5 279	1 232	1 290	1 467	239	163
3	38 160	36 894	642	624	4 142	2 511	1 056	141	200	152	6	76
4	14 143	13 977	147	19	1 122	987	82	29	2	19	—	3
5 or more	3 126	3 046	72	8	402	349	29	12	6	6	—	—
HOUSEHOLD INCOME IN 1979												
Less than \$5,000	3 974	3 585	221	168	4 741	827	1 252	550	493	719	846	54
\$5,000 to \$9,999	7 646	6 791	580	275	6 158	1 450	2 164	648	655	830	312	99
\$10,000 to \$12,499	4 344	3 991	192	161	3 003	731	1 086	271	265	570	32	48
\$12,500 to \$14,999	4 614	4 241	202	171	2 655	763	945	301	240	360	27	19
\$15,000 to \$19,999	11 236	10 424	387	425	5 030	1 655	1 604	456	423	753	100	39
\$20,000 to \$24,999	12 842	12 129	402	311	2 986	1 170	1 008	206	212	332	32	26
\$25,000 to \$34,999	16 347	15 651	423	273	1 992	819	525	204	148	262	18	16
\$35,000 to \$49,999	7 516	7 296	195	25	545	289	127	28	44	43	8	6
\$50,000 or more	3 525	3 451	62	12	180	106	40	5	13	16	—	—
Median	\$21 524	\$21 831	\$16 631	\$16 406	\$12 286	\$15 345	\$12 209	\$11 259	\$10 929	\$11 726	\$4 432	\$10 026
Mean	\$23 772	\$24 150	\$18 967	\$16 745	\$13 954	\$16 640	\$13 535	\$14 218	\$12 593	\$12 982	\$6 508	\$11 972
SELECTED CHARACTERISTICS												
Heating equipment	72 030	67 548	2 664	1 818	27 272	7 810	8 744	2 669	2 489	3 878	1 375	307
Steam or hot water system	8 908	8 369	529	10	5 703	787	1 141	791	907	1 493	568	16
Central warm-air furnace or electric heat pump	56 303	53 024	1 719	1 560	15 040	5 370	5 785	1 318	938	997	415	217
Other built-in electric units	1 788	1 581	194	13	2 952	209	468	277	471	1 217	303	7
Floor, wall, or pipeless furnace	902	774	43	85	631	252	197	35	56	27	46	18
Other means	4 129	3 800	179	150	2 946	1 192	1 153	248	117	144	43	49
Air conditioning	28 350	26 603	1 146	601	9 139	1 744	1 858	874	1 346	2 630	616	71
Central system	9 079	8 748	199	132	1 305	230	278	197	149	357	90	4
Vehicles available	68 908	64 731	2 391	1 786	23 396	7 239	7 675	2 274	2 113	3 166	667	262
1	23 163	21 140	1 239	784	14 258	3 512	4 742	1 654	1 438	2 223	521	168
2 or more	45 745	43 591	1 152	1 002	9 138	3 727	2 933	620	675	943	146	94
House heating fuel	72 030	67 548	2 664	1 818	27 272	7 810	8 744	2 669	2 489	3 878	1 375	307
Utility gas	42 862	40 082	1 811	969	17 713	4 485	6 617	1 850	1 519	2 183	916	143
Bottled, tank, or LP gas	3 535	2 965	79	491	846	467	161	48	17	53	7	93
Electricity	2 335	2 066	245	24	3 826	304	591	387	641	1 484	407	12
Fuel oil, kerosene, etc.	22 070	21 275	516	279	4 703	2 438	1 356	378	312	144	21	54
Other	1 228	1 160	13	55	184	116	19	6	—	14	24	5
Water heating fuel	71 928	67 462	2 662	1 804	27 218	7 755	8 744	2 666	2 493	3 883	1 375	302
Utility gas	36 835	34 559	1 618	658	16 080	3 995	6 096	1 768	1 336	1 960	826	99
Bottled, tank, or LP gas	4 078	3 553	90	435	1 006	568	266	18	47	31	5	71
Electricity	28 637	27 055	890	692	9 354	2 929	2 234	747	960	1 844	512	128
Fuel oil, kerosene, etc.	2 296	2 222	64	10	745	259	141	133	144	41	23	4
Other	82	73	—	3	33	4	7	—	6	7	9	—
Family householder	61 499	58 507	1 682	1 310	13 159	5 262	4 554	921	940	1 111	208	163
With own children under 18 years	34 242	32 822	646	774	7 487	3 239	2 744	415	507	391	100	91
With												

Table A—9. Owner- and Renter-Occupied Housing Units by Size of Household: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

The SMSA	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 or more persons	Median	Total persons
Owner-occupied housing units	72 044	9 610	21 819	12 628	14 246	7 915	3 522	1 476	828	2.86	226 189
Nonrelatives present	1 790	—	726	395	244	123	145	87	70	2.93	6 401
ROOMS											
1 to 3 rooms	893	431	330	48	51	14	16	—	3	1.55	1 707
4 rooms	6 711	2 321	2 963	965	325	107	26	4	—	1.85	13 655
5 rooms	19 163	3 018	6 805	3 479	3 562	1 631	473	106	89	2.46	53 268
6 rooms	19 107	1 988	5 941	3 710	3 971	2 116	894	326	161	2.94	60 102
7 rooms	13 414	1 119	3 354	2 382	3 253	1 871	877	404	154	3.44	46 886
8 or more rooms	12 756	733	2 426	2 044	3 084	2 176	1 236	636	421	3.88	50 571
Median	6.0	5.2	5.6	6.0	6.3	6.5	6.9	7.2	7.5	...	...
PLUMBING FACILITIES BY PERSONS PER ROOM											
Complete plumbing for exclusive use	71 510	9 357	21 675	12 560	14 213	7 908	3 498	1 474	825	2.88	225 071
1.00 or less	69 858	9 357	21 661	12 549	14 162	7 787	3 001	1 038	303	2.81	214 115
1.01 to 1.50	1 474	—	—	6	44	107	481	432	404	6.73	9 806
1.51 or more	178	—	14	5	7	14	16	4	118	7.85	1 150
Lacking complete plumbing for exclusive use	534	253	144	68	33	7	24	2	3	1.60	1 118
1.00 or less	515	253	144	68	33	7	6	2	2	1.53	986
1.01 to 1.50	19	—	—	—	—	—	18	—	1	6.03	132
1.51 or more	—	—	—	—	—	—	—	—	—	—	—
UNITS IN STRUCTURE											
1, detached or attached	67 559	8 303	20 262	11 944	13 692	7 655	3 438	1 444	821	2.94	213 504
2 or more	2 664	863	993	292	292	134	58	25	7	1.97	7 890
Mobile home or trailer, etc.	1 821	444	564	392	262	126	26	7	—	2.33	4 795
VALUE											
Specified owner-occupied housing units	59 726	7 500	17 934	10 695	12 267	6 701	2 830	1 186	613	2.91	184 501
Less than \$10,000	357	159	122	43	17	8	8	—	—	1.66	734
\$10,000 to \$19,999	2 609	858	936	340	173	140	111	36	15	1.98	6 656
\$20,000 to \$29,999	8 125	1 970	2 852	1 323	1 041	440	264	152	83	2.23	19 722
\$30,000 to \$39,999	12 900	1 895	4 266	2 346	2 241	1 273	496	256	127	2.62	36 957
\$40,000 to \$49,999	13 180	1 258	3 914	2 454	2 811	1 678	630	310	125	3.08	41 321
\$50,000 to \$59,999	9 204	617	2 531	1 797	2 328	1 260	443	119	109	3.31	31 137
\$60,000 to \$79,999	8 985	490	2 268	1 649	2 443	1 265	583	195	92	3.53	31 873
\$80,000 to \$99,999	2 689	150	597	487	800	373	174	71	37	3.64	9 774
\$100,000 to \$149,999	1 255	75	345	195	308	178	109	32	13	3.54	4 768
\$150,000 or more	422	28	103	61	105	86	12	15	12	3.68	1 559
Median	\$44 300	\$33 600	\$41 900	\$45 200	\$49 500	\$48 900	\$48 500	\$44 500	\$46 400	...	...
SELECTED CHARACTERISTICS											
All income levels in 1979	72 044	9 610	21 819	12 628	14 246	7 915	3 522	1 476	828	2.86	226 189
Median income	\$21 524	\$8 338	\$19 183	\$23 547	\$24 605	\$25 601	\$27 372	\$28 997	\$34 575	...	...
Median selected monthly owner costs as percentage of household income	16.4	24.4	14.5	15.3	17.2	16.3	14.8	13.8	11.9	...	...
With a mortgage	18.8	26.9	18.8	18.8	17.8	17.8	17.0	13.9	13.9	...	...
Not mortgaged	11.7	23.2	12.1	10—	10—	10—	10—	10—	10—	...	...
Income in 1979 below poverty level	2 893	1 051	625	344	388	260	132	47	46	2.13	...
Median income	\$3 248	\$2 679	\$2 884	\$3 430	\$5 028	\$5 327	\$5 938	\$7 937	\$9 444	...	...
Median selected monthly owner costs as percentage of household income	50+	50+	50+	50+	50+	50+	38.0	24.6	50+	...	...
With a mortgage	50+	50+	50+	50+	50+	50+	47.9	41.3	23.8	...	...
Not mortgaged	50+	50+	50+	31.5	37.5	36.3	21.8	17.5	50+	...	...
Renter-occupied housing units	27 290	10 978	8 430	3 968	2 375	948	359	150	82	1.82	57 743
Nonrelatives present	3 767	—	2 474	777	331	88	56	32	9	2.26	9 613
ROOMS											
1 room	424	380	28	2	10	—	4	—	—	1.06	525
2 rooms	1 371	1 123	216	28	2	2	—	—	—	1.11	1 621
3 rooms	5 403	4 146	1 066	147	28	16	—	—	—	1.15	6 730
4 rooms	9 216	3 335	3 630	1 523	633	88	—	7	—	1.85	17 767
5 rooms	5 961	1 371	2 213	1 195	750	299	113	15	5	2.23	14 885
6 rooms	2 612	386	744	638	484	209	80	46	25	2.78	7 834
7 or more rooms	2 303	237	533	435	468	334	162	82	52	3.38	8 381
Median	4.2	3.5	4.3	4.7	5.2	5.8	6.3	6.7	6.9	...	...
PLUMBING FACILITIES BY PERSONS PER ROOM											
Complete plumbing for exclusive use	26 694	10 630	8 290	3 933	2 319	938	352	150	82	1.83	56 692
1.00 or less	26 257	10 630	8 262	3 903	2 292	834	239	82	15	1.80	54 323
1.01 to 1.50	353	—	—	28	22	88	113	61	41	5.84	1 930
1.51 or more	84	—	28	2	5	16	—	7	26	4.94	439
Lacking complete plumbing for exclusive use	596	348	140	35	56	10	7	—	—	1.36	1 051
1.00 or less	577	348	140	35	43	8	3	—	—	1.33	959
1.01 to 1.50	6	—	—	—	6	—	—	—	—	4.00	21
1.51 or more	13	—	—	—	7	2	4	—	—	4.43	71
UNITS IN STRUCTURE											
1, detached or attached	7 810	1 792	2 321	1 418	1 228	615	236	124	76	2.41	21 955
2	8 751	3 027	2 955	1 684	747	209	99	24	6	1.96	18 511
3 and 4	2 669	1 377	912	253	94	29	4	—	—	1.47	4 461
5 to 9	2 493	1 202	841	241	135	64	10	—	—	1.55	4 537
10 to 49	3 885	2 369	1 144	231	108	23	10	—	—	1.32	5 861
50 or more	1 375	1 099	158	99	19	—	—	—	—	1.13	1 778
Mobile home or trailer, etc.	307	112	99	42	44	8	—	2	—	1.92	640
GROSS RENT											
Specified renter-occupied housing units	26 011	10 704	8 071	3 732	2 189	802	314	135	64	1.79	53 985
Less than \$100	1 596	1 332	169	58	15	11	11	—	—	1.10	1 941
\$100 to \$149	2 262	1 574	431	130	84	37	—	—	—	1.22	3 198
\$150 to \$199	5 605	3 044	1 714	575	167	62	8	28	7	1.42	9 203
\$200 to \$249	7 670	3 055	2 661	1 210	572	104	47	13	8	1.79	14 978
\$250 to \$299	4 792	973	1 856	952	617	241	106	37	10	2.27	12 280
\$300 to \$349	1 973	272	658	462	356	156	44	12	13	2.62	5 704
\$350 to \$399	742	66	208	158	177	69	44	17	3	3.11	2 522
\$400 to \$499	344	29	67	40	116	53	24	2	13	3.81	1 392
\$500 or more	127	36	16	10	21	12	15	13	4	3.57	504
No cash rent	900	323	291	137	64	57	15	13	—	1.94	2 263
Median	\$219	\$188	\$230	\$244	\$266	\$285	\$278	\$278	\$304	...	...
SELECTED CHARACTERISTICS											
All income levels in 1979	27 290	10 978	8 430	3 968	2 375	948	359	150	82	1.82	57 743
Median income	\$12 286	\$8 277	\$15 237	\$15 253	\$16 191	\$16 191	\$20 947	\$20 172	\$20 000	...	...
Median gross rent as percentage of household income	21.9	25.0	19.2	19.9	19.6	22.3	19.0	18.8	18.3	...	...
Income in 1979 below poverty level	4 016	1 757	998	550	368	217	60	43	23	1.75	...
Median income	\$3 488	\$2 500—	\$3 713	\$4 633	\$6 418	\$5 870	\$13 500	\$8 583	\$9 861	...	...
Median gross rent as percentage of household income	50+	50+	50+	50+	50+	50+	38.1	30.0	41.7	...	...

Table A—10. Household Composition and Age of Householder for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

The SMSA	Married-couple families										Male householder, no wife present					Female householder, no husband present					Median age
	15 to 24 years		25 to 34 years		35 to 44 years		45 to 64 years		65 years and over		15 to 24 years		25 to 34 years		35 to 44 years		45 to 64 years		65 years and over		
	Total	Owner-occupied housing units	Total	Owner-occupied housing units	Total	Owner-occupied housing units	Total	Owner-occupied housing units	Total	Owner-occupied housing units	Total	Owner-occupied housing units	Total	Owner-occupied housing units	Total	Owner-occupied housing units	Total	Owner-occupied housing units	Total	Owner-occupied housing units	
72 044	1 819	13 047	12 471	20 595	8 365	445	1 129	697	1 222	1 560	144	926	1 177	3 236	5 211	48.3					
9 610	843	2 472	697	7 470	7 077	285	718	377	731	1 221	71	279	1 67	1 652	4 109	67.0					
21 819	579	3 118	1 352	5 059	1 003	91	270	119	266	245	44	219	224	904	878	60.7					
12 628	348	4 703	4 370	3 803	2 051	45	112	100	108	58	27	281	318	315	153	46.6					
14 246	49	2 060	2 689	2 108	40	18	25	67	61	19	—	101	261	233	25	38.4					
7 915	—	2 694	2 155	40	—	2	2	10	32	17	—	15	87	63	37	39.8					
5 826	2,61	3,70	4,46	3,06	2,09	1,28	1,29	1,42	1,34	1,14	1,52	2,34	3,12	1,48	1,13	43.1					
226 189	5 164	47 107	57 739	70 493	18 285	770	1 770	1 367	2 255	2 074	259	2 139	3 844	6 192	6 731	...					
71 510	1 815	13 033	12 450	20 486	8 299	425	1 116	679	1 190	1 482	144	919	1 177	3 217	5 078	48.2					
1 652	21	260	745	538	24	2	—	2	10	3	—	2	23	15	7	42.6					
534	4	14	21	109	66	20	13	18	32	78	—	7	—	19	133	65.7					
19	—	2	7	9	—	—	—	—	—	—	—	—	—	—	—	47.5					
59 726	1 472	11 418	10 760	16 875	6 747	292	809	493	746	1 212	102	764	1 024	2 703	4 309	47.6					
35 920	1 420	10 968	9 340	8 368	565	241	739	405	314	80	77	707	859	939	1 98	37.9					
167	167	1 696	3 359	4 754	86	24	86	135	101	23	15	34	87	175	38	44.5					
8 946	410	3 216	2 625	1 927	102	40	191	100	67	8	15	48	121	146	15	36.6					
20 to 24 percent	364	2 932	1 625	828	109	63	139	57	41	9	14	88	181	147	15	34.2					
25 to 29 percent	240	1 517	918	347	89	58	125	34	49	11	3	107	131	128	19	34.1					
30 to 34 percent	102	797	451	137	55	8	80	27	4	—	—	107	83	55	—	33.8					
35 percent or more	133	806	440	363	124	48	112	46	46	15	33	313	231	282	109	36.4					
Not computed	87	4	4	12	—	—	6	6	6	—	6	3	25	6	2	37.8					
Median	21.8	21.0	17.6	14.1	24.3	24.5	23.2	18.2	19.0	25.0	25.8	33.2	26.1	24.9	36.6	...					
Not mortgaged	52	450	1 420	8 507	6 182	51	70	88	432	1 132	25	57	165	1 764	4 111	63.9					
Less than 10 percent	20	262	1 043	6 051	4 232	19	43	54	220	195	9	10	22	464	572	57.2					
10 to 14 percent	28	124	275	1 604	1 868	22	10	13	96	183	6	12	47	516	570	64.6					
15 to 19 percent	—	48	36	429	1 235	—	5	1	38	221	—	15	29	290	530	69.7					
20 to 24 percent	—	6	12	163	803	—	10	7	11	124	—	—	27	197	538	72.0					
25 to 29 percent	—	2	14	113	278	—	2	2	14	108	—	8	25	77	511	73.2					
30 to 34 percent	—	7	7	40	204	5	—	—	21	65	—	—	—	56	357	73.2					
35 percent or more	4	8	33	93	234	3	2	7	25	234	7	12	15	157	1 159	73.1					
Not computed	69	—	—	14	7	2	—	4	7	2	3	—	—	23	64.5	...					
Median	11.1	10—	10—	14.1	14.1	11.3	10—	10—	10—	19.2	11.7	17.2	17.3	14.0	24.8	...					
27 290	2 568	3 663	1 081	1 281	1 116	2 438	2 413	689	781	640	2 778	2 619	794	1 621	2 808	30.0					
10 978	1 346	1 220	180	579	—	1 221	1 498	511	624	571	1 216	1 277	278	1 207	2 575	38.1					
8 430	824	1 094	147	284	91	856	670	118	93	57	1 079	700	103	247	193	27.5					
3 968	327	946	314	177	24	225	139	43	36	2	338	400	215	36	36	27.5					
2 375	57	291	214	146	2	99	72	4	13	6	102	146	94	51	—	29.7					
5 persons	14	112	226	95	10	26	29	5	7	—	19	85	58	5	4	34.3					
6 or more persons	2,45	3,06	4,18	2,72	2,06	1,50	1,31	1,17	1,13	1,06	1,66	1,55	2,57	1,17	1,05	38.2					
Median	6 736	11 882	4 788	4 113	2 338	4 109	3 692	977	1 058	699	5 037	4 953	2 068	2 286	3 007	...					
57 743	2 526	3 628	1 070	1 264	1 099	2 332	2 380	681	710	578	2 684	2 601	778	1 610	2 753	30.0					
Complete plumbing for exclusive use	29	120	104	47	7	—	16	2	8	—	33	20	28	17	6	35.0					
1.01 or more persons per room	42	35	11	17	17	106	33	8	71	62	94	18	16	11	55	29.4					
Locking complete plumbing for exclusive use	—	6	—	2	—	7	—	—	—	4	—	—	—	—	—	27.1					
1.01 or more persons per room	19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	...					
26 011	2 422	3 388	949	1 133	1 029	2 389	2 317	665	746	568	2 766	2 593	776	1 587	2 723	29.8					
Less than 1.5 percent	620	1 129	285	473	121	575	808	272	340	23	284	338	90	239	154	29.4					
1.5 to 19 percent	752	954	233	209	123	534	575	435	123	48	470	246	221	246	246	28.0					
20 to 24 percent	425	534	142	90	194	309	416	42	61	133	352	426	110	245	455	29.5					
25 to 29 percent	224	325	49	80	82	233	155	54	50	82	267	393	108	149	414	30.3					
30 to 34 percent	111	93	54	45	159	133	83	14	49	55	211	214	93	181	241	36.2					
35 to 49 percent	166	113	48	64	153	243	101	50	39	94	419	299	210	474	474	33.6					
50 percent or more	101	122	80	36	44	323	134	68	39	61	712	435	132	243	544	29.3					
Not computed	23	78	58	136	153	37	45	30	45	94	51	45	28	99	195	55.5					
Median	18.9	17.7	18.4	15.6	25.0	21.1	17.9	16.7	15.4	28.4	29.7	25.9	27.4	26.3	29.9	...					

Table A—11. Age and Sex of Householder in One-Person Households for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA	Male householder							Female householder					
	Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	
Owner-occupied housing units	9 610	3 332	285	718	377	731	1 221	6 278	71	279	167	1 652	4 109
PLUMBING FACILITIES													
Complete plumbing for exclusive use	9 357	3 205	265	707	362	707	1 164	6 152	71	279	167	1 642	3 993
Locking complete plumbing for exclusive use	253	127	20	11	15	24	57	126	—	—	—	10	116
UNITS IN STRUCTURE													
1, detached or attached	8 303	2 759	198	563	294	599	1 105	5 544	55	207	158	1 467	3 657
2 or more	863	292	32	89	37	62	72	571	—	37	9	132	393
Mobile home or trailer, etc.	444	281	55	66	46	70	44	163	16	35	—	53	59
HOUSEHOLD INCOME IN 1979													
Less than \$5,000	2 656	574	9	35	32	97	401	2 082	13	15	16	279	1 759
\$5,000 to \$9,999	2 946	715	58	38	21	101	497	2 231	19	65	37	521	1 589
\$10,000 to \$12,499	1 071	354	51	74	29	84	116	717	9	69	25	254	360
\$12,500 to \$14,999	787	362	33	152	23	86	68	425	9	53	29	206	128
\$15,000 to \$19,999	1 083	650	103	264	103	125	55	433	21	61	38	207	106
\$20,000 to \$24,999	480	309	23	95	70	94	27	171	—	9	17	97	48
\$25,000 to \$34,999	371	221	6	48	36	94	37	150	—	7	5	71	67
\$35,000 to \$49,999	141	107	—	10	54	23	20	34	—	—	—	10	24
\$50,000 or more	75	40	2	2	9	27	—	35	—	—	—	7	28
Median	\$8 338	\$12 659	\$14 356	\$15 938	\$19 201	\$14 927	\$6 668	\$6 979	\$10 972	\$12 156	\$12 974	\$10 256	\$5 737
Mean	\$10 695	\$14 102	\$14 341	\$16 291	\$21 087	\$17 464	\$8 589	\$8 887	\$10 206	\$12 286	\$12 807	\$11 359	\$7 480
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS													
Specified owner-occupied housing units	7 500	2 345	187	496	251	455	956	5 155	44	200	153	1 366	3 392
With a mortgage	1 776	975	146	446	200	136	47	801	23	188	125	350	115
Less than \$200	222	88	20	30	8	19	11	134	9	19	6	69	31
\$200 to \$249	280	125	29	50	20	19	7	155	2	28	17	71	37
\$250 to \$299	369	199	3	111	60	20	5	170	10	37	12	89	22
\$300 to \$349	292	189	35	83	19	42	10	103	—	36	32	34	1
\$350 to \$399	211	112	21	45	22	17	7	99	—	41	23	33	2
\$400 to \$499	239	158	28	66	49	15	—	81	2	13	35	25	6
\$500 to \$599	93	57	2	41	10	4	—	36	—	6	—	22	8
\$600 to \$749	55	34	8	14	12	—	—	21	—	6	—	7	8
\$750 or more	15	13	—	6	—	—	—	2	—	2	—	—	—
Median	\$303	\$320	\$330	\$319	\$332	\$312	\$302	\$283	\$252	\$314	\$343	\$270	\$236
Not mortgaged	5 724	1 370	41	50	51	319	909	4 354	21	12	28	1 016	3 277
Less than \$50	18	13	—	—	9	2	—	5	—	—	—	—	5
\$50 to \$74	196	63	2	—	—	7	54	133	6	—	—	20	107
\$75 to \$99	826	222	9	10	—	74	129	604	7	5	7	97	488
\$100 to \$124	1 581	383	9	7	20	62	285	1 198	—	7	13	346	832
\$125 to \$149	1 398	283	—	—	13	73	189	1 115	3	—	6	302	804
\$150 to \$199	1 146	259	14	25	7	45	168	887	—	—	2	156	729
\$200 to \$249	375	73	7	—	2	30	34	302	5	—	—	74	223
\$250 or more	184	74	—	—	—	26	48	110	—	—	—	21	89
Median	\$129	\$125	\$152	\$150	\$121	\$130	\$124	\$130	\$91	\$104	\$113	\$129	\$131
SELECTED CHARACTERISTICS													
Median selected monthly owner costs as percentage of household income in 1979	24.4	21.8	25.7	25.0	19.5	13.6	22.9	25.6	19.2	28.7	25.7	19.2	28.1
With a mortgage	26.9	25.1	26.9	26.1	20.7	20.8	31.1	28.9	21.3	29.1	27.8	28.1	42.3
Not mortgaged	23.2	18.3	12.1	11.0	10—	11.3	22.1	24.6	11.7	10—	14.7	16.6	27.9
Income in 1979 below poverty level	1 051	260	4	30	28	52	146	791	8	15	16	180	572
Percent below poverty level	10.9	7.8	1.4	4.2	7.4	7.1	12.0	12.6	11.3	5.4	9.6	10.9	13.9
Renter-occupied housing units	10 978	4 425	1 221	1 498	511	624	571	6 553	1 216	1 277	278	1 207	2 575
PLUMBING FACILITIES													
Complete plumbing for exclusive use	10 630	4 208	1 155	1 476	503	559	515	6 422	1 149	1 271	272	1 201	2 529
Locking complete plumbing for exclusive use	348	217	66	22	8	65	56	131	67	6	6	6	46
UNITS IN STRUCTURE													
1, detached or attached	1 792	944	191	363	77	150	163	848	129	165	43	174	337
2	3 027	1 248	429	429	132	133	125	1 779	406	461	58	321	533
3 and 4	1 377	519	181	156	55	88	39	858	244	143	48	183	240
5 to 9	1 202	467	158	149	44	71	45	735	125	213	40	154	203
10 to 49	2 369	992	227	355	179	152	79	1 377	279	280	74	262	482
50 or more	1 099	183	14	32	10	18	109	916	26	7	8	106	769
Mobile home or trailer, etc.	112	72	21	14	14	12	11	40	7	8	7	7	11
HOUSEHOLD INCOME IN 1979													
Less than \$5,000	3 405	824	275	108	78	117	246	2 581	394	186	32	364	1 605
\$5,000 to \$9,999	3 210	1 099	382	271	76	115	255	2 111	497	462	81	381	690
\$10,000 to \$12,499	1 338	634	229	240	43	98	24	704	149	256	54	131	114
\$12,500 to \$14,999	946	397	127	214	30	20	6	549	81	217	51	133	67
\$15,000 to \$19,999	1 357	905	190	478	92	133	12	452	89	139	32	137	55
\$20,000 to \$24,999	467	350	16	123	126	71	14	117	6	17	28	47	19
\$25,000 to \$34,999	206	173	2	54	41	62	14	33	—	—	—	14	19
\$35,000 to \$49,999	43	37	—	10	19	8	—	6	—	—	—	—	6
\$50,000 or more	6	6	—	—	6	—	—	—	—	—	—	—	—
Median	\$8 277	\$11 142	\$9 401	\$14 019	\$16 250	\$12 041	\$5 621	\$6 608	\$7 610	\$9 926	\$11 204	\$8 077	\$4 396
Mean	\$9 411	\$11 941	\$9 435	\$13 729	\$16 193	\$13 822	\$6 743	\$7 703	\$7 584	\$9 927	\$11 502	\$9 020	\$5 630
GROSS RENT													
Specified renter-occupied housing units	10 704	4 262	1 193	1 450	498	605	516	6 442	1 213	1 274	267	1 180	2 508
Less than \$100	1 332	276	37	29	2	89	119	1 056	31	16	6	160	843
\$100 to \$149	1 574	546	104	103	49	128	162	1 028	214	153	21	179	461
\$150 to \$199	3 044	1 422	518	562	146	143	53	1 622	457	397	82	258	428
\$200 to \$249	3 055	1 292	443	443	186	149	71	1 763	360	501	87	365	450
\$250 to \$299	973	386	67	171	67	43	38	587	111	156	51	132	137
\$300 to \$349	272	139	14	80	26	6	13	133	16	28	—	44	45
\$350 to \$399	66	36	2	29	—	5	—	30	—	6	6	4	14
\$400 to \$499	29	11	—	5	6	—	—	18	—	7	9	—	2
\$500 or more	36	22	—	15	4	2	1	14	5	—	5	4	—
No cash rent	323	132	8	13	12	40	59	191	19	10	—	34	128
Median	\$188	\$194	\$190	\$202	\$210	\$174	\$137	\$183	\$187	\$205	\$212	\$197	\$138
SELECTED CHARACTERISTICS													
Median gross rent as percentage of household income in 1979	25.0	21.1	25.5	18.9	16.0	16.3	28.7	28.1	29.8	24.1	23.6	26.5	30.7
Income in 1979 below poverty level	1 757	537	200	103	73	53							

Table A—12. Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA					The SMSA				
	Total	Less than 2 months	2 up to 6 months	6 or more months		Total	Less than 2 months	2 up to 6 months	6 or more months
Vacant for sale only housing units	659	166	290	203	Vacant for rent housing units	1 228	559	429	240
ROOMS					ROOMS				
1 to 3 rooms	41	15	23	3	1 room	77	25	25	27
4 rooms	108	13	45	50	2 rooms	36	17	11	8
5 rooms	167	51	83	33	3 rooms	235	122	67	46
6 rooms	136	41	55	40	4 rooms	494	206	215	73
7 rooms	86	18	48	20	5 rooms	253	117	89	47
8 or more rooms	121	28	36	57	6 rooms	75	40	14	21
Median	5.6	5.6	5.4	5.9	7 or more rooms	58	32	8	18
					Median	4.0	4.1	4.0	4.0
PLUMBING FACILITIES					PLUMBING FACILITIES				
Complete plumbing for exclusive use	638	164	290	184	Complete plumbing for exclusive use	1 149	536	393	220
Lacking complete plumbing for exclusive use	21	2	—	19	Lacking complete plumbing for exclusive use	79	23	36	20
BEDROOMS					BEDROOMS				
None	9	7	2	—	None	77	25	25	27
1	59	15	27	17	1	326	171	93	62
2	155	33	68	54	2	592	244	243	105
3	297	77	142	78	3	195	99	62	34
4	106	29	51	26	4	20	8	2	10
5 or more	33	5	—	28	5 or more	18	12	4	2
YEAR STRUCTURE BUILT					YEAR STRUCTURE BUILT				
1975 to March 1980	197	61	81	55	1975 to March 1980	181	121	46	14
1970 to 1974	25	9	12	4	1970 to 1974	180	110	49	21
1960 to 1969	105	11	66	28	1960 to 1969	169	42	116	11
1950 to 1959	71	24	31	16	1950 to 1959	69	33	22	14
1940 to 1949	59	12	30	17	1940 to 1949	90	36	29	25
1939 or earlier	202	49	70	83	1939 or earlier	539	217	167	155
UNITS IN STRUCTURE					UNITS IN STRUCTURE				
1, detached or attached	552	131	254	167	1, detached or attached	344	142	127	75
2 or more	90	26	30	34	2	304	131	95	78
Mobile home or trailer	17	9	6	2	3 and 4	109	52	20	37
HEATING EQUIPMENT					HEATING EQUIPMENT				
Central heating system	608	161	271	176	5 to 9	224	116	94	14
Other means	44	5	19	20	10 to 49	185	100	67	18
None	7	—	—	7	50 or more	35	15	10	10
					Mobile home or trailer	27	3	16	8
PRICE ASKED					RENT ASKED				
Specified vacant for sale only housing units	516	130	244	142	Specified vacant for rent housing units	1 196	544	427	225
Less than \$10,000	13	9	2	2	Less than \$100	143	35	50	58
\$10,000 to \$19,999	27	—	7	20	\$100 to \$149	227	101	82	44
\$20,000 to \$29,999	72	8	52	12	\$150 to \$199	336	184	79	73
\$30,000 to \$39,999	65	13	33	19	\$200 to \$249	345	153	150	42
\$40,000 to \$49,999	65	26	25	14	\$250 to \$299	64	17	41	6
\$50,000 to \$59,999	69	22	23	24	\$300 to \$399	66	50	16	—
\$60,000 to \$79,999	111	18	65	28	\$400 or more	15	4	9	2
\$80,000 to \$99,999	59	24	16	19	Median	\$174	\$176	\$201	\$154
\$100,000 or more	35	10	21	4					
Median	\$51 500	\$52 400	\$50 800	\$51 100					

Table A—13. Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA	Price asked—Specified vacant for sale only housing units							Rent asked—Specified vacant for rent housing units						
	Total	Less than \$10,000	\$10,000 to \$29,999	\$30,000 to \$49,999	\$50,000 to \$99,999	\$100,000 or more	Median (dollars)	Total	Less than \$100	\$100 to \$199	\$200 to \$299	\$300 to \$399	\$400 or more	Median (dollars)
Total	516	13	99	130	239	35	51 500	1 196	143	563	409	66	15	174
PLUMBING FACILITIES														
Complete plumbing for exclusive use	505	11	91	130	238	35	51 900	1 121	87	546	407	66	15	177
Lacking complete plumbing for exclusive use	11	2	8	—	1	—	14 400	75	56	17	2	—	—	76
BEDROOMS														
None	9	7	—	2	—	—	10000—	77	59	18	—	—	—	69
1	30	2	24	—	4	—	28 500	322	43	160	119	—	—	174
2	116	2	42	43	26	3	33 900	588	34	281	214	57	2	180
3	255	2	28	57	152	16	60 700	180	2	84	72	9	13	204
4	91	—	5	21	54	11	55 900	17	5	8	4	—	—	156
5 or more	15	—	—	7	3	5	50 800	12	—	12	—	—	—	106
YEAR STRUCTURE BUILT														
1975 to March 1980	173	2	—	13	147	11	72 900	181	23	32	56	61	9	243
1970 to 1974	12	—	—	5	2	5	62 500	180	4	86	90	—	—	195
1960 to 1969	84	—	1	21	49	13	54 500	169	6	32	129	—	2	220
1950 to 1959	63	—	22	22	18	1	41 400	69	—	52	17	—	—	155
1940 to 1949	45	—	23	18	4	—	29 900	88	6	67	11	—	4	153
1939 or earlier	139	11	53	51	19	5	31 100	509	104	294	106	5	—	154
UNITS IN STRUCTURE														
1, detached or attached	516	13	99	130	239	35	51 500	312	17	170	110	—	15	177
2 or more .....	...	...	...	...	...	...	...	857	118	385	290	64	—	174
Mobile home or trailer .....	...	...	...	...	...	...	...	27	8	8	9	2	—	158

Table B-1. Value of Owner-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

Appleton city	Total	Less than \$10,000	\$10,000 to \$19,999	\$20,000 to \$29,999	\$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 or more	Median (dollars)	Mean (dollars)
Specified owner-occupied housing units	13 570	9	479	1 728	3 033	3 229	2 163	1 992	611	236	90	44 400	48 500
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families	10 597	6	227	1 031	2 201	2 642	1 817	1 812	561	210	90	46 800	51 200
15 to 24 years	290	—	24	28	96	101	41	—	—	—	—	39 500	38 100
25 to 34 years	2 642	—	12	239	554	761	620	399	40	17	—	47 000	47 700
35 to 44 years	2 244	—	25	122	348	573	436	514	155	44	27	51 100	56 200
45 to 64 years	3 782	—	67	354	745	824	580	722	312	121	57	48 700	55 100
65 years and over	1 639	6	99	288	458	383	140	177	54	28	6	39 400	43 500
Male householder, no wife present	770	—	42	136	188	195	131	54	15	9	—	40 700	42 100
15 to 24 years	46	—	—	—	11	28	7	—	—	—	—	44 000	43 000
25 to 34 years	182	—	—	36	53	52	35	6	—	—	—	40 400	40 300
35 to 44 years	143	—	9	19	29	24	43	10	4	5	—	43 000	45 400
45 to 64 years	171	—	6	47	31	28	35	19	5	—	—	40 300	43 100
65 years and over	228	—	27	34	64	63	11	19	6	4	—	38 300	40 400
Female householder, no husband present	2 203	3	210	561	644	392	215	126	35	17	—	34 600	37 700
15 to 24 years	12	—	—	7	—	—	5	—	—	—	—	27 100	37 200
25 to 34 years	219	—	—	45	91	41	12	24	6	—	—	35 300	40 100
35 to 44 years	248	—	8	58	94	31	25	27	5	—	—	37 000	40 300
45 to 64 years	612	—	40	140	172	136	71	29	12	12	—	37 300	40 300
65 years and over	1 112	3	162	311	287	184	102	46	12	5	—	32 400	35 300
Median age	48.5	67.5	68.9	58.4	50.9	45.1	41.9	45.3	48.8	53.2	53.6	...	...
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980	1 269	—	—	99	286	319	245	222	75	23	—	48 000	51 200
1975 to 1978	3 660	—	61	328	711	918	782	638	155	45	22	48 100	50 700
1970 to 1974	2 199	—	46	198	417	494	382	429	188	14	31	48 800	53 700
1960 to 1969	2 713	—	97	305	582	622	413	482	119	62	31	44 700	50 400
1959 or earlier	3 729	9	275	798	1 037	876	341	221	74	92	6	37 600	41 100
ROOMS													
1 to 3 rooms	115	3	28	68	4	7	—	5	—	—	—	24 100	25 800
4 rooms	1 012	—	157	315	368	129	30	13	—	—	—	30 800	30 900
5 rooms	3 478	6	114	463	962	1 115	645	153	11	9	—	41 700	41 500
6 rooms	4 130	—	132	507	1 098	1 097	701	530	47	13	5	42 600	44 400
7 rooms	2 662	—	29	277	467	579	496	611	152	43	8	49 600	52 200
8 or more rooms	2 173	—	19	98	134	302	291	680	401	171	77	67 700	72 500
Median	6.0	4.8	5.0	5.5	5.7	5.8	6.1	7.0	7.9	8.3	8.5+	...	...
BEDROOMS													
None	5	—	5	—	—	—	—	—	—	—	—	18 800	18 800
1	219	3	49	74	69	14	5	5	—	—	—	27 800	28 900
2	2 485	6	227	657	807	460	165	134	17	4	8	33 900	36 400
3	7 621	—	153	672	1 662	2 148	1 591	1 127	183	57	28	45 800	47 900
4	2 888	—	30	312	469	562	353	651	346	144	21	51 500	58 300
5 or more	352	—	15	13	26	45	49	75	65	31	33	67 900	80 800
YEAR STRUCTURE BUILT													
1975 to March 1980	1 312	—	—	10	37	245	467	401	104	37	11	57 200	62 300
1970 to 1974	1 338	—	4	15	133	309	307	377	157	20	16	55 000	60 800
1960 to 1969	2 135	—	11	52	199	558	449	581	187	70	28	54 200	60 600
1950 to 1959	2 916	—	75	279	663	978	499	316	51	41	14	44 100	46 500
1940 to 1949	1 770	—	91	321	641	362	189	113	26	21	6	37 600	40 700
1939 or earlier	4 099	9	298	1 051	1 360	777	252	204	86	47	15	34 700	38 600
HOUSEHOLD INCOME IN 1979													
Less than \$5,000	609	3	93	189	124	72	72	41	11	4	—	31 700	36 300
\$5,000 to \$9,999	1 384	—	169	354	398	303	82	66	12	—	—	34 200	35 600
\$10,000 to \$12,499	732	6	29	149	229	186	93	34	—	—	6	38 300	39 700
\$12,500 to \$14,999	866	—	21	189	321	232	74	23	6	—	—	36 700	37 800
\$15,000 to \$19,999	2 099	—	62	359	512	620	319	177	38	12	—	41 700	42 700
\$20,000 to \$24,999	2 505	—	41	258	657	677	499	313	36	24	—	44 100	46 100
\$25,000 to \$34,999	3 182	—	48	152	646	851	683	626	137	39	—	48 700	51 100
\$35,000 to \$49,999	1 438	—	16	70	140	242	268	425	200	77	—	59 200	61 800
\$50,000 or more	755	—	—	8	6	46	73	287	171	80	84	78 300	91 500
Median	\$21 955	\$10 625	\$9 078	\$14 775	\$19 260	\$21 376	\$24 328	\$30 355	\$39 260	\$42 157	\$75000+	...	...
Mean	\$25 204	\$9 065	\$12 760	\$15 767	\$19 230	\$21 888	\$25 652	\$34 144	\$48 447	\$61 067	\$134 157	...	...
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
With a mortgage	8 187	—	113	700	1 737	2 020	1 515	1 478	434	147	43	47 600	51 400
Less than 15 percent	2 377	—	60	167	458	485	376	514	211	63	43	50 400	56 400
15 to 19 percent	2 054	—	8	217	457	498	397	329	117	31	—	47 000	49 900
20 to 24 percent	1 596	—	13	115	333	490	328	245	42	30	—	46 900	49 200
25 to 29 percent	967	—	17	92	190	266	216	152	25	9	—	47 000	48 800
30 to 34 percent	464	—	—	62	98	135	83	80	6	—	—	43 400	45 800
35 percent or more	716	—	15	47	201	146	115	150	28	14	—	46 300	50 600
Not computed	13	—	—	—	—	—	—	8	5	—	—	64 100	71 200
Median	19.2	—	14.6	19.2	19.5	20.3	19.8	18.4	15.1	16.7	10—	...	...
Not mortgaged	5 383	9	366	1 028	1 296	1 209	648	514	177	89	47	39 900	44 200
Less than 10 percent	2 335	6	90	341	604	487	355	275	103	33	41	41 900	48 300
10 to 14 percent	1 072	—	68	183	245	286	106	110	33	41	—	41 200	45 000
15 to 19 percent	598	—	48	127	143	133	61	52	23	11	—	38 700	42 200
20 to 24 percent	474	—	63	127	93	132	35	18	6	—	—	34 100	35 900
25 to 29 percent	263	—	31	59	78	63	14	18	—	—	—	35 900	36 200
30 to 34 percent	131	—	28	37	18	44	—	4	—	—	—	30 400	32 500
35 percent or more	503	3	38	154	115	64	77	30	12	4	6	34 400	40 600
Not computed	7	—	—	—	—	—	—	7	—	—	—	67 500	67 500
Median	11.6	10—	17.6	14.7	10.9	12.1	10—	10—	10—	11.4	10—	...	...
SELECTED CHARACTERISTICS													
Complete plumbing for exclusive use	13 548	9	465	1 720	3 033	3 229	2 163	1 992	611	236	90	44 400	48 600
1.01 or more persons per room	199	—	8	38	27	61	47	13	—	5	—	45 500	44 300
Lacking complete plumbing for exclusive use	22	—	14	8	—	—	—	—	—	—	—	19 300	21 300
1.01 or more persons per room	4	—	4	—	—	—	—	—	—	—	—	12 500	12 500
Heating equipment	13 570	9	479	1 728	3 033	3 229	2 163	1 992	611	236	90	44 400	48 500
Central heating system	13 171	9	416	1 599	2 918	3 183	2 126	1 983	611	236	90	44 800	49 000
Air conditioning	6 438	9	133	575	1 290	1 466							

Table B—2. Gross Rent of Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

Appleton city	Total	Less than \$100	\$100 to \$149	\$150 to \$199	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 or more	No cash rent	Median (dollars)
Specified renter-occupied housing units	6 601	386	487	1 357	1 947	1 187	662	318	99	27	131	225
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER												
Married-couple families	2 251	13	66	316	589	571	339	203	72	19	63	258
15 to 24 years.....	607	—	—	88	205	184	59	63	6	—	2	252
25 to 34 years.....	908	7	20	127	225	225	193	59	28	13	11	262
35 to 44 years.....	251	—	8	8	47	72	33	44	17	6	16	291
45 to 64 years.....	288	6	29	35	47	79	39	30	13	—	10	260
65 years and over.....	197	—	9	58	65	11	15	7	8	—	24	215
Male householder, no wife present	1 552	97	119	395	503	189	139	66	14	4	26	213
15 to 24 years.....	571	25	38	168	197	64	42	13	8	4	12	214
25 to 34 years.....	559	6	23	152	168	80	77	48	—	—	5	222
35 to 44 years.....	113	—	4	23	48	22	11	5	—	—	—	221
45 to 64 years.....	216	43	19	45	77	18	9	—	—	—	5	197
65 years and over.....	93	23	35	7	13	5	—	—	6	—	4	142
Female householder, no husband present	2 798	276	302	646	855	427	184	49	13	4	42	208
15 to 24 years.....	649	24	46	192	254	95	29	—	—	—	9	213
25 to 34 years.....	659	11	28	138	276	152	39	—	5	4	6	224
35 to 44 years.....	268	14	36	28	48	72	42	20	8	—	—	255
45 to 64 years.....	533	35	67	124	174	47	60	17	—	—	9	208
65 years and over.....	689	192	125	164	103	61	14	12	—	—	18	155
Median age	30.3	67.3	57.0	29.1	28.2	29.2	30.3	31.4	39.2	29.7	46.1	...
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980.....	3 210	73	174	691	1 048	586	353	176	53	21	35	229
1975 to 1978.....	2 289	150	154	425	648	488	229	122	35	6	32	232
1970 to 1974.....	665	133	91	101	180	73	66	13	—	—	8	201
1960 to 1969.....	310	18	39	118	65	32	7	7	11	—	13	185
1959 or earlier.....	127	12	29	22	6	8	7	—	—	—	43	151
ROOMS												
1 room.....	118	42	12	10	42	12	—	—	—	—	—	180
2 rooms.....	336	96	57	118	65	—	—	—	—	—	—	159
3 rooms.....	1 321	161	247	472	350	45	17	13	—	—	16	179
4 rooms.....	2 377	36	70	500	794	610	259	69	—	—	39	236
5 rooms.....	1 451	40	64	174	510	313	196	98	23	—	33	242
6 rooms.....	627	5	23	45	131	144	112	116	24	12	15	282
7 or more rooms.....	371	6	14	38	55	63	78	22	52	15	28	291
Median	4.1	2.8	3.2	3.7	4.2	4.4	4.8	5.3	6.6	6.7	4.8	...
PLUMBING FACILITIES BY PERSONS PER ROOM AND POVERTY STATUS IN 1979												
All income levels in 1979	6 601	386	487	1 357	1 947	1 187	662	318	99	27	131	225
Complete plumbing for exclusive use.....	6 494	327	467	1 357	1 931	1 187	655	318	99	27	126	226
0.50 or less.....	4 536	279	366	1 101	1 380	730	387	158	42	4	89	215
0.51 to 1.00.....	1 817	48	93	234	534	425	237	143	49	17	37	248
1.01 to 1.50.....	103	—	8	12	10	32	21	14	—	6	—	270
1.51 or more.....	38	—	—	10	7	—	10	3	8	—	—	310
Lacking complete plumbing for exclusive use.....	107	59	20	—	16	—	7	—	—	—	5	88
0.50 or less.....	60	36	12	—	—	—	7	—	—	—	5	88
0.51 to 1.00.....	43	19	8	—	16	—	—	—	—	—	—	113
1.01 to 1.50.....	—	—	—	—	—	—	—	—	—	—	—	—
1.51 or more.....	4	4	—	—	—	—	—	—	—	—	—	75
Income in 1979 below poverty level	969	175	102	191	280	118	70	14	8	—	11	202
Complete plumbing for exclusive use.....	925	145	94	191	274	118	70	14	8	—	11	205
1.01 or more persons per room.....	43	—	8	5	7	12	5	3	3	—	—	253
Lacking complete plumbing for exclusive use.....	44	30	8	—	6	—	—	—	—	—	—	88
1.01 or more persons per room.....	—	—	—	—	—	—	—	—	—	—	—	—
BEDROOMS												
None.....	143	42	30	17	42	12	—	—	—	—	—	140
1.....	1 987	269	323	756	500	84	19	6	—	—	30	181
2.....	3 444	36	98	505	1 205	940	416	153	36	—	55	244
3.....	821	33	32	74	176	120	168	131	44	16	27	286
4.....	169	—	4	5	17	23	59	28	13	7	13	325
5 or more.....	37	6	—	—	7	8	—	—	6	4	6	258
UNITS IN STRUCTURE												
1, detached or attached.....	1 479	7	59	139	334	332	266	143	68	27	104	275
2.....	2 208	56	146	593	596	500	164	118	12	—	23	224
3 and 4.....	758	41	88	297	193	67	57	10	5	—	—	191
5 to 9.....	570	18	76	115	180	116	39	26	—	—	—	229
10 to 49.....	1 049	42	35	151	519	153	122	13	14	—	—	224
50 or more.....	525	222	77	56	125	19	14	8	—	—	4	137
Mobile home or trailer, etc.....	12	—	6	6	—	—	—	—	—	—	—	150
YEAR STRUCTURE BUILT												
1975 to March 1980.....	976	60	46	77	255	234	167	114	10	13	—	259
1970 to 1974.....	954	128	26	42	384	172	125	56	19	—	2	234
1960 to 1969.....	1 105	29	47	218	350	282	108	34	13	6	18	235
1950 to 1959.....	490	24	39	127	147	66	39	29	6	—	13	216
1940 to 1949.....	851	19	44	251	233	161	97	19	11	4	12	219
1939 or earlier.....	2 225	126	285	642	578	272	126	66	40	4	86	201
STORIES IN STRUCTURE												
1 to 3.....	6 238	152	418	1 336	1 927	1 172	662	318	99	27	127	229
4 or more.....	363	234	69	21	20	15	—	—	—	—	4	83
With elevator.....	346	228	69	21	20	8	—	—	—	—	—	82
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979												
Less than 15 percent.....	1 430	66	153	376	429	236	91	61	14	4	...	214
15 to 19 percent.....	1 401	61	55	235	454	358	172	66	—	—	...	239
20 to 24 percent.....	1 065	96	82	180	272	162	173	67	27	6	...	225
25 to 29 percent.....	683	54	34	155	206	110	72	36	16	—	...	228
30 to 34 percent.....	444	37	51	50	134	82	44	31	15	—	...	231
35 to 49 percent.....	568	29	60	134	140	93	59	23	13	17	...	219
50 percent or more.....	823	35	37	227	294	136	51	34	9	—	...	216
Not computed.....	187	8	15	—	18	10	—	—	5	—	131	216
Median	21.8	23.2	21.7	21.9	21.5	19.9	22.0	22.4	26.9	39.4	...	...
SELECTED CHARACTERISTICS												
Heating equipment	6 597	386	487	1 357	1 947	1 183	662	318	99	27	131	224
Central heating system.....	6 151	373	423	1 227	1 827	1 125	636	312	82	21	125	226
Air conditioning	2 573	103	107	377	917	517	305	149	47	—	51	236
Central system.....	525	38	23	31	85	94	145	71	26	—	12	295

Table B—3. Income and Poverty Status in 1979 of Owner-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

Appleton city	Household income in 1979											Income in 1979 below poverty level	
	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)		Mean (dollars)
Owner-occupied housing units	14 449	663	1 486	783	914	2 222	2 652	3 375	1 539	815	21 982	25 207	423
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families	11 179	37	685	411	596	1 821	2 383	3 024	1 456	766	24 224	28 498	57
15 to 24 years	315	—	7	7	10	76	132	79	4	—	22 246	21 814	—
25 to 34 years	2 760	5	13	65	169	779	781	775	131	42	21 930	23 454	13
35 to 44 years	2 369	7	30	36	72	338	545	781	393	167	26 617	31 207	20
45 to 64 years	3 991	9	123	105	166	345	692	1 196	872	483	29 673	35 036	19
65 years and over	1 744	16	512	198	179	283	233	193	56	74	14 539	19 048	5
Male householder, no wife present	872	117	93	87	76	132	132	148	59	28	17 100	18 974	62
15 to 24 years	53	—	—	12	—	8	12	20	1	—	21 354	22 168	7
25 to 34 years	216	11	11	7	46	53	35	49	4	—	17 917	18 973	11
35 to 44 years	167	18	7	9	—	34	33	22	31	13	21 336	24 216	18
45 to 64 years	188	14	16	24	6	32	30	44	7	15	20 185	22 857	9
65 years and over	248	74	59	35	24	5	22	13	16	—	9 224	11 819	17
Female householder, no husband present	2 398	509	708	285	242	269	137	203	24	21	9 820	12 132	304
15 to 24 years	14	5	—	—	7	2	—	—	—	—	13 214	10 945	—
25 to 34 years	232	35	46	45	38	39	18	11	—	—	11 944	12 106	47
35 to 44 years	267	24	48	38	34	68	35	20	—	—	14 228	14 458	39
45 to 64 years	674	63	159	70	86	124	47	96	18	11	13 808	16 242	65
65 years and over	1 211	382	455	132	77	37	76	6	10	6	7 730	9 351	153
Median age	48.6	72.3	70.8	63.1	56.9	37.7	40.2	44.1	48.8	51.3	...	...	54.7
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980	1 348	29	76	62	103	294	302	348	109	25	21 396	22 821	27
1975 to 1978	3 889	48	149	146	281	855	868	1 011	378	153	22 295	25 268	46
1970 to 1974	2 339	75	94	99	54	355	526	627	311	198	24 686	29 605	103
1960 to 1969	2 877	126	307	94	163	291	443	700	470	283	25 228	30 133	72
1959 or earlier	3 996	385	860	382	313	427	513	689	271	156	15 612	19 834	175
SELECTED CHARACTERISTICS													
Complete plumbing for exclusive use	14 413	639	1 478	783	914	2 222	2 652	3 375	1 535	815	22 006	25 252	403
1.01 or more persons per room	209	7	—	—	12	48	29	47	58	8	26 181	27 769	7
Lacking complete plumbing for exclusive use	36	24	8	—	—	—	—	—	4	—	3 750	7 565	20
1.01 or more persons per room	4	—	—	—	—	—	—	—	4	—	40 906	41 260	—
Heating equipment	14 449	663	1 486	783	914	2 222	2 652	3 375	1 539	815	21 982	25 207	423
Central heating system	14 002	604	1 391	720	875	2 138	2 629	3 300	1 530	815	22 190	25 538	399
Air conditioning	6 874	186	501	382	339	970	1 287	1 700	945	564	23 931	28 812	130
Central system	2 580	33	110	121	95	294	389	675	504	359	28 012	35 724	25
Vehicles available	13 769	375	1 221	760	864	2 208	2 627	3 364	1 535	815	22 510	26 083	296
1	5 204	318	1 018	599	529	1 066	810	605	182	77	15 634	17 164	214
2 or more	8 565	57	203	161	335	1 142	1 817	2 759	1 353	738	26 850	31 502	82
House heating fuel	14 449	663	1 486	783	914	2 222	2 652	3 375	1 539	815	21 982	25 207	423
Utility gas	9 177	318	747	396	528	1 431	1 780	2 275	1 118	584	23 082	26 630	224
Bottled, tank, or LP gas	35	5	6	4	4	5	2	3	—	6	14 063	20 475	—
Electricity	173	—	22	7	—	18	29	51	14	32	29 519	40 630	7
Fuel oil, kerosene, etc.	4 988	340	706	370	382	738	833	1 024	402	193	19 714	22 134	192
Other	76	—	5	6	—	30	8	22	5	—	19 700	22 148	—
Median rooms	6.0	5.3	5.2	5.6	5.6	5.7	6.0	6.2	6.9	7.7	...	...	5.5
Specified owner-occupied housing units	13 570	609	1 384	732	866	2 099	2 505	3 182	1 438	755	21 955	25 204	379
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS													
With a mortgage	8 187	110	291	312	477	1 534	1 757	2 219	1 007	480	23 785	27 302	152
Less than \$200	223	3	39	11	42	51	28	31	15	3	16 719	18 883	3
\$200 to \$249	636	18	57	51	61	171	121	114	43	—	18 958	19 887	20
\$250 to \$299	1 235	11	56	83	122	245	329	295	68	26	21 412	22 141	20
\$300 to \$349	1 429	11	26	58	116	364	287	384	167	16	21 932	24 057	19
\$350 to \$399	1 439	32	45	27	91	285	315	364	227	53	23 808	25 974	50
\$400 to \$499	1 899	18	54	42	13	307	446	638	249	132	25 472	28 785	23
\$500 to \$599	649	—	—	12	14	79	124	221	93	106	27 517	35 328	—
\$600 to \$749	430	17	14	28	12	26	92	111	74	56	25 000	34 755	17
\$750 or more	247	—	—	—	6	6	15	61	71	88	32 006	60 832	—
Median	\$370	\$369	\$294	\$309	\$306	\$341	\$368	\$389	\$396	\$509	...	...	\$364
Not mortgaged	5 383	499	1 093	420	389	565	748	963	431	275	17 373	22 015	227
Less than \$50	—	—	—	—	—	—	—	—	—	—	—	—	—
\$50 to \$74	52	12	28	6	6	—	—	—	—	—	6 250	7 052	12
\$75 to \$99	249	88	64	23	24	21	12	17	—	—	6 755	9 772	27
\$100 to \$124	868	106	273	57	57	118	141	67	49	—	12 412	14 530	62
\$125 to \$149	1 448	125	374	115	163	177	219	218	49	8	14 187	16 252	68
\$150 to \$199	1 755	111	264	151	121	179	289	422	139	79	20 771	21 773	40
\$200 to \$249	643	34	71	49	13	36	65	177	149	49	26 938	29 915	6
\$250 or more	368	23	19	19	5	34	22	62	45	139	35 000	60 093	12
Median	\$152	\$134	\$137	\$153	\$141	\$145	\$150	\$171	\$192	\$250+	...	...	\$130
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
With a mortgage	8 187	110	291	312	477	1 534	1 757	2 219	1 007	480	23 785	27 302	152
Less than 15 percent	2 377	—	—	—	25	93	249	841	723	446	34 713	41 786	—
15 to 19 percent	2 054	—	5	11	44	295	629	841	203	26	25 385	26 441	7
20 to 24 percent	1 596	—	6	29	107	529	516	349	52	8	21 024	22 157	—
25 to 29 percent	967	—	32	70	146	369	198	123	29	—	18 196	19 098	—
30 to 34 percent	464	—	35	54	94	132	113	36	—	—	16 494	17 192	8
35 percent or more	716	97	213	148	61	116	52	29	—	—	10 811	11 279	124
Not computed	13	13	—	—	—	—	—	—	—	—	2500—	—	13
Median	19.2	50+	49.6	34.3	27.1	23.6	20.0	16.6	13.0	10—	...	...	50+
Not mortgaged	5 383	499	1 093	420	389	565	748	963	431	275	17 373	22 015	227
Less than 10 percent	2 335	—	—	11	36	217	565	815	416	275	29 006	36 277	—
10 to 14 percent	1 072	—	58	134	275	287	161	142	15	—	15 908	17 440	—
15 to 19 percent	598	—	294	161	66	49	22	6	—	—	10 078		

Table B—4. Income and Poverty Status in 1979 of Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Appleton city	Household income in 1979											Income in 1979 below poverty level	
	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)		Mean (dollars)
Renter-occupied housing units	6 646	1 173	1 342	639	673	1 360	781	508	147	23	13 128	13 994	969
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families	2 296	79	314	179	243	664	432	288	89	8	17 566	18 167	130
15 to 24 years	612	18	93	61	90	150	139	56	5	—	16 803	16 606	25
25 to 34 years	924	28	68	66	91	350	195	98	28	—	17 602	18 086	54
35 to 44 years	256	13	26	—	23	72	47	42	25	8	19 500	23 084	24
45 to 64 years	302	8	31	27	28	74	44	66	24	—	19 375	20 241	21
65 years and over	202	12	96	25	11	18	7	26	7	—	9 743	13 931	6
Male householder, no wife present	1 552	187	236	160	166	378	173	191	51	10	15 259	15 929	146
15 to 24 years	571	107	107	80	63	84	59	53	14	4	12 234	13 807	89
25 to 34 years	559	25	63	28	75	190	56	85	37	—	16 729	18 365	20
35 to 44 years	113	—	8	5	18	44	16	16	—	6	16 932	19 785	6
45 to 64 years	216	17	28	42	10	56	42	21	—	—	15 809	15 706	11
65 years and over	93	38	30	5	—	4	—	16	—	—	6 518	10 146	20
Female householder, no husband present	2 798	907	792	300	264	318	176	29	7	5	8 214	9 498	693
15 to 24 years	649	206	183	46	81	80	53	—	—	—	8 464	9 406	245
25 to 34 years	659	152	158	107	71	95	49	15	7	5	10 456	11 614	150
35 to 44 years	268	37	92	60	11	41	27	—	—	—	10 208	10 713	48
45 to 64 years	533	144	164	60	71	56	31	7	—	—	8 896	9 863	97
65 years and over	689	368	195	27	30	46	16	7	—	—	4 807	6 805	153
Median age	30.3	45.2	35.0	29.5	28.1	29.6	28.5	29.3	32.5	37.1	...	...	29.3
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980	3 237	561	680	360	329	621	405	216	55	10	12 633	13 550	541
1975 to 1978	2 289	303	443	183	283	572	260	171	69	5	14 404	14 746	264
1970 to 1974	670	212	122	77	48	76	60	56	11	8	10 032	13 099	122
1960 to 1969	323	43	77	19	—	81	44	47	12	—	16 197	15 837	19
1959 or earlier	127	54	20	—	13	10	12	18	—	—	8 125	11 813	23
PLUMBING FACILITIES BY PERSONS PER ROOM													
Complete plumbing for exclusive use	6 539	1 130	1 313	621	673	1 347	781	504	147	23	13 263	14 084	925
0.50 or less	4 565	939	994	398	468	863	508	286	94	15	12 195	13 221	616
0.51 to 1.00	1 833	176	286	205	189	459	255	212	43	8	15 658	16 173	266
1.01 to 1.50	103	5	20	18	16	20	18	6	—	—	13 828	14 637	25
1.51 or more	38	10	13	—	—	5	—	—	10	—	8 750	15 462	18
Lacking complete plumbing for exclusive use	107	43	29	18	—	13	—	4	—	—	8 073	8 511	44
0.50 or less	60	29	24	7	—	—	—	—	—	—	7 604	6 437	24
0.51 to 1.00	43	14	5	11	—	13	—	—	—	—	10 568	9 318	20
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—	—	—	—
1.51 or more	4	—	—	—	—	—	—	4	—	—	30 468	30 945	—
SELECTED CHARACTERISTICS													
Heating equipment	6 642	1 173	1 342	639	673	1 360	781	504	147	23	13 120	13 984	969
Central heating system	6 196	1 068	1 205	612	639	1 294	723	491	141	23	13 333	14 188	874
Air conditioning	2 587	372	470	281	292	562	305	232	65	8	13 960	14 843	253
Central system	531	55	70	40	38	142	93	73	12	8	17 170	18 157	41
Vehicles available	5 598	574	1 042	596	638	1 326	744	508	147	23	14 800	15 490	556
1	3 588	520	869	485	459	771	265	184	30	5	12 088	12 763	460
2 or more	2 010	54	173	111	179	555	479	324	117	18	19 368	20 357	96
House heating fuel	6 642	1 173	1 342	639	673	1 360	781	504	147	23	13 120	13 984	969
Utility gas	4 431	772	879	397	431	942	558	343	90	19	13 472	14 130	674
Battled, tank, or LP gas	89	35	37	—	—	11	—	6	—	—	8 142	9 017	11
Electricity	838	168	174	83	101	165	72	58	17	—	12 319	13 187	107
Fuel oil, kerosene, etc.	1 236	175	233	159	135	242	151	97	40	4	13 444	14 675	158
Other	48	23	19	—	6	—	—	—	—	—	5 208	5 805	19
Median rooms	4.1	3.5	3.9	4.0	4.2	4.3	4.6	4.5	5.3	5.3	...	...	4.0
Specified renter-occupied housing units	6 601	1 173	1 332	639	663	1 349	773	502	147	23	13 090	13 978	969
CONTRACT RENT													
Less than \$100	564	341	79	39	31	50	—	19	—	5	4 445	7 607	201
\$100 to \$149	1 058	201	396	98	91	136	50	73	13	—	9 202	11 342	164
\$150 to \$199	2 562	434	538	287	271	536	332	139	17	8	12 703	13 317	397
\$200 to \$249	1 608	158	238	172	201	405	198	157	73	6	15 396	16 364	163
\$250 to \$299	538	15	48	31	44	152	147	86	15	—	19 271	19 217	27
\$300 to \$349	107	—	6	7	3	27	31	5	24	4	21 050	24 377	3
\$350 to \$399	9	—	—	—	6	3	—	—	—	—	14 375	14 882	—
\$400 to \$499	24	3	—	—	—	15	—	6	—	—	16 500	16 589	3
\$500 or more	—	—	—	—	—	—	—	—	—	—	—	—	—
No cash rent	131	21	27	5	16	25	15	17	5	—	14 453	15 773	11
Median	\$181	\$153	\$165	\$183	\$189	\$194	\$200	\$203	\$224	\$188	...	...	\$163
GROSS RENT													
Less than \$100	386	295	37	13	6	26	—	4	—	5	3 882	6 029	175
\$100 to \$149	487	141	198	27	35	54	16	16	—	—	7 209	9 128	102
\$150 to \$199	1 357	280	422	132	155	229	77	51	11	—	9 771	11 146	191
\$200 to \$249	1 947	294	376	274	238	409	166	163	27	—	12 810	13 603	280
\$250 to \$299	1 187	109	180	99	125	309	244	81	26	14	16 235	16 760	118
\$300 to \$349	662	25	49	69	54	186	151	102	26	—	18 713	18 752	70
\$350 to \$399	318	—	37	15	28	67	77	56	38	—	20 682	21 928	14
\$400 to \$499	99	8	6	5	—	33	27	6	14	—	19 479	19 246	8
\$500 or more	27	—	—	—	6	11	—	6	—	4	16 705	23 404	—
No cash rent	131	21	27	5	16	25	15	17	5	—	14 453	15 773	11
Median	\$225	\$177	\$199	\$225	\$223	\$244	\$269	\$256	\$313	\$287	...	...	\$202
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
Less than 15 percent	1 430	—	17	40	91	345	369	403	142	23	22 786	24 720	11
15 to 19 percent	1 401	36	106	62	228	597	302	70	—	—	16 891	16 812	51
20 to 24 percent	1 065	96	192	222	197	265	81	12	—	—	12 786	12 844	56
25 to 29 percent	683	60	267	189	86	75	6	—	—	—	10 192	10 231	53
30 to 34 percent	444	60	262	65	34	23	—	—	—	—	8 649	8 903	44
35 to 49 percent	568	142	340	56	11	19	—	—	—	—	6 461	6 911	120
50 percent or more	823	702	121	—	—	—	—	—	—	—	3 237	3 357	567
Not computed	187	77	27	5	16	25	15	17	5	—	9 028	10 996	67
Median	21.8	50+	31.3	24.8	20.1	17.7	15.2	11.7	10—	10—	...	...	50+

Table B—5. Selected Monthly Owner Costs for Mortgaged Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B)

Appleton city	Total	Less than \$200	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 to \$599	\$600 to \$749	\$750 or more	Median (dollars)
Specified owner-occupied housing units -----	8 187	223	636	1 235	1 429	1 439	1 899	649	430	247	370
PERSONS IN UNIT											
1 person -----	469	28	35	131	85	66	74	36	14	—	324
2 persons -----	1 764	84	207	298	226	304	417	105	77	46	361
3 persons -----	1 807	52	161	229	354	361	415	119	77	39	365
4 persons -----	2 284	39	139	297	357	397	544	250	181	80	389
5 persons -----	1 126	12	50	182	273	202	251	76	39	41	361
6 persons -----	506	8	38	52	75	86	159	36	30	22	397
7 persons -----	145	—	—	38	31	23	19	20	7	7	358
8 or more persons -----	86	—	6	8	28	—	20	7	5	12	407
Median -----	3.52	2.49	2.97	3.32	3.64	3.47	3.58	3.76	3.76	3.98	...
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER											
Married-couple families -----	7 062	149	497	958	1 280	1 272	1 717	575	376	238	375
15 to 24 years -----	285	25	—	28	46	60	70	28	28	—	386
25 to 34 years -----	2 573	13	84	293	474	590	738	221	115	45	386
35 to 44 years -----	2 042	27	147	346	345	241	495	194	120	127	382
45 to 64 years -----	1 989	67	231	237	389	375	398	127	99	66	359
65 years and over -----	173	17	35	54	26	6	16	5	14	—	282
Male householder, no wife present -----	418	18	19	94	57	56	88	42	35	9	369
15 to 24 years -----	46	—	—	7	6	11	—	14	8	—	395
25 to 34 years -----	176	6	5	43	24	20	37	28	13	—	375
35 to 44 years -----	114	3	14	27	15	3	41	—	7	4	343
45 to 64 years -----	57	—	—	12	6	17	10	—	7	5	381
65 years and over -----	25	9	—	5	6	5	—	—	—	—	285
Female householder, no husband present -----	707	56	120	183	92	111	94	32	19	—	298
15 to 24 years -----	—	—	—	—	—	—	—	—	—	—	—
25 to 34 years -----	219	5	13	66	35	50	32	6	12	—	336
35 to 44 years -----	212	16	34	41	32	36	40	6	7	—	323
45 to 64 years -----	223	23	55	59	25	25	16	20	—	—	278
65 years and over -----	53	12	18	17	—	—	6	—	—	—	240
Median age -----	38.0	48.1	46.8	38.4	37.8	34.9	36.1	36.3	38.3	39.7	...
YEAR HOUSEHOLDER MOVED INTO UNIT											
1979 to March 1980 -----	1 138	10	9	63	80	203	331	228	156	58	452
1975 to 1978 -----	3 267	59	101	423	559	633	964	256	153	119	389
1970 to 1974 -----	1 795	42	111	306	429	363	385	84	51	24	351
1960 to 1969 -----	1 488	72	305	328	276	177	178	50	56	46	307
1959 or earlier -----	499	40	110	115	85	63	41	31	14	—	293
ROOMS											
1 to 3 rooms -----	24	3	4	5	—	—	7	—	5	—	350
4 rooms -----	362	45	71	84	87	44	31	—	—	—	289
5 rooms -----	1 987	62	202	380	411	372	443	84	33	—	343
6 rooms -----	2 395	82	222	457	535	423	431	136	92	17	341
7 rooms -----	1 761	16	85	239	260	315	489	177	145	35	395
8 or more rooms -----	1 658	15	52	70	136	285	498	252	155	195	451
Median -----	6.2	5.5	5.7	5.8	5.9	6.2	6.6	7.1	7.1	8.5+	...
YEAR STRUCTURE BUILT											
1975 to March 1980 -----	1 168	—	3	15	160	213	425	216	56	80	438
1970 to 1974 -----	1 112	8	9	133	263	250	257	95	60	37	379
1960 to 1969 -----	1 544	19	88	192	241	266	413	115	140	70	394
1950 to 1959 -----	1 444	50	158	236	259	213	341	96	61	30	354
1940 to 1949 -----	951	16	117	209	166	210	160	44	23	6	340
1939 or earlier -----	1 968	130	261	450	340	287	303	83	90	24	321
VALUE											
Less than \$10,000 -----	—	—	—	—	—	—	—	—	—	—	—
\$10,000 to \$19,999 -----	113	34	32	31	7	4	5	—	—	—	235
\$20,000 to \$29,999 -----	700	80	155	228	154	60	23	—	—	—	275
\$30,000 to \$39,999 -----	1 737	68	277	428	358	340	225	41	—	—	313
\$40,000 to \$49,999 -----	2 020	20	106	322	499	370	543	93	62	5	359
\$50,000 to \$59,999 -----	1 515	13	44	130	272	369	444	169	68	6	390
\$60,000 to \$79,999 -----	1 478	8	22	81	129	244	470	229	180	115	446
\$80,000 to \$99,999 -----	434	—	—	7	5	47	183	77	70	45	488
\$100,000 to \$149,999 -----	147	—	—	8	5	5	6	34	50	39	646
\$150,000 or more -----	43	—	—	—	—	—	—	6	—	37	750+
Median -----	\$47 600	\$29 800	\$35 100	\$38 100	\$43 800	\$48 400	\$52 700	\$61 600	\$69 800	\$79 800	...
SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979											
Less than 15 percent -----	2 377	147	326	489	478	386	324	117	49	61	324
15 to 19 percent -----	2 054	39	144	356	401	391	515	118	63	27	361
20 to 24 percent -----	1 596	6	69	191	284	323	494	138	49	42	388
25 to 29 percent -----	967	14	40	97	152	132	309	113	67	43	412
30 to 34 percent -----	464	5	19	37	47	87	112	71	61	25	430
35 percent or more -----	716	12	38	65	67	112	140	92	141	49	433
Not computed -----	13	—	—	—	—	8	5	—	—	—	391
Median -----	19.2	12.7	14.8	16.8	17.9	19.2	21.1	23.2	29.0	24.2	...
SELECTED CHARACTERISTICS											
Heating equipment -----	8 187	223	636	1 235	1 429	1 439	1 899	649	430	247	370
Steam or hot water system -----	665	—	27	53	83	142	173	62	54	71	415
Central warm-air furnace or electric heat pump -----	7 169	195	546	1 135	1 277	1 247	1 672	563	369	165	367
Other built-in electric units -----	93	—	6	7	6	—	32	24	7	11	487
Floor, wall, or pipeless furnace -----	36	8	17	—	6	5	—	—	—	—	229
Other means -----	224	20	40	40	57	45	22	—	—	—	311
Air conditioning -----	3 786	91	282	584	625	570	925	299	249	161	377
Central system -----	1 470	17	58	106	175	229	444	187	142	112	427
1 or more individual room units -----	2 316	74	224	478	450	341	481	112	107	49	342
House heating fuel -----	8 187	223	636	1 235	1 429	1 439	1 899	649	430	247	370
Utility gas -----	5 662	143	399	745	1 029	1 039	1 292	514	317	184	375
Bottled, tank, or LP gas -----	15	—	—	6	—	—	9	—	—	—	419
Electricity -----	138	—	6	7	—	—	43	29	11	29	500
Fuel oil, kerosene, etc. -----	2 315	75	212	472	383	376	555	106	102	34	352
Other -----	57	5	19	5	11	17	—	—	—	—	295

Table B—6. Selected Monthly Owner Costs for Not Mortgaged Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

Appleton city	Total	Less than \$50	\$50 to \$74	\$75 to \$99	\$100 to \$124	\$125 to \$149	\$150 to \$199	\$200 to \$249	\$250 or more	Median (dollars)
Specified owner-occupied housing units -----	5 383	—	52	249	868	1 448	1 755	643	368	152
PERSONS IN UNIT										
1 person -----	1 391	—	40	163	295	430	271	140	52	136
2 persons -----	2 442	—	12	68	438	707	833	235	149	150
3 persons -----	785	—	—	12	89	200	314	118	52	165
4 persons -----	425	—	—	—	27	75	190	91	42	179
5 persons -----	162	—	—	6	15	3	64	38	36	195
6 persons -----	82	—	—	—	—	18	46	10	8	175
7 persons -----	80	—	—	—	4	15	26	11	24	190
8 or more persons -----	16	—	—	—	—	—	11	—	5	186
Median -----	2.03	—	1.15	1.26	1.82	1.92	2.23	2.27	2.39	...
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER										
Married-couple families -----	3 535	—	6	77	479	840	1 356	470	307	163
15 to 24 years -----	5	—	—	—	5	—	—	—	—	113
25 to 34 years -----	69	—	—	5	10	14	37	3	—	157
35 to 44 years -----	202	—	—	—	15	39	78	32	38	180
45 to 64 years -----	1 793	—	—	20	218	358	745	275	177	170
65 years and over -----	1 466	—	6	52	231	429	496	160	92	152
Male householder, no wife present -----	352	—	10	26	70	134	69	12	31	138
15 to 24 years -----	—	—	—	—	—	—	—	—	—	—
25 to 34 years -----	6	—	—	—	—	6	—	—	—	138
35 to 44 years -----	29	—	—	—	16	13	—	—	—	123
45 to 64 years -----	114	—	—	5	17	58	15	12	7	140
65 years and over -----	203	—	10	21	37	57	54	—	24	140
Female householder, no husband present -----	1 496	—	36	146	319	474	330	161	30	138
15 to 24 years -----	12	—	—	7	—	—	—	5	—	96
25 to 34 years -----	—	—	—	—	—	—	—	—	—	—
35 to 44 years -----	36	—	—	—	19	7	5	—	5	124
45 to 64 years -----	389	—	8	24	77	162	63	47	8	138
65 years and over -----	1 059	—	28	115	223	305	262	109	17	138
Median age -----	65.2	—	72.7	73.1	66.9	66.4	63.5	62.3	59.5	...
YEAR HOUSEHOLDER MOVED INTO UNIT										
1979 to March 1980 -----	131	—	—	5	20	22	59	18	7	166
1975 to 1978 -----	393	—	10	18	27	117	146	51	24	158
1970 to 1974 -----	404	—	12	9	47	90	128	60	58	167
1960 to 1969 -----	1 225	—	—	50	133	315	417	186	124	164
1959 or earlier -----	3 230	—	30	167	641	904	1 005	328	155	146
ROOMS										
1 to 3 rooms -----	91	—	—	20	37	20	7	—	7	117
4 rooms -----	650	—	22	96	146	215	127	34	10	132
5 rooms -----	1 491	—	24	70	222	440	590	130	15	149
6 rooms -----	1 735	—	6	35	302	524	646	163	59	150
7 rooms -----	901	—	—	21	140	203	237	212	88	168
8 or more rooms -----	515	—	—	7	21	46	148	104	189	217
Median -----	5.8	—	4.7	4.6	5.6	5.6	5.7	6.5	7.5	...
YEAR STRUCTURE BUILT										
1975 to March 1980 -----	144	—	—	—	12	38	49	34	11	172
1970 to 1974 -----	226	—	—	—	10	38	86	57	35	188
1960 to 1969 -----	591	—	—	4	—	114	255	133	85	185
1950 to 1959 -----	1 472	—	10	37	121	374	647	185	98	165
1940 to 1949 -----	819	—	6	54	130	196	304	90	39	154
1939 or earlier -----	2 131	—	36	154	595	688	414	144	100	135
VALUE										
Less than \$10,000 -----	9	—	6	—	3	—	—	—	—	69
\$10,000 to \$19,999 -----	366	—	20	95	120	96	33	2	—	114
\$20,000 to \$29,999 -----	1 028	—	26	94	305	338	201	57	7	132
\$30,000 to \$39,999 -----	1 296	—	—	40	308	452	428	62	6	142
\$40,000 to \$49,999 -----	1 209	—	—	20	103	378	539	146	23	160
\$50,000 to \$59,999 -----	648	—	—	—	29	135	334	118	32	174
\$60,000 to \$79,999 -----	514	—	—	—	—	43	204	151	116	203
\$80,000 to \$99,999 -----	177	—	—	—	—	6	16	88	67	238
\$100,000 to \$149,999 -----	89	—	—	—	—	—	—	19	70	250+
\$150,000 or more -----	47	—	—	—	—	—	—	—	47	250+
Median -----	\$39 900	—	\$20 000	\$22 000	\$30 100	\$36 900	\$43 400	\$54 500	\$80 000	...
SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979										
Less than 10 percent -----	2 335	—	12	79	374	579	828	294	169	157
10 to 14 percent -----	1 072	—	28	30	133	314	336	160	71	155
15 to 19 percent -----	598	—	—	37	111	202	170	22	56	144
20 to 24 percent -----	474	—	—	48	115	110	136	54	11	142
25 to 29 percent -----	263	—	12	21	55	79	76	14	6	139
30 to 34 percent -----	131	—	—	16	—	39	60	5	11	159
35 percent or more -----	503	—	—	18	80	125	142	94	44	160
Not computed -----	7	—	—	—	—	—	7	—	—	175
Median -----	11.6	—	12.5	17.1	12.3	12.3	10.7	10.9	11.1	...
SELECTED CHARACTERISTICS										
Heating equipment -----	5 383	—	52	249	868	1 448	1 755	643	368	152
Steam or hot water system -----	446	—	—	7	30	43	139	126	101	202
Central warm-air furnace or electric heat pump -----	4 704	—	34	183	776	1 370	1 577	515	249	150
Other built-in electric units -----	19	—	—	—	6	—	5	—	8	185
Floor, wall, or pipeless furnace -----	39	—	—	18	4	17	—	—	—	109
Other means -----	175	—	18	41	52	18	34	2	10	114
Air conditioning -----	2 652	—	6	96	299	642	936	413	260	165
Central system -----	985	—	—	12	40	161	412	201	159	184
1 or more individual room units -----	1 667	—	6	84	259	481	524	212	101	150
House heating fuel -----	5 383	—	52	249	868	1 448	1 755	643	368	152
Utility gas -----	2 908	—	30	170	621	798	814	328	147	145
Bottled, tank, or LP gas -----	16	—	—	5	6	—	3	2	—	113
Electricity -----	32	—	—	—	6	6	5	—	15	190
Fuel oil, kerosene, etc. -----	2 416	—	16	74	235	639	933	313	206	163
Other -----	11	—	6	—	—	5	—	—	—	73

Table B-7. Year Structure Built for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

Appleton city	Owner-occupied housing units						Renter-occupied housing units					
	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier
Occupied housing units	14 449	1 418	1 386	2 247	4 892	4 506	6 646	988	954	1 105	1 369	2 230
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER												
Married-couple families	11 179	1 248	1 243	1 989	3 714	2 985	2 296	402	294	396	480	724
15 to 24 years	315	53	9	25	139	89	612	154	62	80	186	130
25 to 34 years	2 760	605	407	322	682	744	924	140	108	177	173	326
35 to 44 years	2 369	334	416	477	605	537	256	27	47	35	44	103
45 to 64 years	3 991	211	380	1 040	1 422	938	302	31	69	68	40	94
65 years and over	1 744	45	31	125	866	677	202	50	8	36	37	71
Male householder, no wife present	872	71	40	112	280	369	1 552	220	305	206	349	472
15 to 24 years	53	7	—	—	21	25	571	73	80	70	186	162
25 to 34 years	216	35	5	12	91	73	559	106	134	74	102	143
35 to 44 years	167	17	4	36	36	74	113	18	29	21	23	22
45 to 64 years	188	12	23	31	72	50	216	13	38	29	26	110
65 years and over	248	—	8	33	60	147	93	10	24	12	12	35
Female householder, no husband present	2 398	99	103	146	898	1 152	2 798	366	355	503	540	1 034
15 to 24 years	14	—	—	—	7	7	649	79	72	87	170	241
25 to 34 years	232	25	13	21	90	83	659	76	63	132	142	246
35 to 44 years	267	13	39	24	96	95	268	29	50	57	54	78
45 to 64 years	674	58	45	47	267	257	533	78	52	121	83	199
65 years and over	1 211	3	6	54	438	710	689	104	118	106	91	270
Median age	48.6	34.8	40.3	47.9	53.9	54.3	30.3	29.7	33.1	31.6	27.7	31.9
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980	1 348	408	72	164	349	355	3 237	581	484	523	680	969
1975 to 1978	3 889	1 010	468	483	1 079	849	2 289	407	310	364	490	718
1970 to 1974	2 339	—	846	360	507	626	670	—	160	130	110	270
1960 to 1969	2 877	—	—	1 240	905	732	323	—	—	88	58	177
1959 or earlier	3 996	—	—	—	2 052	1 944	127	—	—	—	31	96
ROOMS												
1 room	5	—	—	—	—	5	118	12	17	37	5	47
2 rooms	6	—	—	—	6	—	336	36	92	69	66	73
3 rooms	120	7	—	12	35	66	1 326	141	214	248	246	477
4 rooms	1 235	16	25	76	735	383	2 377	510	302	458	489	618
5 rooms	3 679	524	387	504	1 470	794	1 459	186	248	201	283	541
6 rooms	4 336	361	409	546	1 518	1 502	654	79	62	78	199	236
7 or more rooms	5 068	510	565	1 109	1 128	1 756	376	24	19	14	81	238
Median	6.0	5.9	6.2	6.5	5.6	6.2	4.1	4.1	4.0	3.9	4.3	4.3
PLUMBING FACILITIES BY PERSONS PER ROOM												
Complete plumbing for exclusive use	14 413	1 418	1 386	2 247	4 884	4 478	6 539	983	935	1 097	1 344	2 180
0.50 or less	9 104	748	666	1 193	3 328	3 169	4 565	704	652	706	945	1 558
0.51 to 1.00	5 100	648	702	1 011	1 495	1 244	1 833	267	268	373	365	560
1.01 to 1.50	174	15	18	32	49	60	103	12	15	8	27	41
1.51 or more	35	7	—	11	12	5	38	—	—	10	7	21
Lacking complete plumbing for exclusive use	36	—	—	—	8	28	107	5	19	8	25	50
0.50 or less	32	—	—	—	8	24	60	—	19	—	14	27
0.51 to 1.00	—	—	—	—	—	—	43	5	—	8	11	19
1.01 to 1.50	4	—	—	—	—	—	—	—	—	—	—	—
1.51 or more	—	—	—	—	—	—	4	—	—	—	—	4
PERSONS IN UNIT												
1 person	2 054	85	55	140	745	1 029	2 664	366	416	491	470	921
2 persons	4 538	370	261	572	1 875	1 460	2 137	382	288	306	478	683
3 persons	2 715	326	284	453	900	752	925	127	125	165	225	283
4 persons	2 830	412	454	501	818	645	576	79	75	125	117	180
5 persons	1 348	159	233	331	334	291	192	15	35	12	48	82
6 or more persons	964	66	99	250	220	329	152	19	15	6	31	81
Median	2.73	3.28	3.70	3.41	2.41	2.34	1.81	1.84	1.71	1.70	1.95	1.78
Total persons	43 563	4 602	5 089	7 864	13 499	12 509	13 886	2 042	1 933	2 152	3 005	4 754
UNITS IN STRUCTURE												
1, detached or attached	14 004	1 371	1 368	2 193	4 849	4 223	1 524	135	44	139	544	662
2	384	41	18	33	43	249	2 208	240	171	213	569	1 015
3 and 4	32	—	—	5	—	27	758	44	41	185	138	350
5 to 9	13	6	—	—	—	7	570	153	133	143	26	115
10 to 49	—	—	—	—	—	—	1 049	277	326	342	61	43
50 or more	—	—	—	—	—	—	525	139	233	77	31	45
Mobile home or trailer, etc.	16	—	—	16	—	—	12	—	6	6	—	—
SELECTED CHARACTERISTICS												
Heating equipment	14 449	1 418	1 386	2 247	4 892	4 506	6 642	988	954	1 101	1 369	2 230
Steam or hot water system	1 231	13	45	324	393	456	1 470	133	299	315	277	446
Central warm-air furnace or electric heat pump	12 581	1 344	1 303	1 836	4 238	3 860	3 973	482	485	621	851	1 534
Other built-in electric units	115	48	20	20	21	6	658	330	123	129	42	34
Floor, wall, or pipeless furnace	75	—	—	9	35	31	95	17	23	—	25	30
Other means	447	13	18	58	205	153	446	26	24	36	174	186
Air conditioning	6 874	596	731	1 229	2 491	1 827	2 587	575	592	636	305	479
Central system	2 580	345	501	595	898	241	531	165	154	88	62	62
1 or more individual room units	4 294	251	230	634	1 593	1 586	2 056	410	438	548	243	417
House heating fuel	14 449	1 418	1 386	2 247	4 892	4 506	6 642	988	954	1 101	1 369	2 230
Utility gas	9 177	1 311	1 338	1 789	1 903	2 836	4 431	554	767	832	823	1 455
Bottled, tank, or LP gas	35	—	—	—	30	5	89	6	—	—	34	49
Electricity	173	75	31	20	35	12	838	379	169	154	80	56
Fuel oil, kerosene, etc.	4 988	29	17	420	2 901	1 621	1 236	43	12	103	425	653
Other	76	3	—	18	23	32	48	6	6	12	7	17
Income in 1979 below poverty level	423	5	34	28	173	183	969	65	159	121	240	384
Percent below poverty level	2.9	0.4	2.5	1.2	3.5	4.1	14.6	6.6	16.7	11.0	17.5	17.2
HOUSEHOLD INCOME IN 1979												
Less than \$5,000	663	5	19	39	246	354	1 173	127	201	136	207	502
\$5,000 to \$9,999	1 486	44	54	102	624	662	1 342	147	164	250	341	440
\$10,000 to \$12,499	783	36	38	34	317	358	639	64	115	162	116	182
\$12,500 to \$14,999	914	71	30	103	362	348	673	90	66	125	179	213
\$15,000 to \$19,999	2 222	302	189	177	810	744	1 360	325	189	162	253	431
\$20,000 to \$24,999	2 652	292	340	383	860	777	781	98	131	146	151	255
\$25,000 to \$34,999	3 375	423	400	700	1 048	804	508	93	71	93	105	146
\$35,000 to \$49,999	1 539	182	204	436	430	287	147	39	9	25	13	61
\$50,000 or more	815	63	112	273	195	172	23	5	8	6	4	—
Median	\$21 982	\$24 153	\$25 423	\$29 028	\$20 455	\$18 401	\$13 128	\$15 859	\$12 435	\$12 590	\$12 786	\$12 376
Mean	\$25 207	\$26 803	\$29 076	\$34 534	\$23 254	\$20 986	\$13 994	\$15 957	\$14 016	\$14 332		

Table B—8. Units in Structure for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

Appleton city	Owner-occupied housing units				Renter-occupied housing units							
	Total	1 unit, detached or attached	2 or more units	Mobile home or trailer, etc.	Total	1 unit, detached or attached	2 units	3 and 4 units	5 to 9 units	10 to 49 units	50 or more units	Mobile home or trailer, etc.
Occupied housing units	14 449	14 004	429	16	6 646	1 524	2 208	758	570	1 049	525	12
Condominium housing units	—	—	—	—	32	—	—	—	—	19	13	—
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER												
Married-couple families	11 179	10 955	208	16	2 296	814	822	164	154	254	82	6
15 to 24 years	315	302	13	—	612	162	269	38	44	88	11	—
25 to 34 years	2 760	2 700	60	—	924	328	361	77	64	74	20	—
35 to 44 years	2 369	2 315	44	10	256	127	85	15	7	18	4	—
45 to 64 years	3 991	3 929	56	6	302	140	47	22	12	49	26	6
65 years and over	1 744	1 709	35	—	202	57	60	12	27	25	21	—
Male householder, no wife present	872	796	76	—	1 552	266	540	182	124	335	105	—
15 to 24 years	53	46	7	—	571	87	220	82	73	97	12	—
25 to 34 years	216	187	29	—	559	107	188	63	23	140	38	—
35 to 44 years	167	147	20	—	113	13	65	5	5	25	—	—
45 to 64 years	188	182	6	—	216	41	56	32	7	67	13	—
65 years and over	248	234	14	—	93	18	11	—	16	6	42	—
Female householder, no husband present	2 398	2 253	145	—	2 798	444	846	412	292	460	338	6
15 to 24 years	14	14	—	—	649	75	217	121	59	149	28	—
25 to 34 years	232	219	13	—	659	137	248	62	71	116	19	6
35 to 44 years	267	262	5	—	268	68	55	38	47	32	28	—
45 to 64 years	674	619	55	—	533	86	167	101	48	82	49	—
65 years and over	1 211	1 139	72	—	689	78	159	90	67	81	214	—
Median age	48.6	48.5	50.1	44.0	30.3	32.1	28.4	30.1	30.5	29.2	65.9	40.0
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980	1 348	1 299	49	—	3 237	653	1 077	422	347	557	175	6
1975 to 1978	3 889	3 754	125	10	2 289	550	808	221	144	367	199	—
1970 to 1974	2 339	2 276	63	—	670	169	174	55	46	88	132	6
1960 to 1969	2 877	2 820	51	6	323	76	123	47	29	37	11	—
1959 or earlier	3 996	3 855	141	—	127	76	26	13	4	—	8	—
ROOMS												
1 room	5	5	—	—	118	—	—	18	22	78	—	—
2 rooms	6	6	—	—	336	8	23	64	22	91	128	—
3 rooms	120	104	16	—	1 326	99	302	237	112	330	240	6
4 rooms	1 235	1 070	159	6	2 377	367	1 023	310	235	341	101	—
5 rooms	3 679	3 534	145	—	1 459	387	661	101	143	121	40	6
6 rooms	4 336	4 245	81	10	654	372	162	18	26	60	16	—
7 or more rooms	5 068	5 040	28	—	376	291	37	10	10	28	—	—
Median	6.0	6.0	4.8	5.7	4.1	5.2	4.3	3.7	4.0	3.6	3.1	4.0
PLUMBING FACILITIES BY PERSONS PER ROOM												
Complete plumbing for exclusive use	14 413	13 982	415	16	6 539	1 517	2 186	740	548	1 031	505	12
0.50 or less	9 104	8 794	310	—	4 565	890	1 503	593	395	778	400	6
0.51 to 1.00	5 100	4 985	99	16	1 833	569	646	135	142	230	105	6
1.01 to 1.50	174	168	6	—	103	42	30	7	6	18	—	—
1.51 or more	35	35	—	—	38	16	7	5	5	5	—	—
Lacking complete plumbing for exclusive use	36	22	14	—	107	7	22	18	22	18	20	—
0.50 or less	32	18	14	—	60	7	11	11	12	7	12	—
0.51 to 1.00	—	—	—	—	43	—	11	7	6	11	8	—
1.01 to 1.50	4	4	—	—	—	—	—	—	—	—	—	—
1.51 or more	—	—	—	—	4	—	—	—	4	—	—	—
BEDROOMS												
None	5	5	—	—	143	—	6	30	22	85	—	—
1	295	227	68	—	1 987	142	480	344	176	469	370	6
2	2 823	2 568	249	6	3 465	724	1 500	346	328	418	149	—
3	7 949	7 841	98	10	840	474	206	33	44	71	6	6
4	2 988	2 974	14	—	174	159	10	5	—	—	—	—
5 or more	389	389	—	—	37	25	6	—	—	6	—	—
HOUSEHOLD INCOME IN 1979												
Less than \$5,000	663	624	39	—	1 173	138	341	173	116	134	271	—
\$5,000 to \$9,999	1 486	1 411	69	6	1 342	215	454	193	137	216	115	12
\$10,000 to \$12,499	783	751	32	—	639	112	199	74	62	172	20	—
\$12,500 to \$14,999	914	885	29	—	673	139	233	113	53	114	21	—
\$15,000 to \$19,999	2 222	2 159	63	—	1 360	355	494	98	111	230	72	—
\$20,000 to \$24,999	2 652	2 575	67	10	781	284	297	60	50	70	20	—
\$25,000 to \$34,999	3 375	3 290	85	—	508	198	144	43	29	88	6	—
\$35,000 to \$49,999	1 539	1 507	32	—	147	79	32	4	12	20	—	—
\$50,000 or more	815	802	13	—	23	4	14	—	—	5	—	—
Median	\$21 982	\$22 050	\$18 713	\$23 000	\$13 128	\$17 057	\$13 680	\$10 439	\$11 290	\$12 555	\$4 904	\$6 250
Mean	\$25 207	\$25 385	\$19 716	\$16 880	\$13 994	\$17 586	\$14 301	\$11 736	\$12 090	\$13 990	\$7 786	\$6 513
SELECTED CHARACTERISTICS												
Heating equipment	14 449	14 004	429	16	6 642	1 524	2 208	758	566	1 049	525	12
Steam or hot water system	1 231	1 160	71	—	1 470	118	256	258	172	432	228	6
Central warm-air furnace or electric heat pump	12 581	12 237	328	16	3 973	1 173	1 663	406	276	315	134	6
Other built-in electric units	115	112	3	—	658	47	72	50	93	287	109	—
Floor, wall, or pipeless furnace	75	75	—	—	95	18	24	12	8	6	27	—
Other means	447	420	27	—	446	168	193	32	17	9	27	—
Air conditioning	6 874	6 663	205	6	2 587	385	472	252	359	881	232	6
Central system	2 580	2 534	46	—	531	70	121	46	51	171	72	—
Vehicles available	13 769	13 370	383	16	5 598	1 376	1 912	648	490	895	277	—
1	5 204	5 001	203	—	3 588	722	1 210	520	333	602	201	—
2 or more	8 565	8 369	180	16	2 010	654	702	128	157	293	76	—
House heating fuel	14 449	14 004	429	16	6 642	1 524	2 208	758	566	1 049	525	12
Utility gas	9 177	8 831	330	16	4 431	913	1 633	494	382	640	357	12
Bottled, tank, or LP gas	35	35	—	—	89	45	32	7	—	5	—	—
Electricity	173	170	3	—	838	72	106	69	124	326	141	—
Fuel oil, kerosene, etc.	4 988	4 892	96	—	1 236	487	424	182	60	71	12	—
Other	76	76	—	—	48	7	13	6	—	7	15	—
Water heating fuel	14 449	14 004	429	16	6 639	1 517	2 208	758	570	1 049	525	12
Utility gas	8 333	8 008	309	16	4 228	869	1 605	518	364	505	355	12
Bottled, tank, or LP gas	188	184	4	—	148	52	71	5	14	6	—	—
Electricity	5 127	5 037	90	—	2 063	524	503	177	170	525	164	—
Fuel oil, kerosene, etc.	801	775	26	—	193	72	22	58	22	13	6	—
Other	—	—	—	—	7	—	7	—	—	—	—	—
Family householder	12 204	11 942	246	16	3 180	1 081	1 130	240	232	341	150	6
With own children under 18 years	6 645	6 513	116	16	1 804	677	673	83	127	156	82	6
With own children under 6 years	2 702	2 625	67	10	1 124	389	455	56	91	97	36	—
Female householder, no husband present	801	766	35	—	751	235	272	48	65	69	62	—
With own children under 18 years	426	410	16	—	592	175	216	42	47	61	51	—
With own children under 6 years	98	91	7	—	262	53	119	25	23	23	19	—
Nonfamily householder	2 245	2 062	183	—	3 466	443	1 078	518	338	708	375	6
Income in 1979 below poverty level	423	387	30	6	969	167	317	120	95	109	155	6
Percent below poverty level	2.9	2.8	7.0	37.5	14.6	11.0	14.4	15.8	16.7	10.4	29.5	50.0

Table B—9. Owner- and Renter-Occupied Housing Units by Size of Household: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Appleton city	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 or more persons	Median	Total persons
Owner-occupied housing units	14 449	2 054	4 538	2 715	2 830	1 348	624	234	106	2.73	43 563
Nonrelatives present	343	—	139	70	42	7	41	20	24	2.96	1 201
ROOMS											
1 to 3 rooms	131	63	46	12	5	—	5	—	—	1.55	279
4 rooms	1 235	443	573	160	49	6	4	—	—	1.80	2 525
5 rooms	3 679	677	1 374	685	584	290	45	18	—	2.35	9 569
6 rooms	4 336	479	1 400	927	809	421	209	68	23	2.81	13 148
7 rooms	2 759	253	734	500	775	303	123	60	11	3.28	8 947
8 or more rooms	2 309	139	411	431	608	328	238	100	54	3.79	9 095
Median	6.0	5.3	5.7	6.0	6.5	6.4	6.9	7.2	7.6	...	...
PLUMBING FACILITIES BY PERSONS PER ROOM											
Complete plumbing for exclusive use	14 413	2 030	4 530	2 715	2 830	1 348	620	234	106	2.74	43 476
1.00 or less	14 204	2 030	4 530	2 710	2 825	1 342	570	160	37	2.70	42 215
1.01 to 1.50	174	—	—	—	5	6	45	74	44	6.92	1 078
1.51 or more	35	—	—	5	—	—	5	—	25	7.92	183
Lacking complete plumbing for exclusive use	36	24	8	—	—	—	4	—	—	1.25	87
1.00 or less	32	24	8	—	—	—	—	—	—	1.17	53
1.01 to 1.50	4	—	—	—	—	—	4	—	—	6.00	34
1.51 or more	—	—	—	—	—	—	—	—	—	—	—
UNITS IN STRUCTURE											
1, detached or attached	14 004	1 899	4 392	2 662	2 778	1 312	621	234	106	2.77	41 900
2 or more	429	155	146	47	52	26	3	—	—	1.91	1 593
Mobile home or trailer, etc.	16	—	—	6	—	10	—	—	—	4.70	70
VALUE											
Specified owner-occupied housing units	13 570	1 860	4 206	2 592	2 709	1 288	588	225	102	2.78	40 000
Less than \$10,000	9	3	6	—	—	—	—	—	—	1.75	21
\$10,000 to \$19,999	479	189	186	43	20	6	27	8	—	1.77	1 250
\$20,000 to \$29,999	1 728	447	640	295	224	40	44	23	15	2.15	3 747
\$30,000 to \$39,999	3 033	467	1 071	637	467	230	101	54	6	2.48	8 212
\$40,000 to \$49,999	3 229	376	1 024	623	598	416	118	47	27	2.84	9 600
\$50,000 to \$59,999	2 163	205	559	425	566	216	152	23	17	3.25	6 968
\$60,000 to \$79,999	1 992	117	490	363	557	289	113	43	20	3.55	6 893
\$80,000 to \$99,999	611	30	119	148	203	54	23	7	7	3.54	2 164
\$100,000 to \$149,999	236	26	78	48	54	21	4	—	5	2.79	804
\$150,000 or more	90	—	33	10	20	16	6	—	5	3.60	341
Median	\$44 400	\$36 100	\$41 700	\$44 600	\$50 600	\$48 700	\$50 200	\$45 900	\$50 900	...	...
SELECTED CHARACTERISTICS											
All income levels in 1979	14 449	2 054	4 538	2 715	2 830	1 348	624	234	106	2.73	43 563
Median income	\$21 982	\$8 690	\$20 895	\$23 993	\$24 604	\$26 204	\$27 885	\$29 583	\$36 538	...	...
Median selected monthly owner costs as percentage of household income	16.9	25.7	14.5	15.8	17.7	16.3	16.7	16.2	13.6	...	...
With a mortgage	19.2	27.7	19.3	19.3	19.1	17.4	18.6	19.8	13.8	...	...
Not mortgaged	11.6	24.2	11.2	10—	10—	10—	10—	10—	12.0	...	...
Income in 1979 below poverty level	423	223	46	65	53	21	8	7	—	1.45	...
Median income	\$3 076	\$2500—	\$4 013	\$3 750	\$5 179	\$5 750	\$8 750	\$2500—	—	...	...
Median selected monthly owner costs as percentage of household income	50+	50+	47.6	50+	50+	50+	32.5	—	—	...	...
With a mortgage	50+	50+	50+	50+	50+	50+	32.5	—	—	...	...
Not mortgaged	50+	50+	46.2	27.5	29.3	—	—	—	—	...	...
Renter-occupied housing units	6 646	2 664	2 137	925	576	192	105	23	24	1.81	13 886
Nonrelatives present	900	—	675	149	55	5	11	—	5	2.17	2 155
ROOMS											
1 room	118	104	10	—	—	—	4	—	—	1.07	167
2 rooms	336	279	45	12	—	—	—	—	—	1.10	410
3 rooms	1 326	1 014	259	40	8	5	—	—	—	1.15	1 671
4 rooms	2 377	847	975	381	155	12	—	7	—	1.85	4 623
5 rooms	1 459	323	523	279	204	68	51	6	5	2.28	3 752
6 rooms	654	59	232	148	130	52	19	6	8	2.74	1 979
7 or more rooms	376	38	93	65	79	55	31	4	11	3.38	1 284
Median	4.1	3.4	4.3	4.6	5.1	5.7	5.5	5.3	6.4	...	...
PLUMBING FACILITIES BY PERSONS PER ROOM											
Complete plumbing for exclusive use	6 539	2 592	2 117	920	570	192	101	23	24	1.82	13 699
1.00 or less	6 398	2 592	2 107	908	562	175	50	4	—	1.79	12 952
1.01 to 1.50	103	—	—	12	8	12	51	12	8	5.88	505
1.51 or more	38	—	10	—	—	5	7	16	7	7.07	242
Lacking complete plumbing for exclusive use	107	72	20	5	6	—	4	—	—	1.24	187
1.00 or less	103	72	20	5	6	—	—	—	—	1.22	155
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—	—
1.51 or more	4	—	—	—	—	—	4	—	—	6.00	32
UNITS IN STRUCTURE											
1, detached or attached	1 524	259	505	279	274	101	66	16	24	2.50	4 325
2	2 208	744	805	380	195	58	19	7	—	1.95	4 783
3 and 4	758	425	246	66	16	5	—	—	—	1.39	1 148
5 to 9	570	276	162	70	37	15	10	—	—	1.56	1 081
10 to 49	1 049	589	324	71	42	13	10	—	—	1.39	1 745
50 or more	525	365	95	59	6	6	—	—	—	1.22	776
Mobile home or trailer, etc.	12	6	—	—	6	—	—	—	—	2.50	28
GROSS RENT											
Specified renter-occupied housing units	6 601	2 664	2 113	915	570	187	105	23	24	1.80	13 727
Less than \$100	386	329	26	19	—	8	4	—	—	1.09	509
\$100 to \$149	487	341	84	27	21	14	—	—	—	1.21	701
\$150 to \$199	1 357	769	460	77	36	15	—	—	—	1.38	2 077
\$200 to \$249	1 947	797	653	332	115	26	17	7	—	1.77	3 754
\$250 to \$299	1 187	259	464	207	187	36	28	6	—	2.22	2 983
\$300 to \$349	662	93	268	136	101	38	13	—	13	2.39	1 793
\$350 to \$399	318	26	95	78	56	33	27	—	3	2.99	1 012
\$400 to \$499	99	5	26	6	42	12	—	—	8	3.80	365
\$500 or more	27	—	—	4	6	—	7	10	—	6.00	164
No cash rent	131	45	37	29	6	5	9	—	—	2.05	369
Median	\$225	\$191	\$238	\$248	\$281	\$282	\$298	\$269	\$346	...	...
SELECTED CHARACTERISTICS											
All income levels in 1979	6 646	2 664	2 137	925	576	192	105	23	24	1.81	13 886
Median income	\$13 128	\$8 906	\$16 446	\$16 125	\$17 857	\$11 310	\$21 458	\$9 375	\$16 154	...	...
Median gross rent as percentage of household income	21.8	24.6	19.1	20.5	18.9	33.8	19.5	34.6	24.4	...	...
Income in 1979 below poverty level	969	418	280	118	60	74	—	13	6	1.74	...
Median income	\$3 219	\$2500—	\$3 731	\$4 694	\$6 210	\$4 474	—	\$2500—	\$5 000	...	...
Median gross rent as percentage of household income	50+	50+	50+	50+	27.8	50+	—	50+	50.0	...	...

Table B — 10. Household Composition and Age of Householder for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

Appleton city	Married-couple families					Male householder, no wife present					Female householder, no husband present					Median age					
	15 to 24 years		25 to 34 years		35 to 44 years		45 to 64 years		65 years and over		15 to 24 years		25 to 34 years		35 to 44 years		45 to 64 years		65 years and over		
	Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years		65 years and over	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over
Owner-occupied housing units -----	14 449	315	2 760	2 369	3 991	1 744	53	216	167	188	248	14	232	267	674	1 211	48.6				
PERSONS IN UNIT																					
1 person -----	2 054	166	590	159	1 470	1 479	20	140	81	106	196	14	91	56	370	980	67.8				
2 persons -----	4 538	88	794	262	1 066	2 055	18	56	21	47	44	—	46	55	187	200	60.7				
3 persons -----	2 715	53	947	885	765	45	7	15	50	25	8	—	64	63	58	10	45.3				
4 persons -----	2 830	8	310	576	389	6	—	5	12	—	—	—	12	53	6	—	40.9				
5 persons -----	1 348	—	119	487	301	9	—	—	—	—	—	—	—	—	—	—	42.2				
6 or more persons -----	964	2.45	3.49	4.36	2.99	2.09	1.86	1.27	1.62	1.13	1.00	1.00	11	22	15	15	42.2				
Median -----	2 773	881	9 290	10 789	13 188	3 799	139	326	352	329	21	21	505	784	1 584	1 584	...				
Total persons -----	43 563																				
PLUMBING FACILITIES BY PERSONS PER ROOM																					
Complete plumbing for exclusive use -----	14 413	315	2 760	2 369	3 982	1 744	53	216	167	188	244	14	229	267	674	1 191	48.5				
1.01 or more persons per room -----	209	10	32	110	41	4	—	—	—	—	4	—	—	5	—	7	41.4				
Lacking complete plumbing for exclusive use -----	36	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	68.8				
1.01 or more persons per room -----	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	52.5				
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979																					
Specified owner-occupied housing units																					
With a mortgage -----	13 570	290	2 642	2 244	3 782	1 639	46	182	143	171	228	12	219	248	612	1 112	48.5				
Less than 15 percent -----	8 187	285	2 573	2 042	1 989	1 173	46	176	114	57	25	—	219	212	223	53	38.0				
15 to 19 percent -----	2 054	30	284	759	1 127	30	13	42	36	17	6	—	11	23	44	—	45.5				
20 to 24 percent -----	1 596	86	766	504	654	23	25	18	18	5	—	—	13	59	—	—	36.5				
25 to 29 percent -----	967	84	397	144	144	51	25	52	5	18	14	—	27	56	24	8	34.0				
30 to 34 percent -----	464	46	389	221	105	37	24	24	8	8	5	—	38	29	—	—	34.3				
35 percent or more -----	716	25	209	95	28	12	8	33	26	17	5	—	26	20	12	—	33.3				
Not computed -----	13	14	181	86	81	20	8	33	26	17	—	—	104	46	55	45	36.0				
Median -----	19.2	21.6	21.6	17.7	14.2	23.3	22.0	27.0	17.5	21.8	27.3	—	33.9	13	—	—	37.5				
Net mortgaged -----	5 383	5	69	202	1 793	1 466	—	6	29	114	203	12	—	36	21.8	50+	65.2				
Less than 10 percent -----	2 335	5	49	144	1 337	456	—	6	9	70	43	7	—	—	85	124	58.6				
10 to 14 percent -----	1 072	—	15	46	287	384	—	—	6	19	34	—	—	11	142	128	65.2				
15 to 19 percent -----	598	—	5	6	93	269	—	—	—	18	22	—	—	13	54	118	69.7				
20 to 24 percent -----	474	—	—	—	44	222	—	—	7	—	36	—	—	7	37	128	72.4				
25 to 29 percent -----	263	—	—	6	32	63	—	—	—	—	15	—	—	7	10	130	73.8				
30 to 34 percent -----	131	—	—	—	—	38	—	—	—	—	14	—	—	—	4	75	74.7				
35 percent or more -----	503	—	—	—	—	34	—	—	7	7	39	5	—	5	57	349	72.7				
Not computed -----	7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	77.5				
Median -----	11.6	10—	10—	10—	10—	13.6	—	10—	14.6	10—	20.3	10—	17.7	13.9	26.1	—	...				
Renter-occupied housing units -----	6 646	612	924	256	302	202	571	559	113	216	93	649	659	268	533	689	30.3				
PERSONS IN UNIT																					
1 person -----	2 664	—	316	32	147	—	304	316	56	177	79	276	323	119	391	623	40.4				
2 persons -----	2 137	359	274	48	70	165	203	213	47	16	4	284	160	35	90	66	27.2				
3 persons -----	925	144	259	64	45	37	7	27	10	5	6	64	104	50	30	—	28.5				
4 persons -----	576	83	40	47	22	—	8	3	—	—	—	16	46	24	18	—	30.8				
5 persons -----	192	21	40	47	22	—	—	—	—	—	—	—	22	32	—	—	35.6				
6 or more persons -----	152	5	35	65	18	—	—	—	—	—	—	—	4	8	—	—	38.4				
Median -----	1.81	2.35	3.03	4.25	2.56	2.11	1.44	1.38	1.51	1.11	1.09	1.67	1.54	1.93	1.05	1.05	...				
Total persons -----	13 886	1 604	2 922	1 096	876	413	943	824	188	300	148	1 192	1 285	614	746	755	...				
PLUMBING FACILITIES BY PERSONS PER ROOM																					
Complete plumbing for exclusive use -----	6 539	612	917	256	302	202	541	559	113	198	89	638	659	254	527	672	30.2				
1.01 or more persons per room -----	107	5	60	30	15	—	—	5	—	—	—	14	—	8	4	—	29.9				
Lacking complete plumbing for exclusive use -----	4	—	—	—	—	—	—	—	—	—	—	11	—	—	—	—	39.6				
1.01 or more persons per room -----	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	67.5				
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979																					
Specified renter-occupied housing units																					
Less than 15 percent -----	6 601	607	908	251	288	197	571	559	113	216	93	649	659	268	533	689	30.3				
15 to 19 percent -----	1 430	132	246	78	131	17	124	248	33	127	10	41	85	27	69	62	30.3				
20 to 24 percent -----	1 401	203	281	35	62	21	152	120	61	14	—	151	99	52	60	72	28.0				
25 to 29 percent -----	1 065	127	194	35	23	56	70	96	88	27	35	88	109	20	84	101	28.9				
30 to 34 percent -----	483	38	102	12	14	17	47	35	6	16	14	79	100	29	71	103	32.0				
35 to 39 percent -----	444	31	20	18	15	32	35	19	—	15	10	40	32	39	62	76	42.7				
40 to 49 percent -----	568	49	15	21	10	24	38	15	—	12	6	81	91	47	85	85	35.7				
50 percent or more -----	823	25	34	18	18	6	85	36	8	14	14	151	128	54	82	164	31.1				
Not computed -----	187	2	16	16	15	24	20	5	—	5	4	15	15	—	24	26	45.9				
Median -----	21.8	19.2	18.6	18.7	15.4	24.3	20.0	16.2	16.9	13.8	24.9	27.3	26.4	30.8	27.9	29.7	...				

Table B-11. Age and Sex of Householder in One-Person Households for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

Appleton city	Male householder						Female householder						
	Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	
Owner-occupied housing units	2 054	543	20	140	81	106	196	1 511	14	91	56	370	980
PLUMBING FACILITIES													
Complete plumbing for exclusive use	2 030	539	20	140	81	106	192	1 491	14	91	56	370	960
Lacking complete plumbing for exclusive use	24	4	-	-	-	-	4	20	-	-	-	-	20
UNITS IN STRUCTURE													
1, detached or attached	1 899	485	14	119	68	102	182	1 414	14	86	51	336	927
2 or more	155	58	6	21	13	4	14	97	-	5	5	34	53
Mobile home or trailer, etc.	-	-	-	-	-	-	-	-	-	-	-	-	-
HOUSEHOLD INCOME IN 1979													
Less than \$5,000	527	98	-	6	12	12	68	429	5	6	8	46	364
\$5,000 to \$9,999	610	88	-	11	7	11	59	522	-	5	13	112	392
\$10,000 to \$12,499	285	73	12	7	9	18	27	212	-	30	7	58	117
\$12,500 to \$14,999	183	63	-	39	-	6	18	120	7	24	8	37	44
\$15,000 to \$19,999	219	94	8	48	20	13	5	125	2	26	15	71	11
\$20,000 to \$24,999	70	46	-	16	8	22	-	24	-	-	-	18	6
\$25,000 to \$34,999	89	33	-	13	-	7	13	56	-	-	5	21	30
\$35,000 to \$49,999	44	38	-	-	25	7	6	6	-	-	-	-	6
\$50,000 or more	27	10	-	-	-	10	-	17	-	-	-	7	10
Median	\$8 690	\$12 996	\$12 083	\$15 729	\$17 656	\$18 654	\$7 500	\$7 274	\$13 214	\$12 969	\$12 500	\$11 164	\$6 121
Mean	\$11 119	\$15 271	\$14 557	\$16 429	\$20 469	\$20 583	\$9 495	\$9 627	\$10 945	\$12 570	\$12 782	\$12 763	\$7 970
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS													
Specified owner-occupied housing units	1 860	468	14	114	64	97	179	1 392	12	86	51	333	910
With a mortgage	469	223	14	114	46	30	19	246	-	86	38	93	29
Less than \$200	28	9	-	6	-	-	3	19	-	5	-	11	3
\$200 to \$249	35	5	-	5	-	-	-	30	-	-	-	12	18
\$250 to \$299	131	69	-	36	16	12	5	62	-	24	-	30	8
\$300 to \$349	85	42	6	19	5	6	6	43	-	24	8	11	-
\$350 to \$399	66	31	-	14	-	12	5	35	-	14	15	6	-
\$400 to \$499	74	38	-	13	25	-	-	36	-	13	15	8	-
\$500 to \$599	36	21	-	21	-	-	-	15	-	-	-	15	-
\$600 to \$749	14	8	8	-	-	-	-	6	-	6	-	-	-
\$750 or more	-	-	-	-	-	-	-	-	-	-	-	-	-
Median	\$324	\$334	\$619	\$326	\$405	\$325	\$313	\$314	-	\$329	\$387	\$289	\$232
Not mortgaged	1 391	245	-	-	18	67	160	1 146	12	-	13	240	881
Less than \$50	-	-	-	-	-	-	-	-	-	-	-	-	-
\$50 to \$74	40	10	-	-	-	-	10	30	-	-	-	8	22
\$75 to \$99	163	26	-	-	-	5	21	137	7	-	-	21	109
\$100 to \$124	295	48	-	-	11	13	24	247	-	-	13	69	165
\$125 to \$149	430	74	-	-	7	35	32	356	-	-	-	93	263
\$150 to \$199	271	49	-	-	-	-	49	222	-	-	-	20	202
\$200 to \$249	140	7	-	-	-	7	-	133	5	-	-	25	103
\$250 or more	52	31	-	-	-	7	24	21	-	-	-	4	17
Median	\$136	\$138	-	-	\$120	\$136	\$145	\$136	\$96	-	\$113	\$131	\$139
SELECTED CHARACTERISTICS													
Median selected monthly owner costs as percentage of household income in 1979	25.7	23.0	50+	28.0	18.9	11.8	23.8	26.6	10-	29.6	26.8	18.5	28.7
With a mortgage	27.7	26.4	50+	28.0	17.6	21.2	28.4	29.0	-	29.6	28.3	27.2	48.3
Not mortgaged	24.2	19.2	-	-	23.6	10-	22.5	25.5	10-	-	17.5	16.4	28.4
Income in 1979 below poverty level	223	42	-	6	12	7	17	181	-	6	8	32	135
Percent below poverty level	10.9	7.7	-	4.3	14.8	6.6	8.7	12.0	-	6.6	14.3	8.6	13.8
Renter-occupied housing units	2 664	932	304	316	56	177	79	1 732	276	323	119	391	623
PLUMBING FACILITIES													
Complete plumbing for exclusive use	2 592	889	279	316	56	159	79	1 703	271	323	113	385	611
Lacking complete plumbing for exclusive use	72	43	25	-	-	18	-	29	5	-	6	6	12
UNITS IN STRUCTURE													
1, detached or attached	259	90	26	30	-	20	14	169	12	57	10	31	59
2	744	302	117	99	38	43	5	442	76	107	12	112	135
3 and 4	425	113	51	25	5	32	-	312	70	34	27	91	90
5 to 9	276	80	50	11	-	7	12	196	25	38	35	48	50
10 to 49	589	254	54	119	13	62	6	335	82	74	27	71	81
50 or more	365	93	6	32	-	13	42	272	11	7	8	38	208
Mobile home or trailer, etc.	6	-	-	-	-	-	-	6	-	6	-	-	-
HOUSEHOLD INCOME IN 1979													
Less than \$5,000	814	140	65	20	-	17	38	674	111	74	20	116	353
\$5,000 to \$9,999	686	181	87	28	8	28	30	505	72	98	41	118	176
\$10,000 to \$12,499	322	146	66	28	5	42	5	176	37	52	13	47	27
\$12,500 to \$14,999	302	115	50	51	7	7	-	187	35	52	11	67	22
\$15,000 to \$19,999	388	236	36	145	20	35	-	152	21	47	20	30	34
\$20,000 to \$24,999	87	63	-	20	11	32	-	24	-	-	14	6	4
\$25,000 to \$34,999	56	42	-	15	5	16	6	14	-	-	-	7	7
\$35,000 to \$49,999	9	9	-	9	-	-	-	-	-	-	-	-	-
\$50,000 or more	-	-	-	-	-	-	-	-	-	-	-	-	-
Median	\$8 906	\$12 483	\$10 000	\$15 783	\$16 538	\$13 036	\$5 268	\$6 943	\$7 045	\$9 630	\$9 812	\$8 563	\$4 642
Mean	\$9 686	\$12 753	\$9 584	\$15 441	\$16 380	\$14 644	\$7 388	\$8 036	\$7 528	\$9 384	\$11 129	\$9 168	\$6 262
GROSS RENT													
Specified renter-occupied housing units	2 664	932	304	316	56	177	79	1 732	276	323	119	391	623
Less than \$100	329	85	17	6	-	43	19	244	18	-	6	35	185
\$100 to \$149	341	110	38	23	-	14	35	231	28	17	21	61	104
\$150 to \$199	769	260	108	93	17	35	7	509	126	105	28	104	146
\$200 to \$249	797	312	109	102	27	61	13	485	82	145	27	128	103
\$250 to \$299	259	94	20	39	12	18	5	165	13	50	26	23	53
\$300 to \$349	93	48	7	35	-	6	-	45	-	-	-	38	7
\$350 to \$399	26	13	-	13	-	-	-	13	-	-	6	-	7
\$400 to \$499	5	-	-	-	-	-	-	5	-	-	5	-	-
\$500 or more	-	-	-	-	-	-	-	-	-	-	-	-	-
No cash rent	45	10	5	5	-	-	-	35	9	6	-	2	18
Median	\$191	\$201	\$193	\$211	\$214	\$188	\$141	\$187	\$185	\$209	\$204	\$199	\$154
SELECTED CHARACTERISTICS													
Median gross rent as percentage of household income in 1979	24.6	19.6	23.3	17.3	16.9	14.4	26.6	28.2	28.3	24.9	26.8	27.5	30.4
Income in 1979 below poverty level	418	84	33	20	-	11	20	334	68	47	15	62	142
Percent below poverty level	15.7	9.0	10.9	6.3	-	6.2	25.3	19.3	24.6	14.6	12.6	15.9	22.8

Table B-12. Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Appleton city				Appleton city					
	Total	Less than 2 months	2 up to 6 months	6 or more months		Total	Less than 2 months	2 up to 6 months	6 or more months
Vacant for sale only housing units	117	45	53	19	Vacant for rent housing units	245	126	87	32
ROOMS					ROOMS				
1 to 3 rooms	7	7	-	-	1 room	7	7	-	-
4 rooms	18	-	9	9	2 rooms	15	7	8	-
5 rooms	25	13	12	-	3 rooms	53	27	13	13
6 rooms	28	12	16	-	4 rooms	113	61	42	10
7 or more rooms	29	6	13	10	5 rooms	52	19	24	9
Median	5.8	5.7	5.8	6.5	6 rooms	5	5	-	-
					7 or more rooms	-	-	-	-
					Median	3.9	3.9	4.0	3.8
PLUMBING FACILITIES					PLUMBING FACILITIES				
Complete plumbing for exclusive use	117	45	53	19	Complete plumbing for exclusive use	245	126	87	32
Lacking complete plumbing for exclusive use	-	-	-	-	Lacking complete plumbing for exclusive use	-	-	-	-
BEDROOMS					BEDROOMS				
None	7	7	-	-	None	7	7	-	-
1	9	-	-	9	1	78	38	22	18
2	16	6	10	4	2	118	57	56	5
3	62	24	34	4	3	42	24	9	9
4	17	8	9	6	4	-	-	-	-
5 or more	6	-	-	6	5 or more	-	-	-	-
YEAR STRUCTURE BUILT					YEAR STRUCTURE BUILT				
1975 to March 1980	46	18	28	-	1975 to March 1980	52	33	19	-
1970 to 1974	-	-	-	-	1970 to 1974	39	6	19	14
1960 to 1969	14	8	-	6	1960 to 1969	30	12	18	-
1950 to 1959	14	6	8	-	1950 to 1959	28	23	5	-
1940 to 1949	6	6	-	-	1940 to 1949	28	5	18	5
1939 or earlier	37	7	17	13	1939 or earlier	68	47	8	13
UNITS IN STRUCTURE					UNITS IN STRUCTURE				
1, detached or attached	103	45	48	10	1, detached or attached	76	23	35	18
2 or more	14	-	5	9	2	43	33	10	-
Mobile home or trailer	-	-	-	-	3 and 4	15	11	-	4
EATING EQUIPMENT					5 to 9	35	26	9	-
Central heating system	117	45	53	19	10 to 49	41	18	23	-
Other means	-	-	-	-	50 or more	35	15	10	10
None	-	-	-	-	Mobile home or trailer	-	-	-	-
PRICE ASKED					RENT ASKED				
Specified vacant for sale only housing units	102	45	47	10	Specified vacant for rent housing units	245	126	87	32
Less than \$10,000	7	7	-	-	Less than \$100	-	-	-	-
\$10,000 to \$19,999	4	-	-	4	\$100 to \$149	42	12	25	5
\$20,000 to \$29,999	4	-	4	-	\$150 to \$199	46	34	8	4
\$30,000 to \$39,999	14	5	9	-	\$200 to \$249	124	65	36	23
\$40,000 to \$49,999	24	15	3	6	\$250 to \$299	24	6	18	-
\$50,000 to \$59,999	9	5	4	-	\$300 to \$399	9	9	-	-
\$60,000 to \$79,999	35	8	27	-	\$400 or more	-	-	-	-
\$80,000 to \$99,999	-	-	-	-	Median	\$213	\$216	\$210	\$213
\$100,000 or more	5	5	-	-					
Median	\$49 300	\$48 000	\$66 600	\$40 800					

Table B-13. Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Appleton city	Price asked—Specified vacant for sale only housing units							Rent asked—Specified vacant for rent housing units						
	Total	Less than \$10,000	\$10,000 to \$29,999	\$30,000 to \$49,999	\$50,000 to \$99,999	\$100,000 or more	Median (dollars)	Total	Less than \$100	\$100 to \$199	\$200 to \$299	\$300 to \$399	\$400 or more	Median (dollars)
Total	102	7	8	38	44	5	49 300	245	-	88	148	9	-	213
PLUMBING FACILITIES														
Complete plumbing for exclusive use	102	7	8	38	44	5	49 300	245	-	88	148	9	-	213
Lacking complete plumbing for exclusive use	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BEDROOMS														
None	7	7	-	-	-	-	10000-	7	-	7	-	-	-	115
1	-	-	-	-	-	-	-	78	-	13	65	-	-	219
2	16	-	4	11	1	-	34 000	118	-	53	65	-	-	207
3	56	-	4	17	34	1	55 000	42	-	15	18	9	-	217
4	17	-	-	4	9	4	68 800	-	-	-	-	-	-	-
5 or more	6	-	-	6	-	-	42 500	-	-	-	-	-	-	-
YEAR STRUCTURE BUILT														
1975 to March 1980	46	-	-	9	33	4	68 900	52	-	10	33	9	-	241
1970 to 1974	-	-	-	-	-	-	-	39	-	4	35	-	-	234
1960 to 1969	14	-	-	10	4	-	46 300	30	-	-	30	-	-	213
1950 to 1959	13	-	4	4	4	1	43 100	28	-	14	14	-	-	197
1940 to 1949	6	-	-	6	-	-	33 000	28	-	23	5	-	-	130
1939 or earlier	23	7	4	9	3	-	30 600	68	-	37	31	-	-	177
UNITS IN STRUCTURE														
1, detached or attached	102	7	8	38	44	5	49 300	76	-	32	44	-	-	205
2 or more	...	...	...	...	...	...	...	169	-	56	104	9	-	220
Mobile home or trailer	...	...	...	...	...	...	...	-	-	-	-	-	-	-

Table C-1. Value of Owner-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Oshkosh city	Total	Less than \$10,000	\$10,000 to \$19,999	\$20,000 to \$29,999	\$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 or more	Median (dollars)	Mean (dollars)
Specified owner-occupied housing units -----	9 806	125	627	1 697	2 660	2 001	1 188	1 015	311	156	26	39 200	43 000
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families -----	7 169	45	376	992	1 877	1 593	998	902	240	120	26	41 700	45 500
15 to 24 years -----	140	—	8	36	52	28	10	6	—	—	—	33 100	36 500
25 to 34 years -----	1 378	4	21	222	384	362	213	143	11	18	—	41 800	43 700
35 to 44 years -----	1 345	—	16	138	264	333	219	248	75	52	—	46 800	52 000
45 to 64 years -----	2 994	19	164	294	790	632	448	424	147	50	26	43 300	48 200
65 years and over -----	1 312	22	167	302	387	238	108	81	7	—	—	34 000	35 500
Male householder, no wife present -----	559	11	55	167	185	45	44	19	24	9	—	32 400	36 700
15 to 24 years -----	56	—	—	21	21	7	—	7	—	—	—	32 700	39 300
25 to 34 years -----	99	—	—	18	45	11	18	7	—	—	—	37 700	41 100
35 to 44 years -----	54	—	4	20	—	6	19	—	5	—	—	42 500	43 200
45 to 64 years -----	100	2	17	9	27	5	7	12	12	9	—	37 900	48 600
65 years and over -----	250	9	34	99	92	16	—	—	—	—	—	28 400	28 200
Female householder, no husband present -----	2 078	69	196	538	598	363	146	94	47	27	—	33 400	36 400
15 to 24 years -----	9	—	—	—	—	9	—	—	—	—	—	42 500	42 500
25 to 34 years -----	141	—	17	39	50	31	4	—	—	—	—	33 200	32 700
35 to 44 years -----	237	—	16	53	71	32	37	14	14	—	—	36 600	40 800
45 to 64 years -----	679	15	46	155	203	138	49	52	13	8	—	35 300	38 200
65 years and over -----	1 012	54	117	291	274	153	56	28	20	19	—	31 300	34 600
Median age -----	53.5	71.4	65.2	60.7	55.4	50.7	48.7	48.6	49.3	46.3	48.4	...	...
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980 -----	804	9	19	107	192	168	162	113	17	17	—	45 100	46 500
1975 to 1978 -----	1 961	2	79	298	467	434	270	260	75	70	6	43 200	48 200
1970 to 1974 -----	1 475	4	53	214	363	309	208	215	79	17	13	42 800	47 500
1960 to 1969 -----	2 161	16	108	339	574	407	350	269	86	5	7	41 000	44 100
1959 or earlier -----	3 405	94	368	739	1 064	683	198	158	54	47	—	34 400	36 700
ROOMS													
1 to 3 rooms -----	85	—	23	30	20	—	5	—	7	—	—	27 800	31 900
4 rooms -----	879	26	125	278	314	110	21	5	—	—	—	30 300	30 200
5 rooms -----	2 449	28	163	457	649	646	318	165	23	—	—	38 700	39 300
6 rooms -----	2 646	32	152	519	714	559	355	261	24	30	—	38 500	40 600
7 rooms -----	2 042	20	113	278	597	411	288	240	78	17	—	40 300	43 900
8 or more rooms -----	1 705	19	51	135	366	275	201	344	179	109	26	50 200	58 300
Median -----	6.1	5.8	5.5	5.7	6.0	5.9	6.2	6.8	7.7	8.3	8.5+	...	...
BEDROOMS													
None -----	—	—	—	—	—	—	—	—	—	—	—	—	—
1 -----	256	23	75	78	31	11	24	—	14	—	—	25 200	29 200
2 -----	2 357	54	221	640	783	411	162	68	18	—	—	33 000	34 100
3 -----	4 923	19	239	749	1 332	1 100	721	612	75	76	—	41 100	43 700
4 -----	1 995	29	69	181	456	433	236	304	198	63	26	45 300	53 400
5 or more -----	275	—	23	49	58	46	45	31	6	17	—	41 100	46 000
YEAR STRUCTURE BUILT													
1975 to March 1980 -----	639	—	—	—	29	124	155	214	48	63	6	60 800	68 400
1970 to 1974 -----	490	—	9	27	70	89	106	99	69	8	13	53 700	60 300
1960 to 1969 -----	1 301	—	—	44	173	300	342	326	95	21	—	52 900	55 400
1950 to 1959 -----	1 403	12	34	121	394	397	219	168	41	17	—	43 300	45 700
1940 to 1949 -----	843	—	57	160	280	221	75	29	7	7	7	37 000	40 400
1939 or earlier -----	5 130	113	527	1 345	1 714	870	291	179	51	40	—	33 000	34 800
HOUSEHOLD INCOME IN 1979													
Less than \$5,000 -----	606	58	81	216	181	42	10	7	11	—	—	28 200	28 500
\$5,000 to \$9,999 -----	1 261	21	200	376	413	149	67	35	—	—	—	30 700	31 500
\$10,000 to \$12,499 -----	783	15	71	179	233	157	78	35	15	—	—	34 900	36 200
\$12,500 to \$14,999 -----	732	12	48	167	258	146	40	31	21	9	—	34 000	37 700
\$15,000 to \$19,999 -----	1 583	11	72	327	445	342	259	104	23	—	—	38 600	40 100
\$20,000 to \$24,999 -----	1 524	4	73	185	408	490	204	106	41	13	—	41 600	43 000
\$25,000 to \$34,999 -----	1 959	4	52	178	517	454	346	321	55	32	—	44 800	47 700
\$35,000 to \$49,999 -----	1 029	—	25	64	142	198	164	287	84	65	—	54 000	58 300
\$50,000 or more -----	329	—	5	5	63	23	20	89	61	37	26	68 500	81 900
Median -----	\$19 813	\$6 023	\$11 144	\$13 660	\$17 329	\$21 796	\$23 832	\$28 504	\$31 576	\$37 444	\$75 000+	...	...
Mean -----	\$21 733	\$8 480	\$14 617	\$15 071	\$18 999	\$22 764	\$24 901	\$31 106	\$34 129	\$43 309	\$103 802	...	...
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
With a mortgage -----	4 912	16	183	611	1 172	1 138	791	637	226	112	26	44 000	48 300
Less than 15 percent -----	1 699	7	66	202	450	357	273	238	86	13	7	43 200	47 300
15 to 19 percent -----	1 115	—	37	130	290	237	108	81	34	19	—	43 700	51 200
20 to 24 percent -----	931	—	44	147	156	278	131	146	10	19	—	43 800	46 100
25 to 29 percent -----	555	—	5	51	134	146	100	97	5	17	—	46 200	49 000
30 to 34 percent -----	211	—	4	9	70	54	38	10	12	14	—	46 600	50 800
35 percent or more -----	382	9	27	59	72	66	70	38	26	15	—	43 200	47 000
Not computed -----	19	—	—	13	—	—	—	—	6	—	—	28 500	44 700
Median -----	18.4	35.6	18.4	18.7	17.3	19.5	18.4	18.7	16.5	22.4	16.6	...	...
Not mortgaged -----	4 894	109	444	1 086	1 488	863	397	378	85	44	—	34 900	37 800
Less than 10 percent -----	1 954	20	125	294	572	454	185	244	30	30	—	39 300	42 300
10 to 14 percent -----	1 164	16	98	270	358	212	111	51	34	14	—	35 500	38 100
15 to 19 percent -----	635	15	68	211	184	61	35	46	15	—	—	31 100	34 400
20 to 24 percent -----	412	—	42	134	116	45	43	26	6	—	—	32 000	35 500
25 to 29 percent -----	207	16	24	48	80	29	10	—	—	—	—	32 000	30 500
30 to 34 percent -----	186	15	45	20	57	32	13	4	—	—	—	31 500	29 900
35 percent or more -----	326	24	42	109	114	30	—	7	—	—	—	29 200	29 100
Not computed -----	10	3	—	—	7	—	—	—	—	—	—	31 400	25 000
Median -----	12.1	25.6	14.9	14.6	12.4	10—	10.6	10—	11.8	10—	—	...	...
SELECTED CHARACTERISTICS													
Complete plumbing for exclusive use -----	9 756	96	619	1 690	2 654	2 001	1 188	1 015	311	156	26	39 300	43 200
1.01 or more persons per room -----	108	—	6	29	39	27	7	—	—	—	—	33 000	33 900
Lacking complete plumbing for exclusive use -----	50	29	8	7	6	—	—	—	—	—	—	10 000—	13 600
1.01 or more persons per room -----	—	—	—	—	—	—	—	—	—	—	—	—	—
Heating equipment -----	9 806	125	627	1 697	2 660	2 001	1 188	1 015	311	156	26	39 200	43 000
Central heating system -----	9 419	75	477	1 615	2 613	1 964	1 176	1 015	311	156	26	39 700	43 800
Air conditioning -----	4 390	26	177	640	1 162	941	589	527	206	96	26	41 800	46 900
Central system -----	1 104	—	21	63	195	163	190	271	107	68	26</		

Table C-2. Gross Rent of Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Oshkosh city

	Total	Less than \$100	\$100 to \$149	\$150 to \$199	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 or more	No cash rent	Median (dollars)
Specified renter-occupied housing units	7 095	508	739	1 497	2 044	1 335	497	148	79	38	210	216
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER												
Married-couple families	2 064	26	73	376	596	555	223	82	38	5	90	243
15 to 24 years.....	462	6	20	125	152	114	29	16	—	—	—	225
25 to 34 years.....	788	3	—	154	287	204	88	25	16	—	11	241
35 to 44 years.....	248	—	10	13	37	107	51	8	12	—	—	274
45 to 64 years.....	263	6	15	27	65	53	21	33	5	5	10	252
65 years and over.....	303	11	28	57	55	77	34	—	5	—	36	237
Male householder, no wife present	1 888	113	238	499	515	308	98	23	20	24	50	206
15 to 24 years.....	700	31	58	181	218	130	41	6	20	15	—	217
25 to 34 years.....	639	10	50	214	165	131	37	13	—	9	10	212
35 to 44 years.....	195	—	34	45	79	25	8	4	—	—	—	210
45 to 64 years.....	151	12	39	47	26	22	5	—	—	—	—	172
65 years and over.....	203	60	57	12	27	—	—	—	—	—	40	124
Female householder, no husband present	3 143	369	428	622	933	472	176	43	21	9	70	206
15 to 24 years.....	889	5	128	192	291	181	56	8	15	9	4	221
25 to 34 years.....	743	24	89	192	250	122	48	12	6	—	—	211
35 to 44 years.....	188	—	8	40	69	46	17	8	—	—	—	229
45 to 64 years.....	504	60	45	90	162	83	25	15	—	—	24	211
65 years and over.....	819	280	158	108	161	40	30	—	—	—	42	132
Median age	30.3	72.4	39.7	28.4	28.5	28.9	31.5	34.0	30.4	24.0	68.8	...
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980.....	3 401	162	276	763	1 008	739	275	68	57	27	26	225
1975 to 1978.....	2 411	138	267	555	705	470	165	66	12	6	27	213
1970 to 1974.....	640	154	74	88	167	78	49	6	10	5	9	200
1960 to 1969.....	335	21	78	65	119	31	—	8	—	—	13	195
1959 or earlier.....	308	33	44	26	45	17	8	—	—	—	135	179
ROOMS												
1 room.....	120	61	9	28	—	—	7	—	—	9	6	98
2 rooms.....	363	57	164	53	62	15	—	8	—	—	4	135
3 rooms.....	1 451	301	300	447	296	88	15	—	—	—	4	161
4 rooms.....	1 934	34	146	478	780	400	48	4	5	—	39	216
5 rooms.....	1 925	42	108	366	631	455	187	28	25	—	83	230
6 rooms.....	708	6	10	78	217	213	89	42	21	—	32	256
7 or more rooms.....	594	7	2	47	58	164	151	66	28	29	42	299
Median	4.3	3.0	3.2	4.0	4.4	4.9	5.5	6.3	6.0	7.2	5.1	...
PLUMBING FACILITIES BY PERSONS PER ROOM AND POVERTY STATUS IN 1979												
All income levels in 1979												
Complete plumbing for exclusive use	7 095	508	739	1 497	2 044	1 335	497	148	79	38	210	216
0.50 or less.....	6 872	464	631	1 469	2 027	1 324	491	148	79	38	201	218
0.51 to 1.00.....	4 969	395	544	1 167	1 499	816	271	66	32	5	174	209
1.01 to 1.50.....	1 827	69	87	290	515	470	220	74	42	33	27	243
1.51 or more.....	63	—	—	7	13	30	—	8	5	—	—	274
Lacking complete plumbing for exclusive use	223	44	108	28	17	11	6	—	—	—	—	280
0.50 or less.....	133	17	73	17	11	5	6	—	—	—	9	133
0.51 to 1.00.....	77	20	35	11	—	6	—	—	—	—	4	142
1.01 to 1.50.....	6	—	—	—	6	—	—	—	—	—	5	122
1.51 or more.....	7	—	—	—	—	—	—	—	—	—	—	213
Income in 1979 below poverty level	1 354	173	171	233	341	201	147	26	24	24	14	212
Complete plumbing for exclusive use	1 289	158	131	228	341	196	147	26	24	24	14	215
1.01 or more persons per room.....	22	—	—	7	5	5	—	—	5	—	—	245
Lacking complete plumbing for exclusive use	65	15	40	5	—	5	—	—	—	—	—	122
1.01 or more persons per room.....	7	—	—	—	—	—	—	—	—	—	—	75
BEDROOMS												
None.....	198	61	63	52	—	—	7	—	—	9	6	125
1.....	2 386	389	514	724	581	122	27	8	—	—	21	168
2.....	2 928	34	121	576	1 152	759	153	37	10	—	86	229
3.....	1 202	9	41	113	269	363	244	52	45	—	66	268
4.....	295	8	—	24	34	76	57	29	18	25	24	297
5 or more.....	86	7	—	8	8	15	9	22	6	4	7	308
UNITS IN STRUCTURE												
1, detached or attached.....	1 680	13	74	233	392	390	247	90	52	35	154	256
2.....	2 520	57	270	776	760	423	137	35	27	—	35	208
3 and 4.....	799	23	82	221	260	160	39	10	—	—	4	211
5 to 9.....	621	44	95	104	199	144	29	6	—	—	—	215
10 to 49.....	879	56	55	102	415	185	45	7	—	3	11	224
50 or more.....	575	315	163	40	18	33	—	—	—	—	6	93
Mobile home or trailer, etc.....	21	—	—	21	—	—	—	—	—	—	—	183
YEAR STRUCTURE BUILT												
1975 to March 1980.....	653	170	89	46	122	149	45	20	6	—	6	208
1970 to 1974.....	874	175	103	33	290	145	102	4	5	6	11	222
1960 to 1969.....	955	13	13	129	420	278	58	18	10	—	16	236
1950 to 1959.....	552	—	39	132	183	95	54	13	11	—	25	221
1940 to 1949.....	864	—	95	225	243	196	49	15	20	—	21	220
1939 or earlier.....	3 197	150	400	932	786	472	189	78	27	32	131	203
STORIES IN STRUCTURE												
1 to 3.....	6 760	269	708	1 457	2 025	1 335	497	148	79	38	204	219
4 or more.....	335	239	31	40	19	—	—	—	—	—	6	79
With elevator.....	275	233	22	7	7	—	—	—	—	—	6	75
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979												
Less than 15 percent.....	1 318	101	173	281	422	233	70	33	5	—	...	214
15 to 19 percent.....	1 186	44	105	302	383	264	58	13	17	—	...	217
20 to 24 percent.....	1 067	173	121	217	227	213	90	26	—	—	...	205
25 to 29 percent.....	837	85	86	202	209	157	70	28	—	—	...	208
30 to 34 percent.....	554	23	30	139	232	94	36	—	—	—	...	218
35 to 49 percent.....	904	34	90	202	238	203	54	24	27	32	...	228
50 percent or more.....	927	30	121	143	318	164	91	24	30	6	...	220
Not computed.....	302	18	13	11	15	7	28	—	—	—	210	211
Median	24.2	22.9	23.5	23.7	24.6	23.9	26.2	25.4	43.7	43.5	...	...
ELECTED CHARACTERISTICS												
Heating equipment	7 081	501	739	1 497	2 037	1 335	497	148	79	38	210	216
Central heating system.....	6 378	471	636	1 242	1 862	1 236	484	140	79	38	190	218
Air conditioning.....	2 222	116	150	308	818	448	186	60	30	11	95	227
Central system.....	354	6	21	17	114	79	76	13	16	—	12	257

Table C—3. Income and Poverty Status in 1979 of Owner-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

Oshkosh city	Household income in 1979											Income in 1979 below poverty level	
	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)		Mean (dollars)
Owner-occupied housing units	11 098	709	1 588	914	812	1 799	1 704	2 079	1 125	368	19 264	21 280	383
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families	7 877	63	600	566	532	1 375	1 515	1 864	1 019	343	22 765	24 754	71
15 to 24 years	162	—	9	5	22	55	55	16	—	—	19 138	19 050	—
25 to 34 years	1 517	5	34	59	95	393	492	345	69	25	21 529	22 681	19
35 to 44 years	1 423	7	18	25	39	207	315	514	218	80	26 078	28 033	20
45 to 64 years	3 267	27	84	152	220	456	551	885	667	225	26 309	28 941	27
65 years and over	1 508	24	455	325	156	264	102	104	65	13	12 115	15 289	5
Male householder, no wife present	755	101	174	59	75	156	31	68	72	19	13 950	17 519	58
15 to 24 years	93	—	18	8	27	12	7	6	15	—	14 398	19 347	—
25 to 34 years	161	9	—	21	22	67	14	19	9	—	16 549	18 153	9
35 to 44 years	64	6	—	—	10	18	—	—	17	8	19 583	31 579	6
45 to 64 years	140	2	13	—	16	41	5	33	25	5	19 783	26 338	9
65 years and over	297	84	143	30	—	18	—	10	6	6	7 150	9 417	34
Female householder, no husband present	2 466	545	814	289	205	268	158	147	34	6	9 184	11 334	254
15 to 24 years	16	—	9	7	—	—	—	—	—	—	7 222	8 934	—
25 to 34 years	152	15	63	21	12	25	9	7	—	—	9 839	11 249	33
35 to 44 years	271	15	57	47	58	43	30	21	—	—	13 211	14 035	27
45 to 64 years	751	90	222	79	67	147	72	54	20	—	12 009	13 352	72
65 years and over	1 276	425	463	135	68	53	47	65	14	6	7 210	9 612	122
Median age	54.0	73.5	69.1	66.4	54.2	48.8	41.8	47.6	49.2	50.1	...	...	61.7
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980	944	15	51	54	128	217	181	204	89	5	20 177	21 446	6
1975 to 1978	2 185	71	157	118	135	411	513	484	193	103	21 723	24 071	69
1970 to 1974	1 650	47	127	90	103	322	313	373	203	72	22 582	24 096	41
1960 to 1969	2 319	127	264	156	173	375	305	562	277	80	21 250	22 892	59
1959 or earlier	4 000	449	989	496	273	474	392	456	363	108	13 104	17 620	208
SELECTED CHARACTERISTICS													
Complete plumbing for exclusive use	11 021	666	1 577	909	807	1 791	1 699	2 079	1 125	368	19 354	21 373	376
1.01 or more persons per room	120	—	6	—	—	13	6	49	33	13	29 479	34 351	6
Lacking complete plumbing for exclusive use	77	43	11	5	5	8	5	—	—	—	4 738	7 981	7
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—	—	—	—
Heating equipment	11 098	709	1 588	914	812	1 799	1 704	2 079	1 125	368	19 264	21 280	383
Central heating system	10 631	594	1 446	887	769	1 707	1 690	2 045	1 125	368	19 751	21 717	337
Air conditioning	5 002	231	597	447	350	765	828	959	605	220	20 695	23 052	121
Central system	1 230	35	67	89	48	189	165	264	252	121	25 487	29 986	21
Vehicles available	10 233	367	1 227	831	785	1 795	1 678	2 070	1 125	355	20 340	22 391	268
1	4 591	321	1 037	620	499	1 014	536	439	92	33	14 091	15 440	227
2 or more	5 642	46	190	211	286	781	1 142	1 631	1 033	322	25 667	28 048	41
House heating fuel	11 098	709	1 588	914	812	1 799	1 704	2 079	1 125	368	19 264	21 280	383
Utility gas	10 166	692	1 436	851	725	1 673	1 523	1 864	1 061	341	19 157	21 271	367
Bottled, tank, or LP gas	18	—	5	—	—	—	—	—	—	—	26 667	23 289	—
Electricity	267	—	5	24	11	48	65	67	27	20	22 562	26 086	—
Fuel oil, kerosene, etc.	627	17	142	39	70	78	107	130	37	7	17 275	19 271	16
Other	20	—	—	—	6	—	9	5	—	—	23 611	22 901	—
Median rooms	6.0	5.2	5.3	5.8	5.8	5.8	6.1	6.4	6.7	7.7	...	...	5.3
Specified owner-occupied housing units	9 806	606	1 261	783	732	1 583	1 524	1 959	1 029	329	19 813	21 733	338
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS													
With a mortgage	4 912	91	189	230	356	883	1 058	1 253	631	221	23 325	25 595	130
Less than \$200	377	41	45	36	32	52	92	74	5	—	17 569	17 330	38
\$200 to \$249	681	18	47	42	51	153	151	169	44	6	20 878	21 399	25
\$250 to \$299	962	14	48	50	79	192	221	194	142	22	22 130	24 065	29
\$300 to \$349	836	—	14	34	92	223	177	206	84	6	21 750	23 615	9
\$350 to \$399	703	—	13	16	47	157	167	178	87	38	22 489	26 442	4
\$400 to \$499	729	18	22	33	21	82	187	239	95	32	24 933	26 385	25
\$500 to \$599	323	—	—	12	28	23	50	130	68	12	26 673	28 453	—
\$600 to \$749	184	—	—	—	6	1	13	57	69	38	36 492	39 631	—
\$750 or more	117	—	—	7	—	—	—	6	37	67	36 495	63 403	—
Median	\$326	\$213	\$253	\$287	\$309	\$310	\$318	\$346	\$373	\$554	...	...	\$253
Not mortgaged	4 894	515	1 072	553	376	700	466	706	398	108	14 541	17 857	208
Less than \$50	—	—	—	—	—	—	—	—	—	—	—	—	—
\$50 to \$74	77	43	25	4	—	5	—	—	—	—	4 696	6 489	13
\$75 to \$99	512	142	201	39	14	31	39	24	22	—	8 109	11 063	64
\$100 to \$124	1 255	149	297	212	155	167	95	134	31	15	12 140	14 350	66
\$125 to \$149	1 427	143	333	131	107	233	139	190	124	27	14 988	17 615	46
\$150 to \$199	1 259	38	179	136	100	201	153	247	159	46	19 394	22 147	19
\$200 to \$249	295	—	30	26	—	56	27	86	50	20	25 759	28 875	—
\$250 or more	69	—	7	5	—	7	13	25	12	—	26 250	24 357	—
Median	\$136	\$112	\$126	\$129	\$129	\$141	\$143	\$151	\$157	\$163	...	...	\$110
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
With a mortgage	4 912	91	189	230	356	883	1 058	1 253	631	221	23 325	25 595	130
Less than 15 percent	1 699	—	—	—	14	88	348	640	447	162	30 536	34 439	—
15 to 19 percent	1 115	—	—	19	45	260	314	323	105	49	23 780	26 500	—
20 to 24 percent	931	—	25	44	75	253	273	214	37	10	21 013	21 845	6
25 to 29 percent	555	—	31	47	108	201	92	56	20	—	16 787	17 976	9
30 to 34 percent	211	—	11	39	58	45	23	20	15	—	14 892	17 605	—
35 percent or more	382	72	122	81	56	36	8	—	7	—	9 817	9 700	96
Not computed	19	—	—	—	—	—	—	—	—	—	2500—	—3 676	19
Median	18.4	50+	43.4	30.6	27.0	21.8	17.9	14.9	12.1	11.4	...	...	50+
Not mortgaged	4 894	515	1 072	553	376	700	466	706	398	108	14 541	17 857	208
Less than 10 percent	1 954	—	10	66	322	381	659	398	108	108	26 888	29 436	—
10 to 14 percent	1 164	—	167	276	262	340	72	47	—	—	13 826	14 511	—
15 to 19 percent	635	14	329	206	48	31	7	—	—	—	9 750	10 068	—
20 to 24 percent	412	37	320	49	—	6	—	—	—	—	6 974	7 603	7
25 to 29 percent	207	86	109	12	—	—	—	—	—	—	5 561	5 834	14
30 to 34 percent	186	82	97	—	—	7	—	—	—	—	5 367	5 654	20
35 percent or more	326	286	40	—	—	—	—	—	—	—	3 615	3 674	157
Not computed	10	—	—	—	—	—	—	—	—	—	2500—	—	10
Median	12.1	36.3	20.5										

Table C-4. Income and Poverty Status in 1979 of Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Oshkosh city	Household income in 1979											Income in 1979 below poverty level	
	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)		Mean (dollars)
Renter-occupied housing units	7 188	1 391	2 121	841	644	1 031	635	352	128	45	10 244	12 927	1 354
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families	2 095	96	406	238	269	496	322	179	71	18	15 376	16 652	122
15 to 24 years	462	25	76	72	80	123	82	4	—	—	14 312	14 321	39
25 to 34 years	801	16	111	101	96	234	159	77	7	—	16 406	16 781	32
35 to 44 years	252	20	24	16	39	63	21	37	32	—	17 750	19 583	33
45 to 64 years	277	11	34	24	35	49	48	51	19	6	18 750	19 911	11
65 years and over	303	24	161	25	19	27	12	10	13	12	9 059	14 449	7
Male householder, no wife present	1 926	326	522	245	192	301	170	104	46	20	11 173	15 516	405
15 to 24 years	705	119	235	85	75	109	40	33	—	9	9 961	12 322	230
25 to 34 years	639	53	131	98	95	142	50	42	23	5	13 487	21 635	69
35 to 44 years	203	29	42	37	10	19	32	13	15	6	12 061	16 507	57
45 to 64 years	165	28	29	19	6	24	35	16	8	—	17 552	15 709	12
65 years and over	214	97	85	6	6	7	13	—	—	—	5 439	6 683	37
Female householder, no husband present	3 167	969	1 193	358	183	234	143	69	11	7	7 478	8 889	827
15 to 24 years	889	274	340	106	62	50	40	17	—	—	7 849	8 537	374
25 to 34 years	743	129	338	90	67	67	31	21	—	—	8 723	9 825	176
35 to 44 years	197	4	89	50	21	9	12	12	—	—	10 275	11 882	25
45 to 64 years	511	117	184	44	29	78	45	7	—	7	8 560	10 466	80
65 years and over	827	445	242	68	4	30	15	12	11	—	4 781	6 739	172
Median age	30.5	50.9	31.1	28.8	27.5	29.1	29.5	33.5	41.9	46.8	...	...	25.9
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980	3 437	665	1 011	487	329	426	318	148	32	21	10 218	13 102	823
1975 to 1978	2 428	382	716	245	254	446	190	136	47	12	11 184	12 914	411
1970 to 1974	662	209	161	53	39	117	36	34	13	—	8 866	11 218	45
1960 to 1969	342	56	113	33	11	12	67	19	31	—	10 152	14 734	30
1959 or earlier	319	79	120	23	11	30	24	15	5	12	7 703	12 766	45
PLUMBING FACILITIES BY PERSONS PER ROOM													
Complete plumbing for exclusive use	6 965	1 310	2 042	820	644	989	635	352	128	45	10 398	13 080	1 289
0.50 or less	5 045	1 103	1 544	623	425	614	422	231	52	31	9 588	11 559	795
0.51 to 1.00	1 844	207	481	192	214	361	192	115	68	14	12 991	16 981	472
1.01 to 1.50	63	—	17	—	5	14	21	6	—	—	19 196	17 451	22
1.51 or more	13	—	—	—	—	—	—	—	8	—	40 290	29 166	—
Lacking complete plumbing for exclusive use	223	81	79	21	—	42	—	—	—	—	6 773	8 148	65
0.50 or less	133	61	51	9	—	12	—	—	—	—	5 417	6 447	45
0.51 to 1.00	77	20	22	5	—	30	—	—	—	—	9 271	10 822	13
1.01 to 1.50	6	—	6	—	—	—	—	—	—	—	8 750	9 185	—
1.51 or more	7	—	—	7	—	—	—	—	—	—	11 250	10 165	7
SELECTED CHARACTERISTICS													
Heating equipment	7 174	1 391	2 114	834	644	1 031	635	352	128	45	10 246	12 934	1 347
Central heating system	6 443	1 246	1 808	765	563	976	595	325	120	45	10 547	13 227	1 215
Air conditioning	2 250	331	577	284	177	415	228	155	59	24	11 910	15 943	243
Central system	362	27	49	30	16	85	73	48	22	12	18 617	30 890	25
Vehicles available	5 841	737	1 679	732	607	975	601	346	128	36	11 723	14 274	918
1	3 788	624	1 386	568	356	482	236	90	40	6	9 611	10 987	591
2 or more	2 053	113	293	164	251	493	365	256	88	30	17 325	20 339	327
House heating fuel	7 174	1 391	2 114	834	644	1 031	635	352	128	45	10 246	12 934	1 347
Utility gas	6 131	1 126	1 837	747	559	851	547	326	106	32	10 343	13 082	1 112
Bottled, tank, or LP gas	79	25	14	12	—	7	—	15	—	6	10 104	17 318	25
Electricity	551	130	163	48	58	83	51	4	14	—	9 432	11 278	109
Fuel oil, kerosene, etc.	397	101	93	27	27	90	37	7	8	7	10 417	12 368	101
Other	16	9	7	—	—	—	—	—	—	—	4 722	5 576	—
Median rooms	4.3	3.4	4.1	4.4	5.0	4.6	5.0	5.2	6.3	4.9	...	...	4.3
Specified renter-occupied housing units	7 095	1 384	2 099	815	644	1 019	628	333	128	45	10 198	12 905	1 354
MONTHLY GROSS RENT													
Less than \$100	857	459	220	73	35	41	21	8	—	—	4 780	6 657	281
\$100 to \$149	1 587	285	640	199	120	148	127	45	23	—	8 995	10 752	253
\$150 to \$199	2 467	375	798	269	259	441	200	85	28	12	10 562	13 894	453
\$200 to \$249	1 460	184	268	198	142	275	215	107	51	20	13 908	15 755	205
\$250 to \$299	391	40	76	54	42	56	39	59	19	6	14 018	17 099	69
\$300 to \$349	64	4	16	6	26	5	—	5	2	—	13 077	12 882	49
\$350 to \$399	20	—	—	6	—	14	—	—	—	—	16 429	15 421	—
\$400 to \$499	27	—	6	6	5	6	4	—	—	—	13 250	13 081	21
\$500 or more	12	—	—	—	9	3	—	—	—	—	14 167	15 733	9
No cash rent	210	37	75	4	6	30	22	24	5	7	9 628	15 032	14
Median	\$168	\$134	\$156	\$170	\$182	\$183	\$190	\$209	\$219	\$234	...	...	\$163
MONTHLY GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
Less than 15 percent	1 318	8	44	73	50	274	447	268	121	33	22 244	24 113	29
15 to 19 percent	1 186	25	122	157	241	470	128	41	2	—	15 490	15 459	74
20 to 24 percent	1 067	158	269	235	197	181	27	—	—	—	11 133	10 993	55
25 to 29 percent	837	97	386	205	111	38	—	—	—	—	9 387	9 400	70
30 to 34 percent	554	30	419	90	15	—	—	—	—	—	8 333	8 210	70
35 to 49 percent	904	172	642	36	24	26	4	—	—	—	6 595	7 037	226
50 percent or more	927	770	142	15	—	—	—	—	—	—	3 439	3 466	729
Not computed	302	124	75	4	6	30	22	24	5	12	7 411	25 590	101
Median	24.2	50+	32.3	23.7	20.7	17.3	13.1	11.7	10-	10-	...	...	50+

Table C-5. Selected Monthly Owner Costs for Mortgaged Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

Oshkosh city	Total	Less than \$200	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 to \$599	\$600 to \$749	\$750 or more	Median (dollars)
Specified owner-occupied housing units -----	4 912	377	681	962	836	703	729	323	184	117	326
PERSONS IN UNIT											
1 person -----	292	81	73	32	21	32	35	18	-	-	245
2 persons -----	1 066	126	114	254	126	168	157	75	26	20	315
3 persons -----	1 058	58	167	234	185	153	158	57	19	27	319
4 persons -----	1 434	78	197	205	344	216	183	86	75	50	334
5 persons -----	626	16	70	146	72	89	128	43	42	20	355
6 persons -----	283	4	53	47	49	30	40	44	16	-	338
7 persons -----	110	6	-	35	28	7	28	-	6	-	325
8 or more persons -----	43	8	7	9	11	8	-	-	-	-	286
Median -----	3.53	2.35	3.42	3.33	3.75	3.49	3.58	3.63	4.13	3.73	...
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER											
Married-couple families -----	4 096	269	527	773	729	598	633	278	179	110	333
15 to 24 years -----	140	-	4	41	35	32	18	10	-	-	336
25 to 34 years -----	1 335	62	154	221	241	254	266	86	51	-	348
35 to 44 years -----	1 194	46	174	216	203	187	162	77	78	51	340
45 to 64 years -----	1 381	155	184	278	250	125	176	105	49	59	315
65 years and over -----	46	6	11	17	-	-	11	-	1	-	268
Male householder, no wife present -----	247	26	50	39	38	54	13	27	1	-	311
15 to 24 years -----	41	13	6	-	22	-	-	-	-	-	303
25 to 34 years -----	87	-	21	6	-	30	13	17	-	-	377
35 to 44 years -----	54	6	16	14	-	13	-	5	-	-	268
45 to 64 years -----	59	7	7	13	16	11	-	5	-	-	308
65 years and over -----	6	-	-	6	-	-	-	-	-	-	275
Female householder, no husband present -----	569	82	104	150	69	51	83	18	5	7	283
15 to 24 years -----	9	-	-	-	-	9	-	-	-	-	375
25 to 34 years -----	121	16	12	35	22	5	27	4	-	-	296
35 to 44 years -----	213	19	37	60	26	19	38	7	-	7	292
45 to 64 years -----	188	32	55	38	21	18	12	7	5	-	259
65 years and over -----	38	15	-	17	-	-	6	-	-	-	262
Median age -----	39.5	48.6	41.2	41.4	38.4	35.8	36.9	38.7	40.4	45.1	...
YEAR HOUSEHOLDER MOVED INTO UNIT											
1979 to March 1980 -----	707	24	16	52	103	117	205	130	45	15	422
1975 to 1978 -----	1 691	81	143	268	271	367	289	120	106	46	361
1970 to 1974 -----	1 164	77	189	275	266	151	102	45	17	42	308
1960 to 1969 -----	1 027	126	237	270	168	54	128	26	11	7	278
1959 or earlier -----	323	69	96	97	28	14	5	2	5	7	248
ROOMS											
1 to 3 rooms -----	25	6	7	-	7	5	-	-	-	-	246
4 rooms -----	238	89	42	32	22	14	22	12	5	-	236
5 rooms -----	1 128	132	202	249	176	173	130	43	23	-	296
6 rooms -----	1 285	71	188	259	335	178	162	64	28	-	319
7 rooms -----	1 108	75	113	286	172	123	209	77	42	11	323
8 or more rooms -----	1 128	4	129	136	124	210	206	127	86	106	391
Median -----	6.3	5.2	6.0	6.3	6.1	6.4	6.7	7.1	7.4	8.5+	...
YEAR STRUCTURE BUILT											
1975 to March 1980 -----	581	6	-	12	80	138	132	80	97	36	455
1970 to 1974 -----	424	14	26	64	89	87	48	44	22	30	361
1960 to 1969 -----	804	38	87	155	129	83	163	101	28	20	347
1950 to 1959 -----	578	95	67	79	146	64	88	27	12	-	316
1940 to 1949 -----	415	37	94	96	80	16	45	27	6	14	290
1939 or earlier -----	2 110	187	407	556	312	315	253	44	19	17	291
VALUE											
Less than \$10,000 -----	16	16	-	-	-	-	-	-	-	-	144
\$10,000 to \$19,999 -----	183	81	40	36	20	6	-	-	-	-	213
\$20,000 to \$29,999 -----	611	78	184	199	79	46	25	-	-	-	261
\$30,000 to \$39,999 -----	1 172	132	214	350	233	136	100	7	-	-	284
\$40,000 to \$49,999 -----	1 138	49	145	187	226	230	227	55	19	-	342
\$50,000 to \$59,999 -----	791	16	55	130	192	138	149	82	29	-	351
\$60,000 to \$79,999 -----	637	5	23	48	77	123	152	128	74	7	439
\$80,000 to \$99,999 -----	226	-	20	12	-	24	67	42	32	29	476
\$100,000 to \$149,999 -----	112	-	-	-	9	-	9	30	30	55	745
\$150,000 or more -----	26	-	-	-	-	-	-	-	-	26	750+
Median -----	\$44 000	\$30 900	\$35 400	\$36 700	\$43 300	\$47 100	\$50 800	\$62 700	\$73 800	\$117 600	...
SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979											
Less than 15 percent -----	1 699	224	414	468	256	162	101	28	28	18	273
15 to 19 percent -----	1 115	50	136	236	208	189	158	62	37	39	333
20 to 24 percent -----	931	42	51	118	159	173	234	83	61	10	378
25 to 29 percent -----	555	20	26	60	153	97	91	64	29	15	360
30 to 34 percent -----	211	-	6	23	33	45	46	23	14	21	398
35 percent or more -----	382	28	48	57	27	37	93	63	15	14	392
Not computed -----	19	13	-	-	-	-	6	-	-	-	175
Median -----	18.4	13.2	13.6	15.3	18.9	20.0	22.2	24.3	22.2	20.7	...
SELECTED CHARACTERISTICS											
Heating equipment -----	4 912	377	681	962	836	703	729	323	184	117	326
Steam or hot water system -----	780	31	59	132	113	153	160	62	28	42	368
Central warm-air furnace or electric heat pump -----	3 827	271	604	790	653	513	529	242	156	69	319
Other built-in electric units -----	124	6	-	-	34	37	22	19	-	6	380
Floor, wall, or pipeless furnace -----	61	25	12	17	-	-	7	-	-	-	223
Other means -----	120	44	6	23	36	-	11	-	-	-	272
Air conditioning -----	2 102	145	292	380	359	274	349	124	97	82	333
Central system -----	574	28	21	63	68	90	122	50	57	75	416
1 or more individual room units -----	1 528	117	271	317	291	184	227	74	40	7	310
House heating fuel -----	4 912	377	681	962	836	703	729	323	184	117	326
Utility gas -----	4 444	360	664	877	775	600	660	253	166	89	321
Bottled, tank, or LP gas -----	6	-	-	-	-	-	-	6	-	-	550
Electricity -----	227	6	-	8	34	66	35	38	12	28	400
Fuel oil, kerosene, etc. -----	230	11	17	72	27	37	34	26	6	-	328
Other -----	5	-	-	5	-	-	-	-	-	-	275

Table C-6. Selected Monthly Owner Costs for Not Mortgaged Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Oshkosh city	Total	Less than \$50	\$50 to \$74	\$75 to \$99	\$100 to \$124	\$125 to \$149	\$150 to \$199	\$200 to \$249	\$250 or more	Median (dollars)
Specified owner-occupied housing units -----	4 894	-	77	512	1 255	1 427	1 259	295	69	136
PERSONS IN UNIT										
1 person -----	1 302	-	66	269	433	341	145	48	-	118
2 persons -----	2 301	-	11	179	648	708	545	153	57	136
3 persons -----	636	-	-	41	98	180	279	32	6	150
4 persons -----	451	-	-	12	52	138	213	30	6	156
5 persons -----	115	-	-	-	16	44	39	16	-	149
6 persons -----	39	-	-	-	-	8	27	4	-	171
7 persons -----	35	-	-	11	-	8	11	5	-	145
3 or more persons -----	15	-	-	-	8	-	-	7	-	123
Median -----	2.00	-	1.08	1.45	1.80	2.03	2.39	2.15	2.11	...
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER										
Married-couple families -----	3 073	-	11	193	676	1 002	934	224	33	141
15 to 24 years -----	-	-	-	-	-	-	-	-	-	-
25 to 34 years -----	43	-	-	5	7	17	7	7	-	139
35 to 44 years -----	151	-	-	7	25	65	48	6	-	142
45 to 64 years -----	1 613	-	-	70	290	556	552	132	13	145
65 years and over -----	1 266	-	11	111	354	364	327	79	20	136
Male householder, no wife present -----	312	-	29	41	118	65	41	13	5	118
15 to 24 years -----	15	-	-	-	8	8	-	7	-	148
25 to 34 years -----	12	-	-	7	-	-	5	-	-	96
35 to 44 years -----	-	-	-	-	-	-	-	-	-	-
45 to 64 years -----	41	-	5	6	7	-	12	6	5	160
65 years and over -----	244	-	24	28	111	57	24	-	-	116
Female householder, no husband present -----	1 509	-	37	278	461	360	284	58	31	124
15 to 24 years -----	-	-	-	-	-	-	-	-	-	-
25 to 34 years -----	20	-	-	13	7	-	-	-	-	94
35 to 44 years -----	24	-	-	-	7	7	10	-	-	143
45 to 64 years -----	491	-	6	35	189	113	110	38	-	128
65 years and over -----	974	-	31	230	258	240	164	20	31	122
Median age -----	65.2	-	76.8	70.3	67.8	64.1	62.5	61.1	71.4	...
YEAR HOUSEHOLDER MOVED INTO UNIT										
1979 to March 1980 -----	97	-	-	6	41	27	16	-	7	126
1975 to 1978 -----	270	-	4	47	52	53	94	20	-	140
1970 to 1974 -----	311	-	6	31	44	91	103	30	6	145
1960 to 1969 -----	1 134	-	21	67	200	398	345	84	19	143
1959 or earlier -----	3 082	-	46	361	918	858	701	161	37	131
ROOMS										
1 to 3 rooms -----	60	-	13	17	6	10	14	-	-	100
4 rooms -----	641	-	21	134	229	175	62	13	7	118
5 rooms -----	1 321	-	38	143	405	350	305	67	13	130
6 rooms -----	1 361	-	5	145	343	430	361	70	7	136
7 rooms -----	934	-	-	55	209	293	276	85	16	142
8 or more rooms -----	577	-	-	18	63	169	241	60	26	158
Median -----	5.8	-	4.6	5.2	5.5	5.9	6.2	6.5	7.0	...
YEAR STRUCTURE BUILT										
1975 to March 1980 -----	58	-	-	-	-	22	14	15	7	175
1970 to 1974 -----	66	-	-	-	12	10	34	10	-	166
1960 to 1969 -----	497	-	6	-	52	152	195	74	18	160
1950 to 1959 -----	825	-	-	84	190	220	242	89	-	141
1940 to 1949 -----	428	-	12	53	148	122	77	5	11	125
1939 or earlier -----	3 020	-	59	375	853	901	697	102	33	131
VALUE										
Less than \$10,000 -----	109	-	2	34	27	8	38	-	-	117
\$10,000 to \$19,999 -----	444	-	25	100	122	86	100	4	7	120
\$20,000 to \$29,999 -----	1 086	-	44	225	368	300	138	11	-	119
\$30,000 to \$39,999 -----	1 488	-	6	118	451	593	248	58	14	132
\$40,000 to \$49,999 -----	863	-	-	22	238	272	283	37	11	141
\$50,000 to \$59,999 -----	397	-	-	7	42	101	195	36	16	162
\$60,000 to \$79,999 -----	378	-	-	6	7	54	206	99	6	180
\$80,000 to \$99,999 -----	85	-	-	-	-	13	41	25	6	186
\$100,000 to \$149,999 -----	44	-	-	-	-	-	10	25	9	224
\$150,000 or more -----	-	-	-	-	-	-	-	-	-	-
Median -----	\$34 900	-	\$23 200	\$25 500	\$32 000	\$35 700	\$43 300	\$60 200	\$52 500	...
SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979										
Less than 10 percent -----	1 954	-	19	136	494	599	560	134	12	139
10 to 14 percent -----	1 164	-	8	153	354	252	298	74	25	132
15 to 19 percent -----	635	-	21	62	131	209	174	31	7	137
20 to 24 percent -----	412	-	23	33	101	144	86	19	6	134
25 to 29 percent -----	207	-	-	72	40	35	41	14	5	120
30 to 34 percent -----	186	-	-	20	43	64	42	10	7	137
35 percent or more -----	326	-	6	36	92	117	55	13	7	131
Not computed -----	10	-	-	-	-	7	3	-	-	143
Median -----	12.1	-	17.7	13.9	11.9	12.2	11.1	10.9	14.5	...
SELECTED CHARACTERISTICS										
Heating equipment -----	4 894	-	77	512	1 255	1 427	1 259	295	69	136
Steam or hot water system -----	679	-	5	36	119	159	246	87	27	154
Central warm-air furnace or electric heat pump -----	3 831	-	33	367	1 043	1 185	960	201	42	135
Other built-in electric units -----	18	-	-	7	-	4	-	7	-	138
Floor, wall, or pipeless furnace -----	99	-	2	24	28	38	7	-	-	121
Other means -----	267	-	37	78	65	41	46	-	-	107
Air conditioning -----	2 288	-	23	191	529	639	686	176	44	141
Central system -----	530	-	-	11	67	116	227	91	18	166
1 or more individual room units -----	1 758	-	23	180	462	523	459	85	26	135
House heating fuel -----	4 894	-	77	512	1 255	1 427	1 259	295	69	136
Utility gas -----	4 512	-	77	505	1 188	1 322	1 109	248	63	134
Boiled, tank, or LP gas -----	12	-	-	-	-	7	5	-	-	146
Electricity -----	18	-	-	7	-	4	-	7	-	138
Fuel oil, kerosene, etc. -----	343	-	-	-	67	94	136	40	6	154
Other -----	9	-	-	-	-	-	9	-	-	175

Table C-7. Year Structure Built for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Oshkosh city	Owner-occupied housing units						Renter-occupied housing units					
	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier
Occupied housing units	11 098	730	573	1 399	2 377	6 019	7 188	653	882	969	1 434	3 250
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER												
Married-couple families	7 877	588	473	1 111	1 695	4 010	2 095	162	257	224	439	1 013
15 to 24 years.....	162	29	14	—	27	92	462	22	65	62	106	207
25 to 34 years.....	1 517	262	122	134	303	696	801	63	83	55	242	358
35 to 44 years.....	1 423	149	148	301	200	625	252	17	33	27	148	148
45 to 64 years.....	3 267	141	161	528	902	1 535	277	6	43	30	19	179
65 years and over.....	1 508	7	28	148	263	1 062	303	54	33	50	45	121
Male householder, no wife present	755	39	45	72	145	454	1 926	95	187	257	472	915
15 to 24 years.....	93	4	7	—	24	58	705	15	40	83	235	332
25 to 34 years.....	161	22	24	26	31	58	639	42	49	80	185	283
35 to 44 years.....	64	6	—	12	5	41	203	25	39	38	16	85
45 to 64 years.....	140	—	7	23	30	80	165	—	6	50	15	94
65 years and over.....	297	7	7	11	55	217	214	13	53	6	21	121
Female householder, no husband present	2 466	103	55	216	537	1 555	3 167	396	438	488	523	1 322
15 to 24 years.....	16	9	—	—	—	7	889	49	30	124	248	438
25 to 34 years.....	152	18	—	14	55	65	743	61	96	111	175	300
35 to 44 years.....	271	8	30	57	61	115	197	5	21	42	26	103
45 to 64 years.....	751	48	14	92	177	420	511	82	57	91	57	224
65 years and over.....	1 276	20	11	53	244	948	827	199	234	120	17	257
Median age	54.0	35.9	40.8	50.1	55.5	58.4	30.5	56.1	42.6	33.1	26.5	30.5
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980.....	944	248	45	105	163	383	3 437	388	333	417	811	1 488
1975 to 1978.....	2 185	482	140	240	354	969	2 428	265	323	367	471	1 002
1970 to 1974.....	1 650	—	388	245	290	727	662	—	226	116	55	265
1960 to 1969.....	2 319	—	—	809	436	1 074	342	—	—	69	51	222
1959 or earlier.....	4 000	—	—	—	1 134	2 866	319	—	—	—	46	273
ROOMS												
1 room.....	—	—	—	—	—	—	120	5	6	36	—	73
2 rooms.....	17	—	8	—	—	9	370	94	41	31	53	151
3 rooms.....	146	—	9	—	57	80	1 456	250	273	215	220	498
4 rooms.....	1 138	65	24	92	472	485	1 958	160	260	396	400	742
5 rooms.....	2 847	218	161	492	743	1 233	1 938	101	213	177	490	957
6 rooms.....	2 940	181	155	309	567	1 728	738	29	52	84	162	411
7 or more rooms.....	4 010	266	216	506	538	2 484	608	14	37	30	109	418
Median	6.0	6.0	6.0	5.9	5.4	6.2	4.3	3.4	4.0	4.0	4.6	4.7
PLUMBING FACILITIES BY PERSONS PER ROOM												
Complete plumbing for exclusive use	11 021	730	573	1 399	2 360	5 959	6 965	648	882	963	1 365	3 107
0.50 or less.....	7 570	380	273	868	1 686	4 363	5 045	499	655	679	997	2 215
0.51 to 1.00.....	3 331	347	287	524	641	1 532	1 844	135	213	279	349	868
1.01 to 1.50.....	107	3	13	—	27	64	63	14	—	—	11	24
1.51 or more.....	13	—	—	7	6	—	13	—	—	5	8	—
Lacking complete plumbing for exclusive use	77	—	—	—	17	60	223	5	—	6	69	143
0.50 or less.....	72	—	—	—	17	55	133	5	—	6	29	93
0.51 to 1.00.....	5	—	—	—	—	5	77	—	—	—	34	43
1.01 to 1.50.....	—	—	—	—	—	—	6	—	—	—	6	—
1.51 or more.....	—	—	—	—	—	—	7	—	—	—	—	7
PERSONS IN UNIT												
1 person.....	2 022	84	37	124	418	1 359	3 016	372	439	414	472	1 319
2 persons.....	3 825	143	117	529	1 035	2 001	2 191	172	222	338	529	930
3 persons.....	1 851	116	133	224	365	1 013	1 043	57	119	128	245	494
4 persons.....	2 021	285	157	316	360	903	553	30	59	58	105	301
5 persons.....	809	81	74	108	90	456	209	—	8	26	49	126
6 or more persons.....	570	21	55	98	109	287	176	22	35	5	34	80
Median	2.42	3.58	3.50	2.71	2.24	2.32	1.76	1.38	1.51	1.71	1.96	1.83
Total persons	30 866	2 358	2 039	4 367	6 080	16 022	15 046	1 134	1 843	1 877	3 199	6 993
UNITS IN STRUCTURE												
1, detached or attached.....	10 217	655	521	1 348	2 323	5 370	1 773	53	102	92	576	950
2.....	676	20	7	5	39	605	2 520	68	98	89	645	1 620
3 and 4.....	53	10	—	—	6	37	799	93	101	152	141	312
5 to 9.....	7	—	—	—	—	7	621	67	161	171	35	187
10 to 49.....	41	13	—	28	—	—	879	131	178	402	29	139
50 or more.....	—	—	—	—	—	—	575	236	234	63	—	42
Mobile home or trailer, etc.....	104	32	45	18	9	—	21	5	8	—	8	—
SELECTED CHARACTERISTICS												
Heating equipment	11 098	730	573	1 399	2 377	6 019	7 174	653	882	962	1 434	3 243
Steam or hot water system.....	1 714	70	60	347	267	970	1 960	201	439	375	242	703
Central warm-air furnace or electric heat pump.....	8 581	552	483	1 040	1 974	4 532	3 849	172	364	478	881	1 954
Other built-in electric units.....	152	108	12	—	12	20	416	245	46	93	12	20
Floor, wall, or pipeless furnace.....	184	—	13	—	48	123	218	27	6	4	62	119
Other means.....	467	—	5	12	76	374	731	8	27	12	237	447
Air conditioning	5 002	270	219	799	1 276	2 438	2 250	345	363	634	309	599
Central system.....	1 230	169	95	368	338	260	362	57	94	122	50	39
1 or more individual room units.....	3 772	101	124	431	938	2 178	1 888	288	269	512	259	560
House heating fuel	11 098	730	573	1 399	2 377	6 019	7 174	653	882	962	1 434	3 243
Utility gas.....	10 166	468	550	1 389	2 139	5 620	6 131	348	767	824	1 268	2 924
Battled, tank, or LP gas.....	18	6	—	—	—	12	79	6	8	12	29	24
Electricity.....	267	209	18	—	12	28	551	290	69	119	36	37
Fuel oil, kerosene, etc.....	627	47	—	10	226	344	397	—	38	7	101	251
Other.....	20	—	5	—	—	15	16	9	—	—	—	7
Income in 1979 below poverty level	383	14	5	14	95	255	1 354	125	165	104	235	725
Percent below poverty level.....	3.5	1.9	0.9	1.0	4.0	4.2	18.8	19.1	18.7	10.7	16.4	22.3
HOUSEHOLD INCOME IN 1979												
Less than \$5,000.....	709	14	5	38	138	514	1 391	226	303	129	167	566
\$5,000 to \$9,999.....	1 588	41	38	72	286	1 151	2 121	168	125	269	515	1 044
\$10,000 to \$14,999.....	914	32	38	83	174	587	841	46	107	122	166	400
\$15,000 to \$19,999.....	812	35	32	72	162	511	644	58	45	79	132	330
\$20,000 to \$24,999.....	1 799	116	99	300	333	951	1 031	35	119	212	216	449
\$25,000 to \$29,999.....	1 704	131	105	196	439	833	635	60	80	103	128	264
\$30,000 to \$34,999.....	2 079	213	157	354	463	892	352	20	74	46	76	136
\$35,000 to \$49,999.....	1 125	117	60	223	294	431	128	29	29	3	15	52
\$50,000 or more.....	368	31	39	61	88	149	245	11	—	6	19	9
Median	\$19 264	\$24 846	\$23 955	\$23 602	\$20 904	\$16 320	\$10 244	\$7 305	\$10 304	\$11 773	\$10 527	\$10 094
Mean	\$21 280	\$26 701	\$26 067	\$25 098	\$22 777	\$18 688	\$12 927	\$18 091	\$12 215	\$13 301	\$13 103	\$11 895

Table C-8. Units in Structure for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Oshkosh city	Owner-occupied housing units				Renter-occupied housing units							
	Total	1 unit, detached or attached	2 or more units	Mobile home or trailer, etc.	Total	1 unit, detached or attached	2 units	3 and 4 units	5 to 9 units	10 to 49 units	50 or more units	Mobile home or trailer, etc.
Occupied housing units	11 098	10 217	777	104	7 188	1 773	2 520	799	621	879	575	21
Condominium housing units	49	8	41	-	33	7	-	-	6	20	-	-
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER												
Married-couple families	7 877	7 458	379	40	2 095	782	827	140	114	197	27	8
15 to 24 years	162	144	10	8	462	108	233	31	5	85	-	-
25 to 34 years	1 517	1 428	78	11	801	274	358	59	60	36	6	8
35 to 44 years	1 423	1 383	40	-	252	155	77	-	14	6	-	-
45 to 64 years	3 267	3 139	120	8	277	135	79	31	16	16	-	-
65 years and over	1 508	1 364	131	13	303	110	80	19	19	54	21	-
Male householder, no wife present	755	586	124	45	1 926	478	660	254	195	238	101	-
15 to 24 years	93	56	26	11	705	126	270	123	76	68	42	-
25 to 34 years	161	107	27	27	639	169	252	83	68	67	-	-
35 to 44 years	64	54	10	-	203	50	55	19	27	47	5	-
45 to 64 years	140	105	28	7	165	56	35	13	17	44	-	-
65 years and over	297	264	33	-	214	77	48	16	7	12	54	-
Female householder, no husband present	2 466	2 173	274	19	3 167	513	1 033	405	312	444	447	13
15 to 24 years	16	16	-	-	889	98	374	174	106	103	29	5
25 to 34 years	152	145	7	-	743	118	334	96	115	80	-	-
35 to 44 years	271	255	11	5	197	73	82	-	10	32	-	-
45 to 64 years	751	706	38	7	511	137	103	65	54	95	57	-
65 years and over	1 276	1 051	218	7	827	87	140	70	27	134	361	8
Median age	54.0	53.6	64.3	34.0	30.5	34.9	27.8	27.2	28.4	35.0	73.3	28.4
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980	944	832	63	49	3 437	664	1 294	487	345	399	235	13
1975 to 1978	2 185	2 037	126	22	2 428	594	888	230	218	338	152	8
1970 to 1974	1 650	1 550	77	23	662	180	138	45	36	83	180	-
1960 to 1969	2 319	2 216	98	5	342	165	64	33	22	50	8	-
1959 or earlier	4 000	3 582	413	5	319	170	136	4	-	9	-	-
ROOMS												
1 room	-	-	-	-	120	6	7	7	20	49	26	5
2 rooms	17	8	9	-	370	20	53	69	68	67	93	8
3 rooms	146	92	50	4	1 456	92	382	243	117	218	396	8
4 rooms	1 138	927	150	61	1 958	284	768	287	251	322	38	8
5 rooms	2 847	2 505	303	39	1 938	579	904	156	127	150	22	-
6 rooms	2 940	2 771	169	-	738	334	304	16	29	55	-	-
7 or more rooms	4 010	3 914	96	-	608	458	102	21	9	18	-	-
Median	6.0	6.1	5.1	4.3	4.3	5.3	4.6	3.8	3.9	3.8	2.9	3.2
PLUMBING FACILITIES BY PERSONS PER ROOM												
Complete plumbing for exclusive use	11 021	10 167	750	104	6 965	1 773	2 406	746	571	873	575	21
0.50 or less	7 570	6 890	607	73	5 045	1 038	1 785	593	405	673	479	16
0.51 to 1.00	3 331	3 169	131	31	1 844	688	602	153	156	144	96	5
1.01 to 1.50	107	95	12	-	63	39	19	-	5	-	-	-
1.51 or more	13	13	-	-	13	8	-	-	5	-	-	-
Lacking complete plumbing for exclusive use	77	50	27	-	223	-	114	53	50	6	-	-
0.50 or less	72	50	22	-	133	-	62	38	33	-	-	-
0.51 to 1.00	5	-	5	-	77	-	39	15	17	6	-	-
1.01 to 1.50	-	-	-	-	6	-	6	-	-	-	-	-
1.51 or more	-	-	-	-	7	-	7	-	-	-	-	-
BEDROOMS												
None	-	-	-	-	198	11	31	23	44	58	26	5
1	459	285	165	9	2 405	175	834	351	161	382	494	8
2	2 875	2 435	369	71	2 952	653	1 164	351	330	391	55	8
3	5 367	5 141	202	24	1 245	636	447	53	80	29	-	-
4	2 070	2 043	27	-	298	222	36	21	-	19	-	-
5 or more	327	313	14	-	90	76	8	-	6	-	-	-
HOUSEHOLD INCOME IN 1979												
Less than \$5,000	709	638	64	7	1 391	174	377	172	140	148	380	-
\$5,000 to \$9,999	1 588	1 319	265	4	2 121	498	823	201	195	240	151	13
\$10,000 to \$14,999	914	813	83	18	841	149	370	87	56	165	6	8
\$15,000 to \$19,999	812	769	36	7	644	205	250	78	38	67	6	-
\$20,000 to \$24,999	1 799	1 659	101	39	1 031	296	363	142	96	119	15	-
\$25,000 to \$34,999	1 704	1 584	106	14	635	221	203	58	63	85	5	-
\$35,000 to \$49,999	2 079	2 008	61	10	352	138	101	38	20	43	12	-
\$50,000 or more	1 125	1 066	54	5	128	73	18	18	7	12	-	-
Median	\$19 264	\$19 743	\$11 792	\$16 143	\$10 244	\$13 299	\$10 405	\$10 761	\$9 271	\$10 780	\$4 254	\$9 519
Mean	\$21 280	\$21 742	\$15 796	\$16 899	\$12 927	\$15 214	\$12 064	\$17 794	\$11 780	\$12 166	\$5 433	\$9 347
SELECTED CHARACTERISTICS												
Heating equipment	11 098	10 217	777	104	7 174	1 773	2 513	799	621	872	575	21
Steam or hot water system	1 714	1 535	179	-	1 960	203	482	250	245	512	260	8
Central warm-air furnace or electric heat pump	8 581	7 933	555	93	3 849	1 221	1 511	426	263	243	177	8
Other built-in electric units	152	152	-	-	416	12	44	71	77	90	117	5
Floor, wall, or pipeless furnace	184	173	-	11	218	82	97	7	5	14	13	-
Other means	467	424	43	-	731	255	379	45	31	13	8	-
Air conditioning	5 002	4 639	334	29	2 250	468	493	290	214	530	242	13
Central system	1 230	1 175	50	5	362	74	63	116	29	74	6	-
Vehicles available	10 233	9 465	664	104	5 841	1 616	2 124	681	490	648	269	13
1	4 591	4 139	400	52	3 788	901	1 412	492	295	446	229	13
2 or more	5 642	5 326	264	52	2 053	715	712	189	195	202	40	-
House heating fuel	11 098	10 217	777	104	7 174	1 773	2 513	799	621	872	575	21
Utility gas	10 166	9 332	730	104	6 131	1 601	2 298	632	476	699	409	16
Bottled, tank, or LP gas	18	18	-	-	79	20	16	17	6	13	7	-
Electricity	267	260	7	-	551	17	69	101	98	120	141	5
Fuel oil, kerosene, etc.	627	587	40	-	397	135	130	49	41	33	9	-
Other	20	20	-	-	16	-	-	-	-	7	9	-
Water heating fuel	11 098	10 217	777	104	7 181	1 773	2 513	799	621	879	575	21
Utility gas	10 318	9 480	757	81	6 089	1 667	2 305	634	443	656	376	8
Bottled, tank, or LP gas	55	49	6	-	94	21	54	-	11	8	-	-
Electricity	698	661	14	23	869	78	133	145	137	190	173	13
Fuel oil, kerosene, etc.	27	27	-	-	107	7	21	20	24	18	17	-
Other	-	-	-	-	22	-	-	-	6	7	9	-
Family householder	8 892	8 402	443	47	3 000	1 120	1 093	251	225	262	41	8
With own children under 18 years	4 082	3 934	129	19	1 594	710	590	97	131	60	6	-
With own children under 6 years	1 492	1 422	51	19	938	342	424	57	81	28	6	-
Female householder, no husband present	877	833	37	7	698	239	222	88	98	47	4	-
With own children under 18 years	381	370	11	-	550	170	197	72	85	26	-	-
With own children under 6 years	116	116	-	-	236	36	114	32	48	6	-	-
Nonfamily householder	2 206	1 815	334	57	4 188	653	1 427	548	396	617	534	13
Income in 1979 below poverty level	383	352	24	7	1 354	270	451	202	157	107	167	-
Percent below poverty level	3.5	3.4	3.1	6.7	18.8	15.2	17.9	25.3	25.3	12.2	29.0	-

Table C-9. Owner- and Renter-Occupied Housing Units by Size of Household: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

Oshkosh city	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 or more persons	Median	Total persons
Owner-occupied housing units -----	11 098	2 022	3 825	1 851	2 021	809	358	154	58	2.42	30 866
Nonrelatives present -----	302	-	148	73	35	16	30	-	-	2.54	900
ROOMS											
1 to 3 rooms -----	163	95	53	15	-	-	-	-	-	1.36	261
4 rooms -----	1 138	477	501	123	26	11	-	-	-	1.68	2 039
5 rooms -----	2 847	597	1 167	453	458	129	30	-	13	2.21	6 989
6 rooms -----	2 940	485	1 036	599	515	161	94	41	9	2.45	8 122
7 rooms -----	2 170	253	669	321	524	239	86	62	16	3.01	7 022
8 or more rooms -----	1 840	115	399	340	498	269	148	51	20	3.63	6 433
Median -----	6.0	5.2	5.7	6.1	6.5	6.9	7.1	7.1	6.9	...	...
PLUMBING FACILITIES BY PERSONS PER ROOM											
Complete plumbing for exclusive use -----	11 021	1 968	3 820	1 838	2 016	809	358	154	58	2.43	30 757
1.00 or less -----	10 901	1 968	3 820	1 838	2 016	798	328	113	20	2.41	30 054
1.01 to 1.50 -----	107	-	-	-	-	11	30	41	25	6.80	648
1.51 or more -----	13	-	-	-	-	-	-	-	13	8.00	55
Lacking complete plumbing for exclusive use -----	77	54	5	13	5	-	-	-	-	1.21	109
1.00 or less -----	77	54	5	13	5	-	-	-	-	1.21	109
1.01 to 1.50 -----	-	-	-	-	-	-	-	-	-	-	-
1.51 or more -----	-	-	-	-	-	-	-	-	-	-	-
UNITS IN STRUCTURE											
1, detached or attached -----	10 217	1 676	3 494	1 766	1 951	788	339	145	58	2.48	28 841
2 or more -----	777	304	296	73	55	21	19	9	-	1.79	1 800
Mobile home or trailer, etc. -----	104	42	35	12	15	-	-	-	-	1.79	225
VALUE											
Specified owner-occupied housing units -----	9 806	1 594	3 367	1 694	1 885	741	322	145	58	2.48	27 582
Less than \$10,000 -----	125	58	47	9	7	4	-	-	-	1.60	256
\$10,000 to \$19,999 -----	627	195	234	132	31	19	-	12	-	2.01	1 531
\$20,000 to \$29,999 -----	1 697	483	600	291	194	71	31	18	9	2.11	3 737
\$30,000 to \$39,999 -----	2 660	452	964	458	500	166	74	30	16	2.41	7 253
\$40,000 to \$49,999 -----	2 001	206	677	350	445	193	63	54	13	2.84	6 080
\$50,000 to \$59,999 -----	1 188	82	405	234	240	161	42	12	12	2.96	3 774
\$60,000 to \$79,999 -----	1 015	75	305	148	315	88	68	8	8	3.36	3 367
\$80,000 to \$99,999 -----	311	35	85	44	99	16	21	11	-	3.31	1 055
\$100,000 to \$149,999 -----	156	8	43	15	48	23	19	-	-	3.75	460
\$150,000 or more -----	26	-	7	13	6	-	-	-	-	2.96	69
Median -----	\$39 200	\$31 300	\$38 100	\$39 100	\$44 100	\$44 600	\$46 600	\$41 300	\$42 900	...	...
SELECTED CHARACTERISTICS											
All income levels in 1979 -----	11 098	2 022	3 825	1 851	2 021	809	358	154	58	2.42	30 866
Median income -----	\$19 264	\$7 680	\$17 512	\$21 730	\$24 718	\$26 687	\$28 664	\$28 986	\$43 158	...	...
Median selected monthly owner costs as percentage of household income -----	15.2	22.3	13.5	14.3	16.0	15.6	13.9	12.7	10-	...	...
With a mortgage -----	18.4	26.2	17.8	18.8	17.7	17.7	14.8	14.4	10-	...	...
Not mortgaged -----	12.1	20.9	11.9	10-	10-	10-	10-	10-	10-	...	...
Income in 1979 below poverty level -----	383	199	78	31	23	33	9	10	-	1.46	...
Median income -----	\$3 394	\$3 010	\$2 692	\$4 135	\$4 191	\$5 804	\$6 250	\$8 750	-	...	...
Median selected monthly owner costs as percentage of household income -----	50+	50+	39.3	50+	50+	50+	-	24.2	-	...	...
With a mortgage -----	50+	50+	27.5	50+	50+	50+	-	24.2	-	...	...
Not mortgaged -----	42.1	47.7	45.0	27.5	37.5	-	-	-	-	...	...
Renter-occupied housing units -----	7 188	3 016	2 191	1 043	553	209	92	64	20	1.76	15 046
Nonrelatives present -----	1 363	-	779	329	164	45	23	19	4	2.37	3 721
ROOMS											
1 room -----	120	108	5	-	7	-	-	-	-	1.06	149
2 rooms -----	370	345	25	-	-	-	-	-	-	1.04	374
3 rooms -----	1 456	1 111	297	42	6	-	-	-	-	1.16	1 819
4 rooms -----	1 958	777	802	272	102	5	-	-	-	1.75	3 638
5 rooms -----	1 938	489	810	381	172	55	24	7	-	2.09	4 475
6 rooms -----	738	127	189	214	135	29	25	19	-	2.75	2 158
7 or more rooms -----	608	59	63	134	131	120	43	38	20	3.87	2 433
Median -----	4.3	3.4	4.5	5.0	5.4	6.7	6.4	6.9	7.8	...	...
PLUMBING FACILITIES BY PERSONS PER ROOM											
Complete plumbing for exclusive use -----	6 965	2 889	2 139	1 029	523	209	92	64	20	1.78	14 664
1.00 or less -----	6 889	2 889	2 134	1 029	523	204	68	38	4	1.76	14 164
1.01 to 1.50 -----	63	-	-	-	-	5	24	26	8	6.60	446
1.51 or more -----	13	-	5	-	-	-	-	-	8	8.5+	54
Lacking complete plumbing for exclusive use -----	223	127	52	14	30	-	-	-	-	1.38	382
1.00 or less -----	210	127	52	14	30	-	-	-	-	1.33	332
1.01 to 1.50 -----	6	-	-	-	6	-	-	-	-	4.00	21
1.51 or more -----	7	-	-	-	7	-	-	-	-	4.00	29
UNITS IN STRUCTURE											
1, detached or attached -----	1 773	433	461	349	260	137	63	50	20	2.48	5 174
2 -----	2 520	951	809	477	197	43	29	14	-	1.88	5 209
3 and 4 -----	799	381	327	63	28	-	-	-	-	1.56	1 357
5 to 9 -----	621	242	252	71	30	26	-	-	-	1.77	1 263
10 to 49 -----	879	502	291	58	25	3	-	-	-	1.38	1 334
50 or more -----	575	494	43	25	13	-	-	-	-	1.08	683
Mobile home or trailer, etc. -----	21	13	8	-	-	-	-	-	-	1.31	26
GROSS RENT											
Specified renter-occupied housing units -----	7 095	2 961	2 177	1 030	553	202	92	60	20	1.77	14 842
Less than \$100 -----	508	438	40	12	15	3	-	-	-	1.08	631
\$100 to \$149 -----	739	567	115	39	10	8	-	-	-	1.15	957
\$150 to \$199 -----	1 497	760	511	183	11	17	-	15	-	1.48	2 554
\$200 to \$249 -----	2 044	762	753	307	174	34	6	-	8	1.85	4 183
\$250 to \$299 -----	1 335	262	515	269	148	70	39	24	8	2.29	3 541
\$300 to \$349 -----	497	82	121	125	98	46	18	7	-	2.86	1 447
\$350 to \$399 -----	148	6	27	32	59	-	10	14	-	3.65	564
\$400 to \$499 -----	79	-	15	12	24	18	10	-	-	4.02	342
\$500 or more -----	38	9	5	-	9	6	5	-	4	4.06	147
No cash rent -----	210	75	75	51	5	-	4	-	-	1.90	476
Median -----	\$216	\$178	\$225	\$243	\$269	\$282	\$296	\$287	\$281	...	...
SELECTED CHARACTERISTICS											
All income levels in 1979 -----	7 188	3 016	2 191	1 043	553	209	92	64	20	1.76	15 046
Median income -----	\$10 244	\$7 105	\$12 633	\$12 870	\$15 816	\$13 615	\$19 038	\$20 769	\$24 375	...	...
Median gross rent as percentage of household income -----	24.2	27.3	21.7	24.3	20.1	22.5	22.5	17.9	11.3	...	...
Income in 1979 below poverty level -----	1 354	536	317	240	145	57	28	27	4	1.94	...
Median income -----	\$3 880	\$2500-	\$3 908	\$6 122	\$10 774	\$7 240	\$13 000	\$9 821	\$21 250	...	...
Median gross rent as percentage of household income -----	50+	50+	50+	45.3	34.5	34.0	43.1	25.4	37.5	...	...

Table C-10. Household Composition and Age of Householder for Owner- and Renter-Occupied Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B)

	Married-couple families					Male householder, no wife present					Female householder, no husband present					Median age	
	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over		
Oshkosh city																	
Owner-occupied housing units																	
PERSONS IN UNIT																	
1 person	162	1 517	1 423	3 267	1 508	93	161	64	140	297	16	152	271	751	1 276	54.0	
2 persons	75	344	135	1 364	1 241	57	101	31	74	246	7	36	34	448	988	68.7	
3 persons	30	377	182	764	213	21	55	10	32	43	—	32	70	179	224	61.6	
4 persons	57	537	550	650	48	15	5	12	20	—	9	63	78	53	42	49.9	
5 persons	—	216	306	245	6	—	—	—	—	2	—	7	55	60	7	39.8	
6 or more persons	—	43	250	244	—	—	—	—	—	—	—	—	22	11	5	40.1	
Median	2.70	3.57	4.22	2.85	2.11	1.32	1.30	1.60	1.45	1.10	2.61	2.63	2.90	1.34	1.15	44.5	
Total persons	473	5 340	6 252	10 194	3 357	133	226	155	275	360	26	337	822	1 270	1 646	...	
PLUMBING FACILITIES BY PERSONS PER ROOM																	
Complete plumbing for exclusive use	11 021	1 517	1 423	3 249	1 503	93	161	64	140	288	16	152	271	745	1 237	53.9	
1.01 or more persons per room	120	19	56	39	5	—	—	—	—	9	—	—	6	—	—	43.3	
Lacking complete plumbing for exclusive use	77	—	—	—	—	—	—	—	—	—	—	—	—	6	39	74.0	
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979																	
Specified owner-occupied housing units																	
With a mortgage	9 806	1 378	1 345	2 994	1 312	56	99	54	100	250	9	141	237	679	1 012	53.5	
Less than 15 percent	4 912	1 335	1 194	1 381	46	41	87	54	59	6	9	121	213	188	38	39.5	
15 to 19 percent	1 699	293	514	743	13	6	9	14	26	—	—	16	30	27	18	44.6	
20 to 24 percent	1 115	350	307	313	12	34	15	17	17	6	—	—	16	12	—	38.8	
25 to 29 percent	931	40	351	200	11	15	18	17	9	—	—	20	31	34	—	35.7	
30 to 34 percent	555	37	170	75	5	14	28	—	—	—	—	8	51	47	5	35.9	
35 percent or more	211	23	76	10	4	6	17	—	—	—	—	20	19	—	—	32.8	
Not computed	382	95	44	33	1	—	—	—	—	—	9	57	66	62	15	39.4	
Median	19	20.3	16.4	14.4	19.2	24.8	25.3	17.9	16.0	17.5	50+	—	27.9	26.9	—	47.9	
Not mortgaged	18.4	43	151	144	126	15	12	—	41	244	—	20	24	491	974	65.2	
Less than 10 percent	4 894	25	132	152	8	8	7	—	22	21	—	7	124	124	120	59.0	
10 to 14 percent	1 954	14	12	311	398	7	—	—	12	30	—	5	—	159	216	66.3	
15 to 19 percent	1 164	4	7	83	266	—	5	—	—	76	—	—	—	64	130	71.3	
20 to 24 percent	635	—	—	—	164	—	—	—	—	32	—	—	13	54	142	71.1	
25 to 29 percent	412	—	—	—	41	—	—	—	—	20	—	8	—	30	94	71.4	
30 to 34 percent	207	—	—	—	26	—	—	—	—	17	—	—	—	15	86	73.5	
35 percent or more	186	—	—	—	42	—	—	—	—	48	—	—	4	42	186	74.7	
Not computed	326	—	—	—	26	—	—	—	—	—	—	—	—	—	—	62.5	
Median	10	—	—	—	7	—	—	—	—	19.7	—	13.0	21.9	13.8	20.7	...	
12.1	—	10—	10—	10—	13.8	10—	10—	—	10—	—	—	—	—	—	—	...	
Renter-occupied housing units																	
PERSONS IN UNIT																	
1 person	7 188	801	252	277	303	705	639	203	165	214	889	743	197	511	827	30.5	
2 persons	3 016	—	—	—	—	279	359	163	103	194	362	346	53	382	775	42.4	
3 persons	2 191	235	43	151	254	241	187	15	41	20	326	206	21	58	34	27.7	
4 persons	1 553	176	201	42	34	78	46	12	6	—	146	147	73	39	18	27.4	
5 persons	209	43	85	42	7	80	30	5	—	—	40	19	16	24	—	29.8	
6 or more persons	176	—	—	16	—	18	12	5	7	—	10	25	11	—	—	32.7	
Median	1.76	2.48	2.71	2.42	2.10	1.80	1.39	1.12	1.30	1.05	1.75	1.62	2.84	1.17	1.03	38.8	
Total persons	15 046	1 171	2 525	916	673	1 384	1 090	310	280	210	1 746	1 436	592	734	869	...	
PLUMBING FACILITIES BY PERSONS PER ROOM																	
Complete plumbing for exclusive use	6 965	783	252	267	293	646	631	198	152	186	839	738	197	506	827	30.7	
1.01 or more persons per room	76	13	12	8	—	—	5	5	8	28	5	5	12	8	—	37.1	
Lacking complete plumbing for exclusive use	223	12	18	10	10	59	8	—	13	—	50	5	—	5	—	24.6	
1.01 or more persons per room	13	—	—	—	—	7	—	—	—	—	—	—	—	—	—	—	
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979																	
Specified renter-occupied housing units																	
Less than 15 percent	7 095	462	788	248	303	700	639	195	151	203	889	743	188	504	819	30.3	
15 to 19 percent	1 186	92	233	75	28	131	182	78	73	6	75	88	22	82	55	30.7	
20 to 24 percent	1 067	173	240	58	26	102	148	27	34	35	103	90	18	60	28.1	28.1	
25 to 29 percent	837	42	123	48	70	85	152	—	8	8	77	118	42	66	183	32.6	
30 to 34 percent	554	73	79	13	10	97	36	29	8	30	80	131	46	50	120	30.3	
35 to 49 percent	904	23	25	12	14	44	13	4	—	22	95	71	30	77	65	36.0	
50 percent or more	927	34	46	6	55	109	31	28	9	30	179	103	74	168	31.0	31.0	
Not computed	302	25	31	26	19	126	52	21	19	21	263	129	13	66	105	26.9	
Median	24.2	19.0	18.2	18.8	29.7	26.5	19.3	17.9	15.4	29.2	35.4	27.6	26.1	27.9	28.4	64.4	

Table C-11. Age and Sex of Householder in One-Person Households for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Oshkosh city	Male householder						Female householder						
	Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	
Owner-occupied housing units	2 022	509	57	101	31	74	246	1 513	7	36	34	448	988
PLUMBING FACILITIES													
Complete plumbing for exclusive use	1 968	500	57	101	31	74	237	1 468	7	36	34	442	949
Locking complete plumbing for exclusive use	54	9	-	-	-	-	9	45	-	-	-	6	39
UNITS IN STRUCTURE													
1, detached or attached	1 676	401	40	67	31	50	213	1 275	7	29	34	415	790
2 or more	304	73	10	13	-	17	33	231	-	7	-	33	191
Mobile home or trailer, etc.	42	35	7	21	-	7	-	7	-	-	-	-	7
HOUSEHOLD INCOME IN 1979													
Less than \$5,000	578	92	-	-	6	2	84	486	-	-	6	61	419
\$5,000 to \$9,999	730	150	13	-	-	13	124	580	-	13	11	192	364
\$10,000 to \$12,499	238	55	4	21	-	-	30	183	7	5	-	57	114
\$12,500 to \$14,999	125	51	27	11	6	7	-	74	-	7	7	33	27
\$15,000 to \$19,999	198	113	-	62	14	37	-	85	-	4	-	48	33
\$20,000 to \$24,999	82	24	7	7	5	5	-	58	-	-	10	36	12
\$25,000 to \$34,999	65	24	6	-	-	10	8	41	-	7	-	21	13
\$35,000 to \$49,999	6	-	-	-	-	-	-	-	-	-	-	-	-
\$50,000 or more	6	-	-	-	-	-	-	6	-	-	-	-	6
Median	\$7 680	\$10 568	\$13 565	\$16 128	\$16 458	\$17 609	\$6 300	\$7 049	\$11 250	\$12 500	\$10 000	\$9 116	\$5 933
Mean	\$9 451	\$11 521	\$15 038	\$15 691	\$13 549	\$17 241	\$7 018	\$8 755	\$12 430	\$14 243	\$10 843	\$10 790	\$7 534
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS													
Specified owner-occupied housing units	1 594	380	40	59	31	45	205	1 214	-	29	29	405	751
With a mortgage	292	132	33	54	31	14	-	160	-	17	29	93	21
Less than \$200	81	26	13	-	6	7	-	55	-	8	6	26	15
\$200 to \$249	73	33	6	21	6	-	-	40	-	5	6	29	-
\$250 to \$299	32	20	-	6	14	-	-	12	-	-	-	12	-
\$300 to \$349	21	21	14	-	-	7	-	-	-	-	-	-	-
\$350 to \$399	32	19	-	14	5	-	-	13	-	-	-	13	-
\$400 to \$499	35	6	-	6	-	-	-	29	-	-	17	6	6
\$500 to \$599	18	7	-	7	-	-	-	11	-	4	-	7	-
\$600 to \$749	-	-	-	-	-	-	-	-	-	-	-	-	-
\$750 or more	-	-	-	-	-	-	-	-	-	-	-	-	-
Median	\$245	\$267	\$229	\$325	\$263	\$250	-	\$231	-	\$205	\$410	\$235	\$163
Not mortgaged	1 302	248	7	5	-	31	205	1 054	-	12	-	312	730
Less than \$50	-	-	-	-	-	-	-	-	-	-	-	-	-
\$50 to \$74	66	29	-	-	-	5	24	37	-	-	-	6	31
\$75 to \$99	269	34	-	-	-	6	28	235	-	5	-	35	195
\$100 to \$124	433	99	-	-	-	7	92	334	-	7	-	123	204
\$125 to \$149	341	52	-	-	-	-	52	289	-	-	-	80	209
\$150 to \$199	145	21	-	5	-	7	9	124	-	-	-	47	77
\$200 to \$249	48	13	7	-	-	6	-	35	-	-	-	21	14
\$250 or more	-	-	-	-	-	-	-	-	-	-	-	-	-
Median	\$118	\$115	\$225	\$175	-	\$116	\$114	\$119	-	\$104	-	\$123	\$117
SELECTED CHARACTERISTICS													
Median selected monthly owner costs as percentage of household income in 1979	22.3	21.8	25.0	24.0	21.3	13.9	22.3	22.5	-	22.5	38.2	18.9	23.8
With a mortgage	26.2	23.1	26.3	25.0	21.3	20.0	-	36.7	-	27.2	38.2	37.5	37.5
Not mortgaged	20.9	20.0	12.5	17.5	-	10-	22.3	21.0	-	10-	-	14.8	23.6
Income in 1979 below poverty level	199	40	-	-	6	-	34	159	-	-	6	43	110
Percent below poverty level	9.8	7.9	-	-	19.4	-	13.8	10.5	-	-	17.6	9.6	11.1
Renter-occupied housing units	3 016	1 098	279	359	163	103	194	1 918	362	346	53	382	775
PLUMBING FACILITIES													
Complete plumbing for exclusive use	2 889	1 013	242	351	158	96	166	1 876	325	341	53	382	775
Locking complete plumbing for exclusive use	127	85	37	8	5	7	28	42	37	5	-	-	-
UNITS IN STRUCTURE													
1, detached or attached	433	242	47	82	23	33	57	191	30	30	9	60	62
2	951	377	114	159	42	14	48	574	138	187	26	92	131
3 and 4	381	139	41	56	19	7	16	242	99	40	-	44	59
5 to 9	242	114	39	24	27	17	7	128	30	23	-	48	27
10 to 49	502	159	30	38	47	32	12	343	51	66	18	81	127
50 or more	494	67	8	-	5	-	54	427	9	-	-	57	361
Mobile home or trailer, etc.	13	-	-	-	-	-	-	13	5	-	-	-	8
HOUSEHOLD INCOME IN 1979													
Less than \$5,000	996	273	72	47	29	28	97	723	119	52	-	107	445
\$5,000 to \$9,999	1 097	349	131	97	28	15	78	748	193	155	19	153	228
\$10,000 to \$12,499	390	164	38	83	24	19	-	226	35	66	20	37	68
\$12,500 to \$14,999	148	68	14	48	-	-	6	80	15	46	7	12	-
\$15,000 to \$19,999	207	133	24	66	19	24	-	74	-	27	-	40	7
\$20,000 to \$24,999	117	75	-	13	32	17	13	42	-	-	7	26	9
\$25,000 to \$34,999	37	18	-	5	13	-	-	19	-	-	-	7	12
\$35,000 to \$49,999	18	12	-	-	12	-	-	6	-	-	-	-	6
\$50,000 or more	6	6	-	-	6	-	-	-	-	-	-	-	-
Median	\$7 105	\$8 866	\$6 896	\$11 069	\$15 089	\$11 118	\$5 000	\$6 405	\$6 703	\$9 158	\$10 938	\$7 143	\$4 601
Mean	\$8 447	\$10 367	\$7 659	\$11 185	\$17 382	\$11 773	\$6 107	\$7 348	\$6 296	\$9 099	\$11 942	\$8 784	\$6 036
GROSS RENT													
Specified renter-occupied housing units	2 961	1 067	274	359	155	96	183	1 894	362	346	44	375	767
Less than \$100	438	98	16	10	-	12	60	340	-	-	-	60	280
\$100 to \$149	567	187	29	42	34	25	57	380	114	63	-	45	158
\$150 to \$199	760	363	127	156	31	37	12	397	95	112	16	74	100
\$200 to \$249	762	264	77	82	70	14	21	498	91	117	21	124	145
\$250 to \$299	262	78	18	40	12	8	-	184	50	39	7	55	33
\$300 to \$349	82	36	7	14	8	-	7	46	8	9	-	6	23
\$350 to \$399	6	-	-	-	-	-	-	6	-	6	-	-	-
\$400 to \$499	-	-	-	-	-	-	-	-	-	-	-	-	-
\$500 or more	9	9	-	9	-	-	-	-	-	-	-	-	-
No cash rent	75	32	-	6	-	-	26	43	4	-	-	11	28
Median	\$178	\$181	\$184	\$191	\$207	\$162	\$123	\$175	\$185	\$199	\$225	\$201	\$128
SELECTED CHARACTERISTICS													
Median gross rent as percentage of household income in 1979	27.3	24.4	30.2	20.4	14.8	17.3	29.6	29.1	34.8	26.1	24.2	30.3	28.6
Income in 1979 below poverty level	536	179	54	47	29	12	37	357	92	37	-	63	165
Percent below poverty level	17.8	16.3	19.4	13.1	17.8	11.7	19.1	18.6	25.4	10.7	-	16.5	21.3

Table C-12. Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Oshkosh city				Oshkosh city			
Total	Less than 2 months	2 up to 6 months	6 or more months	Total	Less than 2 months	2 up to 6 months	6 or more months
Vacant for sale only housing units				Vacant for rent housing units			
117	33	42	42	396	165	180	51
ROOMS				ROOMS			
to 3 rooms	-	-	-	1 room	48	6	21
3 rooms	34	13	21	2 rooms	10	10	-
4 rooms	41	17	-	3 rooms	56	18	31
5 rooms	14	3	6	4 rooms	179	67	110
6 or more rooms	19	9	15	5 rooms	63	41	14
Median	5.1	5.0	5.0	6 rooms	20	16	4
				7 or more rooms	20	7	13
				Median	4.0	4.2	3.8
PLUMBING FACILITIES				PLUMBING FACILITIES			
Complete plumbing for exclusive use	114	33	42	39	359	149	159
Lacking complete plumbing for exclusive use	3	-	-	3	37	16	21
BEDROOMS				BEDROOMS			
None	-	-	-	None	48	6	21
1	11	6	5	1	82	44	35
2	45	11	18	2	37	10	21
3	37	10	21	3	209	84	111
4	24	6	3	4	53	31	13
5 or more	-	-	-	5 or more	4	-	4
YEAR STRUCTURE BUILT				YEAR STRUCTURE BUILT			
1975 to March 1980	51	11	25	15	1975 to March 1980	59	41
1970 to 1974	7	7	-	3	1970 to 1974	32	25
1960 to 1969	3	-	-	3	1960 to 1969	81	6
1950 to 1959	5	5	-	5	1950 to 1959	8	2
1940 to 1949	5	-	-	5	1940 to 1949	27	10
1939 or earlier	46	10	17	19	1939 or earlier	189	81
UNITS IN STRUCTURE				UNITS IN STRUCTURE			
1, detached or attached	83	9	42	32	1, detached or attached	82	37
2 or more	27	17	-	10	2	66	25
Mobile home or trailer	7	7	-	-	3 and 4	59	27
HEATING EQUIPMENT				HEATING EQUIPMENT			
Control heating system	114	33	42	39	5 to 9	157	76
Other means	3	-	-	3	10 to 49	25	-
None	-	-	-	-	50 or more	-	-
PRICE ASKED				RENT ASKED			
Specified vacant for sale only housing units				Specified vacant for rent housing units			
Less than \$10,000	83	9	42	32	Less than \$100	396	165
\$10,000 to \$19,999	-	-	5	4	\$100 to \$149	61	16
\$20,000 to \$29,999	12	-	12	-	\$150 to \$199	37	25
\$30,000 to \$39,999	19	4	-	15	\$200 to \$249	90	32
\$40,000 to \$49,999	3	3	-	-	\$250 to \$299	145	47
\$50,000 to \$59,999	2	2	-	-	\$300 to \$399	4	4
\$60,000 to \$79,999	12	-	12	-	\$400 or more	50	41
\$80,000 to \$99,999	26	-	13	13	Median	9	-
\$100,000 or more	-	-	-	-	Median	\$205	\$210
Median	\$42 500	\$40 800	\$66 700	\$35 000	Median	\$205	\$222

Table C-13. Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Oshkosh city	Price asked—Specified vacant for sale only housing units						Rent asked—Specified vacant for rent housing units							
	Total	Less than \$10,000	\$10,000 to \$29,999	\$30,000 to \$49,999	\$50,000 to \$99,999	\$100,000 or more	Median (dollars)	Total	Less than \$100	\$100 to \$199	\$200 to \$299	\$300 to \$399	\$400 or more	Median (dollars)
Total	83	-	21	22	40	-	42 500	396	61	127	149	50	9	205
PLUMBING FACILITIES														
Complete plumbing for exclusive use	83	-	21	22	40	-	42 500	359	24	127	149	50	9	215
Lacking complete plumbing for exclusive use	-	-	-	-	-	-	-	37	37	-	-	-	-	68
BEDROOMS														
None	-	-	-	-	-	-	-	48	48	-	-	-	-	66
1	-	-	-	-	-	-	-	82	13	29	40	-	-	179
2	31	-	5	13	13	-	35 800	209	-	76	83	50	-	228
3	28	-	13	3	12	-	41 700	53	-	22	22	-	9	208
4	24	-	3	6	15	-	80 800	4	-	-	4	-	-	238
5 or more	-	-	-	-	-	-	-	-	-	-	-	-	-	-
YEAR STRUCTURE BUILT														
1975 to March 1980	38	-	-	-	38	-	85 400	59	-	-	-	50	9	329
1970 to 1974	-	-	-	-	-	-	-	32	-	-	32	-	-	233
1960 to 1969	3	-	-	3	-	-	37 500	81	-	-	81	-	-	235
1950 to 1959	5	-	-	3	2	-	44 200	8	-	8	-	-	-	155
1940 to 1949	-	-	-	-	-	-	-	27	-	21	6	-	-	166
1939 or earlier	37	-	21	16	-	-	26 500	189	61	98	30	-	-	146
UNITS IN STRUCTURE														
1, detached or attached	83	-	21	22	40	-	42 500	82	-	54	19	-	9	184
2 or more	307	61	73	123	50	-	214
Mobile home or trailer	7	-	-	7	-	-	238

Appendix A.—Area Classifications

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REGIONS

Regions are large groups of States that form the first-order subdivisions of the United States for census purposes. The four regions are the Northeast, North Central, South, and West.

STATES

The 50 States and the District of Columbia are the constituent units of the United States.

PLACES

Two types of places are recognized in the census reports—incorporated places and census designated places—as defined below. Places with a 1980 population below 50,000 are not shown in this report unless they are central cities of standard metropolitan statistical areas.

Incorporated Places

Incorporated places recognized in the reports of the census are those which are incorporated under the laws of their respective States as cities, boroughs, towns, and villages, with the following exceptions: boroughs in Alaska and New York, and towns in the six

New England States, New York, and Wisconsin.

Census Designated Places

As in the 1950, 1960, and 1970 censuses, the Census Bureau has delineated boundaries for closely settled population centers without corporate limits. In 1980, the name of each such place is followed by “(CDP),” meaning “census designated place.” In the 1970 and earlier censuses, these places were identified by “(U),” meaning “unincorporated place.”

Census designated place boundaries change with changes in the settlement pattern; a place which has the same name as in previous censuses does not necessarily have the same boundaries. Boundary outlines for CDP’s appear on the county subdivision maps in the HC80-1-A, *General Housing Characteristics*, reports for States. Detailed maps are available for purchase from the Census Bureau.

Eleven states, (Connecticut, Maine, Massachusetts, Michigan, New Hampshire, New York, New Jersey, Pennsylvania, Rhode Island, Vermont, and Wisconsin), contain towns or townships which are coextensive with census designated places (CDP’s). Data for these areas are not shown in the tables.

STANDARD METROPOLITAN STATISTICAL AREAS

Definition

The general concept of a metropolitan area is one of a large population nucleus, together with adjacent communities which have a high degree of economic and social integration with that nucleus. The standard metropolitan statistical area (SMSA) classification is a statistical standard, developed for use by Federal agencies in the production, analysis, and publication of data on metropolitan areas. The SMSA’s are designated and defined

by the Office of Management and Budget, following a set of official published standards developed by the interagency Federal Committee on Standard Metropolitan Statistical Areas.

Each SMSA has one or more central counties containing the area’s main population concentration: an urbanized area with at least 50,000 inhabitants. An SMSA may also include outlying counties which have close economic and social relationships with the central counties. The outlying counties must have a specified level of commuting to the central counties and must also meet certain standards regarding metropolitan character, such as population density, urban population, and population growth. In New England, SMSA’s are composed of cities and towns rather than whole counties.

The housing units in SMSA’s may also be referred to as the metropolitan housing and are subdivided into “inside central city (or cities)” and “outside central city (or cities).” The housing units outside SMSA’s constitute the non-metropolitan housing.

In the United States Summary report and the State reports, the data shown for “Central Cities of SMSA’s” are the sum of all central cities excluding any rural area and any legal area that is outside of a standard metropolitan statistical area. In the individual SMSA reports, the data shown for central cities and places of 50,000 or more inhabitants are for the legal definition of the city without regard to urban or SMSA restrictions.

SMSA Titles

Each SMSA except one (Nassau-Suffolk, N.Y.) has at least one central city. The titles of SMSA’s include up to three city names, as well as the name of each State into which the SMSA extends. For the 1980 census, central cities of SMSA’s are those named in the titles of the SMSA’s,

with the exception of Nassau-Suffolk, N.Y., which has no central city, and Northeast Pennsylvania, the central cities of which are Scranton, Wilkes-Barre, and Hazleton. Data on central cities of SMSA's include the entire population and housing within the legal city boundaries. In Hawaii where there are no incorporated places recognized by the Bureau of the Census, census designated places are recognized as central cities.

New SMSA Standards

New standards for designating and defining metropolitan statistical areas were published in the *Federal Register* on January 3, 1980. The SMSA's recognized for the 1980 census comprise (1) all areas as defined on January 1, 1980, except for one area which was defined provisionally during the 1970's on the

basis of population estimates but whose qualification was not confirmed by 1980 census counts; and (2) a group of 36 new areas defined on the basis of 1980 census counts and the new standards that were published on January 3, 1980.

When the data on commuting flows become available from 1980 census tabulations, the new standards will be applied to the areas existing on January 1, 1980, and the boundaries, definitions, and titles for all SMSA's will be reviewed.

To aid users who want to become familiar with the SMSA standards and how they are applied, documents are available from the Office of Management and Budget, Washington, D.C. 20503.

BOUNDARY CHANGES

The boundaries of some of the areas shown in this series of reports have

changed between an earlier census and January 1, 1980. Information on boundary changes for incorporated places is presented in table 4 of the 1980 Census of Population report, *Characteristics of the Population, Number of Inhabitants*, PC80-1-A. For information on boundary changes prior to 1970, see the *Number of Inhabitants* report for each census.

AREA MEASUREMENT

Area measurement figures for standard metropolitan statistical areas, central cities, and places of 50,000 inhabitants or more can be found in the 1980 Census of Population report, PC80-1-A1, United States Summary.

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determinant for the responses was, therefore, the questionnaire and its accompanying instruction guide. Furthermore, census takers were instructed, in their telephone and personal-visit interviews, to read the questions directly from the questionnaire. The definitions and explanations given below for each subject are drawn largely from various technical and procedural materials used in the collection of the data. These materials helped the census interviewers to understand more fully the intent of each question, and thus to resolve problems or unusual cases in a manner consistent with this intent. Also included is certain explanatory information to assist the user in the proper utilization of the statistics.

Facsimiles of the questionnaire pages containing the population and housing questions used to produce the data shown in this report and the pages of the respondent instruction guide which relate to these questions are presented in Appendix E, "Facsimiles of Respondent Instructions and Questionnaire Pages."

LIVING QUARTERS

Living quarters are classified in the census as either housing units or group quarters. Usually, living quarters are in structures intended for residential use (e.g., a one-family home, apartment house, hotel or motel, boarding house, mobile home or trailer). However, living quarters may also be in structures intended for non-residential use (e.g., the rooms in a warehouse where a night guard lives), as well as in boats, tents, vans, etc.

Housing Units—A housing unit is a house, an apartment, a group of rooms, or a single room occupied as a separate living quarters or, if vacant, intended for occupancy as a separate living quarters. Separate living quarters are those in which the occupants live and eat separately from

GENERAL

The 1980 census was conducted primarily through self-enumeration. The principal

any other persons in the building and which have direct access from the outside of the building or through a common hall. The occupants may be a single family, one person living alone, two or more families living together, or any other group of related or unrelated persons who share living arrangements (except as described in the next section on Group Quarters). For vacant units, the criteria of separateness and direct access are applied to the intended occupants whenever possible. If that information cannot be obtained, the criteria are applied to the previous occupants. Both occupied and vacant housing units are included in the housing unit inventory except that boats, tents, vans, caves, and the like are included only if they are occupied as someone's usual place of residence. Vacant mobile homes are included, provided they are intended for occupancy on the site where they stand. Vacant mobile homes on dealers' sales lots, at the factory, or in storage are excluded from the housing inventory.

Comparability With 1970 Census Housing Unit Data—Although the 1980 census data are generally comparable with 1970 census data, certain changes were introduced for 1980. The part of the 1970 housing unit definition that required a unit to have either (1) direct access or (2) complete kitchen facilities was modified. For 1980, the complete kitchen facilities alternative was dropped, and direct access was required of all housing units. In 1970, vacant mobile homes were not counted as housing units. For 1980, they were included in the housing inventory provided they were intended for occupancy on the site where they stood.

Group Quarters—Group quarters are any living quarters which are not classified as housing units. There are two types of group quarters: (1) institutional group quarters, and (2) noninstitutional group quarters. Institutional group quarters are living quarters occupied by one or more persons under care or custody, such as children in an orphanage, persons in a nursing home, and prisoners in a penitentiary. Noninstitutional group quarters include living quarters such as college-owned and/or operated dormitories, fraternity and sorority houses, nurses' dormitories, and boarding houses. In addition, noninstitutional group quarters include any living

quarters (other than those classified as institutional group quarters) which are occupied by 9 or more persons unrelated to the householder (person listed in column 1 of the census questionnaire), or by 10 or more unrelated persons. Information on the housing characteristics of group quarters was not collected in the census.

Comparability With 1970 Census Group Quarters Data—In 1970 a unit was classified as group quarters if it was shared by the person in charge and five or more persons unrelated to him or her, or if there was no person in charge, by six or more unrelated persons. For 1980 that requirement was raised to 9 or more persons unrelated to the person listed in column 1 of the census questionnaire or 10 or more unrelated persons.

Rules for Hotels, 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 who have no usual place of residence elsewhere. Vacant rooms or suites of rooms are classified as housing units only in those hotels 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.

Staff Living Quarters—The living quarters occupied by staff personnel within any group quarters are separate housing units if they satisfy the housing unit criteria of separateness and direct access; otherwise, they are considered as group quarters.

Year-Round Housing Units—Data on housing characteristics in the 1980 census reports are limited to year-round housing units; i.e., all occupied units plus vacant

units available or intended for year-round use. Vacant units intended for seasonal occupancy and vacant units held for migratory labor are excluded because of the difficulty of obtaining reliable data on their characteristics

OCCUPANCY AND VACANCY CHARACTERISTICS

Occupied Housing Units—A housing unit is classified as occupied if it is the usual place of residence of the person or group of persons living in it at the time of enumeration, or if the occupants are only temporarily absent; e.g., away on vacation. If all the persons staying in the unit at the time of the census have their usual place of residence elsewhere, the unit is classified as vacant. A household includes all the persons who occupy a housing unit as their usual place of residence. By definition, therefore, the number of occupied housing units equals the number of households in the 1980 Census of Population reports.

In this report the numbers shown for occupied housing units are estimates based on a sample. In some cases there may be small differences between figures on occupied housing units shown here and comparable figures on households in the Census of Population reports. These differences may result from processing procedures used to inflate the population and housing sample data.

Householder—One person in each household is designated as the "householder." In most cases, this is the person, or one of the persons, in whose name the home is owned or rented and who is listed in column 1 of the census questionnaire. If there is no such person in the household, any adult household member could be designated as the "householder."

Child—A child is a son, daughter, stepchild, or adopted child of the householder regardless of the child's age or marital status. The category excludes sons-in-law and daughters-in-law. In this report, those classified as "own children" are sons and daughters, including stepchildren and adopted children, of the householder who are single (never married) and under 18 years of age.

Nonrelative—A nonrelative is any person in the household not related to the householder by birth, marriage, or adoption. Roomers, boarders, partners, roommates, paid employees, wards, and foster children are classified as nonrelatives. This report shows the number of households with one or more nonrelatives present in the unit.

Age of Householder—The age classification is based on the age of the person in completed years as of April 1, 1980. The data on age represent the difference, as calculated in the computer, between date of birth and April 1, 1980.

Household Type—Statistics by age of householder are presented separately for the following household types:

Married-couple families. For each household of this type, the householder and his or her spouse are enumerated as members of the same household. This category includes couples in formal marriages as well as in common-law marriages.

Male householder, no wife present. This type includes any household maintained by a male, regardless of his marital status, provided no wife is present in the household. Included are male householders who have no wife; male householders whose wives live elsewhere because of separation (marital discord) or other reason; and male householders who are widowed, divorced, or single.

Female householder, no husband present. This type includes any household maintained by a female, regardless of her marital status, provided no husband is present in the household. Included are female householders who have no husband and female householders whose husbands live elsewhere, as, for example, husbands in the Armed Forces living on a military base and female householders who are widowed, divorced, or single.

This report presents data on selected characteristics for one-person households, separately for male and female householders.

Year Householder Moved Into Unit—Data presented for this item are based on the in-

formation reported for the householder and refer to the year of the latest move. If the householder moved back into a unit the person previously occupied, the year of the latest move was reported. If the householder moved from one apartment to another in the same building, the year the householder moved into the present apartment was reported. The intent is to establish the year the present occupancy by the householder began. The year in which a householder moved is not necessarily the same year as the year other members of the household moved, although in the majority of cases the entire household moved at the same time (see question H19 in appendix E).

Vacant Housing Units—A housing unit is vacant if no one is living in it at the time of enumeration, unless its occupants are only temporarily absent. Units temporarily occupied at the time of enumeration entirely by persons who have a usual residence elsewhere are also classified as vacant.

New 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 they are open to the elements; i.e., the roof, walls, windows, and/or doors no longer protect the interior from the elements, or if there is positive evidence (such as a sign on the house or in the 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 the storage of business supplies or inventory, machinery, or agricultural products.

Vacancy Status—The data on vacancy status were tabulated from responses to questionnaire item C (see item C in appendix E). The data presented in this report are for year-round housing units "Vacant for sale only" and "Vacant for rent."

For sale only. Vacant year-round units being offered "For sale only," including individual units in cooperatives and condominium projects if the individual units are offered "For sale only."

For rent. Vacant year-round units offered "For rent," and vacant units offered either for rent or for sale.

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 unit to the date of enumeration (see item D in appendix E). The data, therefore, do not provide a direct measure of the total length of time units remain 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 conversion or merger was completed.

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. All other occupied units are classified as "Renter occupied," including units rented for cash rent and those occupied without payment of cash rent (see question H8 in appendix E).

Condominium Housing Units—A condominium involves ownership that enables a person to own an apartment or house in a development of similar units and to hold a common or joint ownership in common areas, hallways, entrances, elevators, etc. The owner has a deed to the individual unit, and, very likely, a mortgage on the unit. A condominium housing unit need not be occupied by the owner to be counted as such (see question H9 in appendix E).

Comparability With 1970 Census Condominium Housing Unit Data—In 1970, owner-occupied cooperatives and condominium housing units were identified together. The 1980 census identifies only condominium housing units. The 1980 question provides data on vacant and renter-occupied condominium housing units, not just owner-occupied condominium housing units as in 1970.

Race of the Householder—The data on race of the householder were derived from the answer to question 4, for the person listed in column 1 of the census questionnaire (see appendix E). The concept of race as used by the Census Bureau reflects self-identification by respondents; it does not denote any clear-cut scientific definition of biological stock. Since the 1980 census obtained information on race through self-identification, the data represent self-classification by people according

to the race with which they identify. In this report, data are presented for housing units classified by the race of the householder.

For persons who could not provide a single response to the race question, the race of the person's mother was used; if, however, a single response could not be provided for the person's mother, the first race reported by the person was used. This is a modification of the 1970 census procedure in which the race of the person's father was used.

The category "White" includes persons who indicated their race as White, as well as persons who did not classify themselves in one of the specific race categories listed on the questionnaire but entered a response such as Canadian, German, Italian, Lebanese, or Polish. In the 1980 census, persons who did not classify themselves in one of the specific race categories but marked "Other" and/or wrote in entries such as Cuban, Puerto Rican, Mexican, or Dominican were included in the "Other" race category. In the 1970 census, most of these persons were included in the "White" category.

The category "Black" includes persons who indicated their race as Black or Negro, as well as persons who did not classify themselves in one of the specific race categories listed in the questionnaire but reported entries such as Jamaican, Black Puerto Rican, West Indian, Haitian, or Nigerian.

The category "American Indian, Eskimo, or Aleut" includes persons who classified themselves as such in one of the specific race categories. In addition, persons who did not report themselves in one of the specific race categories but entered the name of an Indian tribe or wrote in such entries as Canadian Indian, French-American Indian, or Spanish-American Indian were classified as "American Indian."

The category "Asian or Pacific Islander" includes persons who indicated their race as Chinese, Filipino, Japanese, Asian Indian, Korean, Vietnamese, Hawaiian, Samoan, and Guamanian, as well as persons who provided write-in entries of Asian and Pacific Islander groups such as Cambodian, Laotian, Pakistani, or Fijian under the "Other" race category. Also, persons who did not classify themselves in one of the specific race categories but wrote in an entry indicating one of the nine specific categories listed above (e.g., Chinese or Filipino) were classified accordingly. For example, entries of Nipponese and

Japanese American were classified as Japanese, entries of Taiwanese and Cantonese as Chinese, etc. "Race, n.e.c." includes all other persons not in the categories "White," "Black," "American Indian, Eskimo, or Aleut," and "Asian or Pacific Islander." Persons reporting in the "Other" race category and providing write-in entries such as Eurasian, Cosmopolitan, Interracial, or a Spanish origin group (e.g., Mexican, Cuban, or Puerto Rican) were included in "Race, n.e.c."

If the race entry for the householder was missing on the questionnaire, an answer was assigned in the computer according to the reported entries of race of other household members using specific rules of precedence of household relationship. If race was not entered for anyone in the household (excluding paid employees), the race of a householder in a previously processed household was assigned. This procedure is a variation of the general allocation process described in Appendix D, "Accuracy of the Data."

Comparability Between Sample and 100-Percent Data for Race of the Householder

Estimates of the number of householders by race shown in this report may differ from complete count figures shown in other 1980 census reports. Such differences are the result of sampling variability, nonsampling error, and an additional edit and review performed on the sample questionnaires. Sampling variability and nonsampling error are explained in Appendix D, "Accuracy of the Data." The effect of the additional edit and review procedures varies substantially by racial group and geographic area but is generally negligible. A discussion of these procedures may be found in Series HC80-1-B, *Detailed Housing Characteristics*, and PC80-1-C, *Social and Economic Characteristics of the Population*.

Comparability With 1970 Census Data on Race of the Householder

Differences in census procedures and reporting by respondents in the 1980 census and 1970 census seriously affect the comparability for certain race groups. First, a large number of Spanish origin persons reported their race differently in the 1980 census than in the 1970 census. This difference in reporting has a substantial impact on the population totals and

comparability for the "White" population and the "Race, n.e.c." or "Other" race populations (shown as "All other races" in most 1970 publications). A much larger proportion of the Spanish origin population in 1980 than in 1970 reported their race in the questionnaire category "Other." Second, in 1970, most persons who marked the "Other" race category and wrote in a Spanish designation such as Mexican, Venezuelan, Latino, etc., were reclassified as "White." In 1980, such persons were not reclassified but remained in the "Other" race category. As a result of this procedural change and the differences in reporting by this population, the proportion of the Spanish origin population classified as "Other" race in the 1980 census was substantially higher than that in the 1970 census. Nationally in 1970, only 1 percent of the Spanish origin persons were classified as "Other" race and 93 percent as "White." The 1980 census sample data showed a much larger proportion—38 percent—of the Spanish origin persons reported their race as "Other" and only 58 percent reported "White." As a consequence of these differences, 1980 householder totals for "White" and "Race, n.e.c." are not comparable with corresponding 1970 figures.

The 1980 census was the first in which data were collected separately for Eskimos and Aleuts in all States. In 1970, these data were available only for Alaska. Since Eskimos and Aleuts are highly concentrated in Alaska, these changes do not seriously affect the comparability of 1980 and 1970 data for these racial groups at the national level.

The 1980 total for the Asian and Pacific Islander population reflects a high level of immigration during the 1970's as well as a number of changes in census procedures which were developed, in part, as a result of this high level of immigration. First, the number of Asian and Pacific Islander categories listed separately on the 1980 census questionnaire was expanded over that in 1970 to include four additional groups: Vietnamese, Asian Indian, Guamanian, and Samoan. Asian Indians were classified as "White" in 1970 but were included in the "Asian and Pacific Islander" category in 1980. The Vietnamese, Guamanian, and Samoan populations were included in the "Other" race

category in the 1970 census but were included in the "Asian and Pacific Islander" category in 1980. Second, "Other Asian and Pacific Islander" groups such as Cambodian, Laotian, Pakistani, and Fijian were identified and tabulated as Asian and Pacific Islander in sample tabulations in the 1980 census; in 1970, most of these groups were included in the "Other" race category.

In 1980, data were collected separately for Hawaiians and Koreans in all States, but in 1970 data for the two groups were not collected for Alaska. (On the 1970 census questionnaire used in Alaska, Eskimo and Aleut were substituted for these two categories.) Since the numbers of Hawaiians and Koreans were small in Alaska, this questionnaire change does not have a major impact on the comparability of the 1980 and 1970 data for Hawaiians and Koreans at the national level.

Spanish/Hispanic Origin of the Householder—The data on Spanish/Hispanic origin or descent of householder were derived from answers to question 7, for the person listed in column 1 of the census questionnaire (see appendix E).

Persons of Spanish/Hispanic origin or descent are those who reported either Mexican, Puerto Rican, Cuban, or other Spanish/Hispanic origin in question 7. Persons who reported "Other Spanish/Hispanic" origin are those whose origin is from Spain or the Spanish-speaking countries of Central or South America, or they are persons identifying their origin or descent as being Spanish, Spanish-American, Hispano, Latino, etc. Origin or descent can be regarded as the ancestry, nationality group, lineage, or country in which the person or person's parents or ancestors were born before their arrival in the United States. It is important to note that persons of Spanish origin may be of any race. In this report, data are presented for housing units classified by the Spanish origin of the householder.

Persons of more than one Spanish origin and persons of both a Spanish and another origin who were in doubt as to how to report a specific origin were classified according to the origin of the person's mother. If a single origin could not be provided for the person's mother, the first origin reported by the person was recorded.

If the householder failed to respond to the Spanish/Hispanic origin question, a response was assigned by computer in the

sample edit operation according to available related information such as ancestry and place of birth reported for the householder. If such information was not reported, origin was assigned from entries of other household members using specific rules of precedence of household relationship. If no origin was reported for any household member (excluding a paid employee), then an origin was assigned from another household with a householder of the same race. This procedure is a variation of the general allocation process described in appendix D, "Accuracy of the Data."

Limitations of the Data on Householders of Spanish/Hispanic Origin—A preliminary evaluation study of the reporting in the 1980 census item on Spanish origin indicated that there was misreporting in the Mexican origin category by White and Black persons in certain areas. The study results showed evidence that the misreporting occurred mainly in the South (excluding Texas), the Northeast (excluding the New York City area), and a few States in the North Central Region. Also, results based on available data suggest that the impact of potential misreporting of Mexican origin in the 1980 census is severe in those portions of the above-mentioned regions where the Spanish origin population is generally sparse. However, 1980 census data on the Mexican origin population or total Spanish origin population, at the national level, are not seriously affected by the reporting problem. For a more detailed discussion of the evaluation of the Spanish origin item, see the 1980 Population Census Supplementary reports, Series PC80-S1-7, "Persons of Spanish Origin by State: 1980."

Comparability Between Sample and 100-Percent Data on Householders of Spanish/Hispanic Origin—The data on householders of Spanish origin shown in this report may differ from comparable figures shown in other 1980 census reports. Such differences are the result of sampling variability, nonsampling error, and more extensive edit procedures performed for the Spanish origin item on the sample questionnaires. The data in this report are based on a sample, whereas certain other reports (e.g., the HC80-1-A series) present data based on 100-percent tabulations. Sample data are subject to sampling variability, as explained in appendix D, "Accuracy of the Data."

Information now available indicates that, since the effects of the more extensive edit were generally limited, the 100-percent tabulations are usually the preferable source for data on householders of Spanish origin. That is, in the case of figures available for Spanish origin groups, both in this report and for corresponding areas in the HC80-1-A report, the latter source is usually the preferred one. In the case of distributions for subjects covered only on a sample basis (e.g., units in structure, mortgage status and selected monthly owner costs, gross rent, etc.), the sample figures are the only data available and should be used within the context of the sampling variability associated with them.

Comparability With 1970 Census Data on Householders of Spanish Origin and Householders of Spanish Heritage—The 1980 census figures on householders of Spanish origin are not directly comparable with the 1970 census data on householders of Spanish origin because of a number of factors; namely, overall improvements in the 1980 census, better coverage of the population, improved question design, and an effective public relations campaign by the Census Bureau with the assistance of national and community ethnic groups. These efforts at census improvements explain, in part, the large increase in the number of Hispanics over 1970. Also, these efforts undoubtedly resulted in the inclusion of a sizable but unknown number of persons of Spanish/Hispanic origin who are in the country in other than legal status.

In the 1980 census Spanish origin question, specific changes in design from the 1970 question included the placement of the category "No (not Spanish/Hispanic)" as the first category in that question. (The corresponding category appeared last in the 1970 question.) Also, the 1970 category "Central or South American" was deleted from the 1980 question because in 1970 some respondents misinterpreted the category. Furthermore, the designations "Mexican-American" and "Chicano" were added to the Spanish origin question in 1980. In the 1970 census, the question on Spanish origin was asked of only a 5-percent sample of the population; in the 1980 census, the Spanish origin question was asked of everyone in the Nation.

The 1970 Census *Metropolitan Housing Characteristics* reports present data on housing units occupied by householders of Spanish heritage. In the 1970 census, the

category Spanish heritage was created to consolidate data for Spanish ancestry persons in various parts of the United States. The Spanish heritage population, therefore, was specifically termed when reference was made to particular areas. For example, in five southwestern States (Arizona, California, Colorado, New Mexico, and Texas) the population of Spanish heritage was specified as the population of Spanish language or surname; in three mid-Atlantic States (New York, New Jersey, and Pennsylvania), as the population of Puerto Rican birth or parentage; and in the remaining 42 States and the District of Columbia, as the population of Spanish language. The information for the population of Spanish heritage was obtained from the 15-percent sample of the census questionnaires. Data for this group of householders are not comparable to the 1980 census data on householders of Spanish origin which were based only on responses to the specific census question on Spanish/Hispanic origin for the person listed in column 1 of the census questionnaire.

UTILIZATION CHARACTERISTICS

Persons—All persons occupying the housing unit are included. These persons include not only occupants related to the householder but also any lodgers, roomers, boarders, partners, roommates, wards, foster children, and resident employees who share the living quarters of the householder. The data on "Persons in unit" show the number of housing units occupied by the specified number of persons. "Total persons" is the total number of persons living in the housing units in the particular category.

Rooms—The statistics on "Rooms" are in terms of the number of housing units with a specified number of rooms (see question H7 in appendix E). The intent of this question is to count the number of whole rooms used for living purposes. For each unit they include living rooms, dining rooms, kitchens, bedrooms, finished recreation rooms, enclosed porches suitable for year-round use, and lodger's rooms. Excluded are strip or pullman kitchens, bathrooms, open porches, balconies, halls, half-rooms, utility rooms, unfinished attics or basements, or other unfinished space used for storage. A partially divided room is a separate room only if there is a partition from floor to ceiling.

Persons Per Room—"Persons per room" is a derived measure obtained by dividing the

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

Bedrooms—The number of "Bedrooms" in the 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 sofa 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 (see question H24 in appendix E).

STRUCTURAL CHARACTERISTICS

Year Structure Built—"Year structure built" refers to when the building was first constructed, not when it was remodeled, added to, or converted. For a houseboat or mobile home or trailer, the manufacturer's model year is assumed to be the year built. The figures shown in this report relate to the number of units in structures built during the specified periods and in existence at the time of enumeration (see question H18 in appendix E).

Units in Structure—A structure is a separate building that either has open space on all sides or is separated from other structures by dividing walls that extend from ground to roof. In the determination of the number of units in a structure, all housing 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 buildings. The category "Mobile home or trailer, etc." includes mobile homes, trailers, boats, tents, vans, etc. (see question H13 in appendix E).

Stories in Structure—The count of stories (floors) in structure includes basements or attics if these contain finished rooms for living purposes (see question H14a in appendix E).

Passenger Elevator—Statistics on elevator in structure are presented for housing units in structures with four or more stories or floors. If the housing units in structures with four or

more stories have an elevator used only for freight, the units are not included in the category "With elevator" (see question H14b in appendix E).

PLUMBING CHARACTERISTICS

Plumbing Facilities—The category "Complete plumbing for exclusive use" consists of units which have hot and cold piped water, a flush toilet, and a bathtub or shower inside the housing unit for the exclusive use of the occupants of the unit. "Lacking complete plumbing for exclusive use" includes those conditions when (1) all three specified plumbing facilities are present inside the unit, but are also used by another household; (2) some but not all the facilities are present; or (3) none of the three specified plumbing facilities is present (see question H6 in appendix E).

Comparability With 1970 Census Plumbing Facilities Data—In 1970, there were separate questions on the presence of hot and cold piped water, a bathtub or shower, and a flush toilet. For 1980, these three items were combined into a single question on plumbing facilities. In addition, the facilities must be inside the housing unit rather than inside the structure as in 1970.

EQUIPMENT AND FUELS

Heating Equipment—Respondents were asked to report the type of heating equipment used as the primary source of heat for their housing unit. The categories shown in the report are: (1) steam or hot water system; (2) central warm-air furnace or electric heat pump; (3) other built-in electric units; (4) floor, wall, or pipeless furnace; and (5) other means. "Other means" includes room heaters with flue or vent that burn gas, oil, or kerosene; nonportable room heaters without flue or vent that burn gas, oil, or kerosene; and fireplaces, stoves, or portable room heaters of any kind that can be picked up and moved. A central heating system includes types (1) through (4) listed above. For vacant units which have had the heating equipment removed, the kind of equipment used by the previous occupants is considered to be the heating equipment for the unit (see question H20 in appendix E).

Comparability With 1970 Census Heating Equipment Data—In 1970, central

heat pumps were included as part of the category "Warm-air furnace" and individual room heat pumps were included in the category "Built-in electric units." In 1980, heat pumps have been combined and are included in this report in the category "Central warm-air furnace or electric heat pump."

Air Conditioning—"Air conditioning" is defined as the cooling of air by a refrigeration unit. It does not include evaporative coolers, fans, or blowers which are not connected to a refrigeration unit; however, it does include heat pumps. A central system is an installation which air conditions a number of rooms. In an apartment building, such a 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 system with individual room controls is a central system. A room unit is an individual air conditioner which is installed in a window or an outside wall and is generally intended to cool one room, although it may sometimes be used to cool more than one room (see question H27 in appendix E).

Vehicles Available—Data for this item refer to the number of households with vehicles available at home for the use of the members of the household. Included in this item are passenger cars, pickup trucks, small panel trucks of one-ton capacity or less, as well as station wagons, company cars, and taxicabs kept at home for use of household members. Cars rented or leased for 1 month or more; police and government cars kept at home; and company vans and trucks of 1-ton capacity or less are also included if kept at home and used for nonbusiness purposes. Dismantled cars, immobile cars used as a source of power for some piece of machinery, and cars, vans, and trucks kept at home but used only for business purposes are excluded. The statistics do not reflect the number of vehicles privately owned or the number of households owning vehicles (see questions H28 and H29 in appendix E).

Comparability With 1970 Census Automobiles Available Data—In 1970, only data on the number of households with automobiles which were owned or regularly used by members of the household were obtained. Taxicabs, pickups, or large trucks were not counted. In 1980, the data on automobiles available include taxicabs if kept at home for use of household members but exclude pickups or larger trucks. Separate

data were obtained in 1980 on the number of housing units with vans or trucks of 1-ton capacity or less kept at home for use of members of the household.

Fuels Used for House Heating and Water Heating—"Utility gas" is gas piped through underground pipes from a central system that serves the neighborhood. "Bottled, tank, or LP gas" is stored in tanks which are refilled or exchanged when empty. "Fuel oil, kerosene, etc." includes fuel oil, kerosene, gasoline, alcohol, and other combustible liquids. For data on house heating fuel, the category "Other" includes any other fuel such as purchased steam, coal dust, briquettes made of pitch and sawdust, waste materials such as corn cobs, etc. For data on water heating fuel, the category "Other" also includes coal or coke, and wood (see question H21 in appendix E).

FINANCIAL CHARACTERISTICS

Value—Value is the respondent's estimate of how much the property (house and lot) would sell for, if it were for sale (see question H11 in appendix E).

Value is tabulated for certain kinds of housing units. Value statistics are presented for "Specified owner-occupied" housing units. These "specified" housing units include only one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The data exclude owner-occupied condominium housing units, mobile homes, trailers, boats, tents, or vans occupied as a usual residence, as well as owner-occupied noncondominium units in multi-family buildings. The "Specified owner-occupied" universes are the same for the value tabulation and the mortgage status and selected monthly owner costs tabulation.

Price Asked—For vacant for sale only housing units, the price asked is the amount asked for the property at the time of enumeration. The statistics on price asked are shown for "Specified vacant for sale only" housing units, which include vacant for sale only one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The data also exclude condominium units and mobile homes.

Mortgage Status and Selected Monthly Owner Costs—The data are presented for "Specified owner-occupied" housing units. These "specified" housing units include only

one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The data exclude owner-occupied condominium housing units, mobile homes, trailers, boats, tents, or vans occupied as a usual residence, as well as owner-occupied noncondominium units in multi-family buildings. Separate distributions of owner costs are shown for units "With a mortgage" and for units "Not mortgaged." Selected monthly owner costs is the sum of payments for mortgages, deeds of trust, or similar debts on the property; real estate taxes; fire and hazard insurance on the property; utilities (electricity, gas, and water); and fuels (oil, coal, kerosene, wood, etc.) (see questions H30, H31, and H32 in appendix E).

Mortgage Status and Selected Monthly Owner Costs as a Percentage of Household Income in 1979—Selected monthly housing costs is expressed as a percentage of monthly household income (total household income in 1979 divided by 12). The percentage is presented for the same owner-occupied units for which selected monthly owner costs was tabulated; thus, the statistics reflect the exclusion of certain owner-occupied units. The percentage was computed separately for each unit and was rounded to the nearest whole number. Units occupied by households that reported no income or a net loss comprise the category "Not computed."

Rent—The statistics on rent are tabulated for "Specified renter-occupied" housing units and for "Specified vacant for rent" housing units which include renter units except one-family houses on 10 or more acres. Respondents were asked to report rent only for the housing unit enumerated and to exclude any rent paid for additional units or for business premises. Renter units occupied without payment of cash rent are shown separately as "No cash rent" in the rent tabulations.

Contract Rent. "Contract rent" is the monthly rent agreed to, or contracted for, regardless of any furnishings, utilities, or services that may be included (see question H12 in appendix E).

Gross Rent. The computed rent termed "Gross rent" is the contract rent plus the estimated average monthly cost of utilities (electricity, gas, and water) and fuels (oil, coal, kerosene, wood, etc.) if these are

paid for by the renter (or paid for the renter by someone else) in addition to rent. Gross rent is intended to eliminate differentials which result from varying practices with respect to the inclusion of utilities and fuels as part of the rental payment. The estimated costs of water and fuels are reported on a yearly basis but are converted to monthly figures in the computation process (see questions H12 and H22 in appendix E).

Rent Asked. For "Specified vacant for rent" housing units, the rent asked is the amount asked for the rental of the unit at the time of enumeration.

Gross Rent as a Percentage of Household Income in 1979—Monthly gross rent is expressed as a percentage of monthly household income (total household income in 1979 divided by 12). The percentage is presented for the same renter-occupied units for which gross rent was tabulated; thus, the statistics reflect the exclusion of certain renter-occupied units. The percentage was computed separately for each unit and was rounded to the nearest whole number. Units for which no cash rent is paid and units occupied by households that reported no income or a net loss comprise the category "Not computed."

Household Income in 1979—Household income is the sum of the money income of all persons 15 years old and over occupying the housing unit, including persons not related to the householder. Data on income are based on money income received in the calendar year 1979. Income is the algebraic sum of the amounts reported separately for wage and salary income; nonfarm net self-employment income; farm net self-employment income; interest, dividend, net rental or royalty income; Social Security or Railroad Retirement income; public assistance or welfare income; and all other income. The figures represent the amount of income received before deductions for personal income taxes, Social Security, bond purchases, union dues, medicare deductions, etc.

Receipts from the following sources were not included as income: money received from the sale of property (unless the recipient was engaged in the business of selling such property); the value of income "in kind" from food stamps, public housing subsidies, medical care, employer's contributions for pensions, etc.; withdrawal of bank deposits; money borrowed; tax refunds; exchange of money between relatives living in the same household; gifts and lump-sum inheritances, insurance payments, and other types of lump-sum receipts.

Although the income statistics cover the calendar year 1979, the composition of households refers to the time of enumeration (April 1, 1980). However, the composition of most households was the same during 1979 as in April 1980. There may be differences between the data on household income in 1979 in this report and similar data shown in the reports, *Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas*, PHC80-3, and in the Supplementary Reports, *Advance Estimates of Social, Economic, and Housing Characteristics*, PHC80-S2. Any such differences are a result of errors in the income data which were corrected after the release of the PHC80-3 and the PHC80-S2 reports.

Median Income—The median income values presented in this report are computed on the basis of more detailed income intervals than shown in the tables. Median income figures of \$30,000 or less are generally calculated using linear interpolation; all other median income amounts are derived through pareto interpolation.

Comparability With 1970 Census Income Data—In 1970, the statistics on income presented in Series HC80-2, *Metropolitan Housing Characteristics* reports related to the income of the family or primary individual occupying the housing unit; that is, the sum of the income of the head of the family and all other members of the family 14 years old and over or the income of the primary individual. Income of persons living in

the unit but not related to the head of household was not included. In 1980, the statistics on income relate to the income of the household; that is, the sum of the income of all persons 15 years old and over occupying a housing unit, including persons not related to the householder.

A discussion on comparability of income data from other sources including earlier censuses may be found in the 1980 Census of Population reports, *General Social and Economic Characteristics*, PC80-1-C.

Poverty Status in 1979—Households are classified below the poverty level when the total 1979 income of the family or of the non-family householder is below the appropriate poverty threshold. The income of persons living in the household who are unrelated to the householder is not considered when determining the poverty status of a household. The poverty thresholds vary depending upon three criteria: size of family, number of children, and age of the family householder or unrelated individual. The criteria used in the 1980 census differ slightly from those used in the 1970 census, which took into account the same three factors as well as sex of the family householder or unrelated individual and farm-nonfarm residence. In addition, for the 1980 census the thresholds by size of family were extended from seven or more persons to nine or more persons. The income cutoffs are updated each year to reflect the change in the Consumer Price Index. A more detailed explanation of the poverty definition may be found in the 1980 Census of Population reports, *General Social and Economic Characteristics*, PC80-1-C.

There may be slight differences between the data on poverty status in 1979 in this report and similar data shown in the reports, *Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas*, PHC80-3, and in the Supplementary Reports, *Advance Estimates of Social, Economic, and Housing Characteristics*, PHC80-S2. Any such differences are a result of errors in the income data which were corrected after the release of the PHC80-3 and the PHC80-S2 reports.

Appendix B.—Definitions and Explanations of Subject Characteristics

Thresholds at the Poverty Level in 1979 by Size of Family and Number of Related Children Under 18 Years

(Figures in dollars. For meaning of symbols, see Introduction)

Size of Family Unit	Weighted average thresholds	Related children under 18 years								
		None	1	2	3	4	5	6	7	8 or more
1 person (unrelated individual).....	3,686	3,686	...	...	...	...	...	...	...	...
Under 65 years.....	3,774	3,774	...	...	...	...	...	...	...	...
65 years and over.....	3,479	3,479	...	...	...	...	...	...	...	...
2 persons.....	4,723	4,723	...	...	...	...	...	...	...	...
Householder under 65 years.....	4,876	4,858	5,000	...	...	...	...	...	...	...
Householder 65 years and over.....	4,389	4,385	4,981	...	...	...	...	...	...	...
3 persons.....	5,787	5,674	5,839	5,844	...	...	...	...	...	...
4 persons.....	7,412	7,482	7,605	7,356	7,382	...	...	...	...	...
5 persons.....	8,776	9,023	9,154	8,874	8,657	8,525	...	...	...	...
6 persons.....	9,915	10,378	10,419	10,205	9,999	9,693	9,512	...	...	...
7 persons.....	11,237	11,941	12,016	11,759	11,580	11,246	10,857	10,429	...	...
8 persons.....	12,484	13,356	13,473	13,231	13,018	12,717	12,334	11,936	11,835	...
9 or more persons.....	14,812	16,066	16,144	15,929	15,749	15,453	15,046	14,677	14,586	14,024

Appendix C.—General Enumeration and Processing Procedures

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USUAL PLACE OF RESIDENCE

In accordance with census practice dating back to the first U.S. census in 1790, each person enumerated in the 1980 census was counted as an inhabitant of his or her "usual place of residence," which is generally construed to mean the place where the person lives and sleeps most of the time. This place is not necessarily the same as the person's legal residence or voting residence. In the vast majority of cases, however, the use of these different bases of classification would produce substantially the same statistics, although there might be appreciable differences for a few areas.

The implementation of this practice has resulted in the establishment of residence rules for certain categories of persons whose usual place of residence is not immediately apparent. Furthermore, this practice means that persons were not always counted as residents of the place where they happened to be staying on Census Day (April 1). Persons without a usual place of residence, however, were counted where they happened to be staying.

Armed Forces

Members of the Armed Forces living on a military installation were counted, as in every previous census, as residents of the area in which the installation was located; members of the Armed Forces not living on a military installation were counted as residents of the area in which

they were living. Family members of Armed Forces personnel were counted where they were living on Census Day (i.e., with the Armed Forces personnel or at another location, as the case might be).

Each Navy ship was attributed to the municipality that the Department of the Navy designated as its homeport, except for those ships which were deployed to the 6th or 7th Fleet on Census Day. As was done in the 1970 census, naval personnel aboard deployed ships were defined in the 1980 census as part of the overseas population, because deployment to the 6th or 7th Fleet implies a long-term overseas assignment.

In homeports with fewer than 1,000 naval personnel assigned to ships, the crews were counted aboard the ship. In homeports with 1,000 or more naval personnel assigned to ships, the naval personnel who indicated that they had a usual residence within 50 miles of the homeport of their ship were attributed to that residence.

When a homeport designated by the Navy was contained in more than one municipality, ships homeported and berthed there on Census Day were assigned by the Bureau of the Census to the municipality in which the land immediately adjacent to the dock or pier was actually located. Other ships attributed by the Navy to that homeport, but which were not physically present and not deployed to the 6th or 7th Fleet on Census Day, were allocated to the municipality named on the Navy's homeport list.

Crews of Merchant Vessels

Shipboard Census Reports were mailed to crews of merchant vessels through the ships' respective owner-operators based on lists of U.S. flag merchant vessels obtained from the Maritime Administration, U.S. Department of Commerce.

If the ship was berthed in a U.S. port on Census Day, the crew was enumerated as of that port. If the ship was

not berthed in a U.S. port but was inside the territorial waters of the United States, the crew was enumerated as of (a) the port of destination if that port was inside the United States or (b) the homeport of the ship if its port of destination was outside the United States. Crews of U.S. flag vessels which were outside U.S. territorial waters on Census Day and crews of vessels flying a foreign flag were not enumerated in the 1980 census.

Persons Away at School

College students were counted as residents of the area in which they were living while attending college, as they have been since 1950. However, children in boarding schools below the college level were counted at their parental home.

Persons in Institutions

Inmates of institutions, who ordinarily live there for considerable periods of time, were counted as residents of the area where the institution was located. Patients in short-term wards (general, maternity, etc.) of hospitals were counted at their usual place of residence; if they had no usual place of residence, they were counted at the hospital.

Persons Away From Their Residence on Census Day

Persons in hotels, motels, etc., on the night of March 31, 1980, were requested to fill out a census form for assignment of their census information back to their homes if they indicated that no one was at home to report them in the census. A similar approach was used for persons visiting in private residences, as well as for Americans who left the United States during March 1980 via major intercontinental air or ship carriers for temporary travel abroad. In addition, information on persons away from their usual place of residence was obtained from other members of their families, resident managers, neighbors, etc. If an entire household was expected to be

away during the whole period of the enumeration, information on that household was obtained from neighbors. A matching process was used to eliminate duplicate reports for persons who reported for themselves while away from their usual residence and who were also reported at this usual residence by someone else.

A special enumeration was conducted in such facilities as missions, flophouses, jails, detention centers, etc., on the night of April 6, 1980, and persons enumerated therein were counted as residents of the area in which the establishment was located.

Americans Abroad

Americans who were overseas for an extended period (in the Armed Forces, working at civilian jobs, studying in foreign universities, etc.) were not included in the population of any State or the District of Columbia. On the other hand, Americans who were temporarily abroad on vacations, business trips, and the like were counted at their usual residence in the United States.

Citizens of Foreign Countries

Citizens of foreign countries having their usual residence (legally or illegally) in the United States on Census Day, including those working here (but not living at an embassy, ministry, legation, chancellery, or consulate) and those attending school (but not living at an embassy, etc.), were included in the enumeration, as were members of their families living with them. However, citizens of foreign countries temporarily visiting or traveling in the United States or living on the premises of an embassy, etc., were not enumerated in the 1980 census.

DATA COLLECTION PROCEDURES

The 1980 census was conducted primarily through self-enumeration. A census questionnaire was delivered by postal carriers to every housing unit several days before Census Day, April 1, 1980. This questionnaire included explanatory information and was accompanied by an instruction guide. Spanish-language versions of the questionnaire and instruction guide were available on request. The questionnaire

was also available in narrative translation in 32 languages.

In most areas of the United States, altogether containing about 95 percent of the population, the householder was requested to fill out and mail back the questionnaire on Census Day. Approximately 83 percent of these households returned their forms by mail. Households that did not mail back a form and vacant housing units were visited by an enumerator. Households that returned a form with incomplete or inconsistent information that exceeded a specified tolerance were contacted by telephone or, if necessary, by a personal visit, to obtain the missing information.

In the remaining (mostly sparsely settled) area of the country, which contained about 5 percent of the population, the householder was requested to fill out the questionnaire and hold it until visited by an enumerator. Incomplete and unfilled forms were completed by interview during the enumerator's visit. Vacant units were enumerated by a personal visit and observation.

Each housing unit in the country received one of two versions of the census questionnaire: a short-form questionnaire containing a limited number of basic population and housing questions or a long-form questionnaire containing these basic questions as well as a number of additional questions. A sampling procedure was used to determine those units which were to receive the long-form questionnaire. Two sampling rates were employed. For most of the country, one in every six housing units (about 17 percent) received the long form or sample questionnaire; in counties, incorporated places and minor civil divisions estimated to have fewer than 2,500 inhabitants, every other housing unit (50 percent) received the sample questionnaire to enhance the reliability of sample data in small areas.

Special questionnaires were used for the enumeration of persons in group quarters such as colleges and universities, hospitals, prisons, military installations, and ships. These forms contained the population questions but did not include any housing questions. In addition to the regular census questionnaires, the Supplementary Questionnaire for American Indians was used in conjunction with the short form on Federal and State reservations and in the historic areas of

Oklahoma (excluding urbanized areas) for households that had at least one American Indian, Eskimo, or Aleut household member.

PROCESSING PROCEDURES

The 1980 census questionnaires were processed in a manner similar to that for the 1970 and 1960 censuses. They were designed to be processed electronically by the Film Optical Sensing Device for Input to Computer (FOSDIC). For most items on the questionnaire, the information supplied by the respondent or obtained by the enumerator was indicated by marking the answers in predesignated positions that would be "read" by FOSDIC from a microfilm copy of the questionnaire and transferred onto computer tape with no intervening manual processing. The computer tape did not include information on individual names and addresses.

The data processing was performed in two stages. For 100-percent data, all short forms, and pages 2 and 3 of the long forms (which have the same questions as the short form), were microfilmed, "read" by FOSDIC, and transferred onto computer tape for tabulation. For the sample data, the long form (or sample) questionnaires were processed through manual coding operations since some questions required the respondent to provide write-in entries which could not be read by FOSDIC. Census Bureau coders assigned alphabetical or numerical codes to the write-in answers in FOSDIC readable code boxes on each questionnaire. After all coding was completed, the long forms were microfilmed, and the film was "read" by FOSDIC and transferred onto computer tape.

The tape containing the information from the questionnaires was processed on the Census Bureau's computers through a number of editing and tabulation steps. Among the products of this operation were computer tapes from which the tables in this report (and most others in the 1980 census publications) were prepared on phototypesetting equipment at the Government Printing Office.

A more detailed description of the data collection and processing procedures can be obtained from the 1980 Census of Population and Housing, *Users' Guide*, PHC80-R1.

Appendix D.—Accuracy of the Data

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INTRODUCTION

The data presented in this publication are based on the 1980 census sample. The data are estimates of the actual figures that would have resulted from a complete count. Estimates can be expected to vary from the complete count result because they are subject to two basic types of error—sampling and nonsampling. The sampling error in the data arises from the selection of persons and housing units to be included in the sample. The nonsampling error is the result of all other errors that may occur during the collection and processing phases of the census. A more detailed discussion of both sampling and nonsampling error and a description of the estimation procedure are given in this appendix.

SAMPLE DESIGN

While every person and housing unit in the 1980 census was enumerated on a

questionnaire that requested certain basic demographic information (e.g., age, number of rooms in living quarters, monthly rent), a sample of persons and housing units was enumerated on a questionnaire that requested additional information. The basic sampling unit for the 1980 census was the housing unit, including all occupants. For persons living in group quarters, the sampling unit was the person. Two sampling rates were employed. In counties, incorporated places and minor civil divisions estimated to have fewer than 2,500 persons (based on precensus estimates), one-half of all housing units and persons in group quarters were to be included in the sample. In all other areas, one-sixth of the housing units or persons in group quarters were sampled. The purpose of this scheme was to provide relatively more reliable estimates for small areas. When both sampling rates were taken into account across the Nation, approximately 19 percent of the Nation's housing units were included in the census sample.

The sample designation method depended on the data collection procedures. In areas containing about 95 percent of the population the census was taken by the mailout/mailback procedure. For these areas, the Bureau of the Census either purchased a commercial mailing list which was updated and corrected by Census Bureau field staff, or prepared a mailing list by canvassing and listing each address in the area prior to Census Day. These lists were computerized, and every sixth unit (for 1-in-6 areas) or every second unit (for 1-in-2 areas) was designated as a sample unit by computer. Both of these lists were also corrected by the Post Office.

In non-mailout/mailback areas, a blank listing book with designated sample lines (every sixth or every second line) was prepared for the enumerator. Beginning about Census Day, the enumerator sys-

tematically canvassed the area and listed all housing units in the listing book in the order they were encountered. Completed questionnaires, including sample information for any housing unit which was listed on a designated sample line, were collected.

In both types of data collection procedure areas, an enumerator was responsible for a small geographic area known as an enumeration district, or ED. An ED usually represented the average workload area for one enumerator.

ERRORS IN THE DATA

Since the data in this publication are based on a sample, they may differ somewhat from complete-count figures that would have been obtained if all housing units, persons within those housing units, and persons living in group quarters had been enumerated using the same questionnaires, instructions, enumerators, etc. The deviation of a sample estimate from the average of all possible samples is called the sampling error. The standard error of a survey estimate is a measure of the variation among the estimates from the possible samples and thus is a measure of the precision with which an estimate from a particular sample approximates the average result of all possible samples. The sample estimate and its estimated standard error permit the construction of interval estimates with prescribed confidence that the interval includes the average result of all possible samples. The method of calculating standard errors and confidence intervals for the data in this report is given below.

In addition to the variability which arises from the sampling procedures, both sample data and complete-count data are subject to nonsampling error. Nonsampling error may be introduced during each of the many extensive and complex

operations used to collect and process census data. For example, operations such as editing, reviewing, or handling questionnaires may introduce error into the data. A more detailed discussion of the sources of nonsampling error is given in the section on "Control of Nonsampling Error" in this appendix.

Nonsampling error may affect the data in two ways. Errors that are introduced randomly will increase the variability of the data and should therefore be reflected in the standard error. Errors that tend to be consistent in one direction will make both sample and complete-count data biased in that direction. For example, if respondents consistently tend to under-report their income, then the resulting counts of households or families by income category will be skewed toward the lower income categories. Such biases are not reflected in the standard error.

Calculation of Standard Errors

Totals and Percentages—Tables A through D in this appendix contain the information necessary to calculate the standard errors of sample estimates in this report. In order to perform this calculation, it is necessary to know the unadjusted standard error for the characteristic, given in table A or B, that would result under a simple random sample design (of persons, families, or housing units) and estimation technique; the adjustment factor for the particular characteristic estimated, given in table C; and the number of housing units in the tabulation area and the percent of these in sample, given in table D. The adjustment factors reflect the effects of the actual sample design and complex ratio estimation procedure used for the 1980 census.

To calculate the approximate standard error of an estimate for a geographic area, follow the steps given below:

- a. Obtain the unadjusted standard error from table A or B (or from the formula given below the table) for the estimated total or percentage, respectively.
- b. Find the geographic area with which you are working in table D and obtain the housing unit "percent in sample" figure for this area.
- c. Use table C to obtain the factor for the characteristics (e.g., air-

conditioning, year structure built) and the range that contains the percent-in-sample with which you are working. Multiply the unadjusted standard error by this factor. If the estimate is a cross-tabulation of more than one characteristic, use the largest factor.

As is evident from the formula below tables A and B, the unadjusted standard errors of zero estimates or of very small estimated totals or percentages approach zero. This is also the case for very large percentages or estimated totals that are close to the size of the tabulation areas to which they correspond. These estimated totals and percentages are, nevertheless, still subject to sampling and non-sampling variability, and an estimated standard error of zero (or a very small standard error) is not appropriate.

For estimated percentages that are less than 2 or greater than 98, use the *unadjusted* standard errors in table B that appear in the "2 or 98" row. For an estimated total that is less than 50 or within 50 of the total size of the tabulation area, use an *unadjusted* standard error of 16.

An illustration of the use of the tables is given in a later section of this appendix.

Differences—The standard errors estimated from these tables are not directly applicable to differences between two sample estimates. In order to estimate the standard error of a difference the tables are to be used somewhat differently in the following three situations:

- a. For the difference between a sample estimate and a complete-count value, use the standard error of the sample estimate.
- b. For the difference between (or sum of) two sample estimates, the appropriate standard error is approximately the square root of the sum of the two individual standard errors squared; that is, for standard errors Se_x and Se_y of estimates x and y :

$$Se_{(x+y)} = Se_{(x-y)} \doteq \sqrt{(Se_x)^2 + (Se_y)^2}$$

This method, however, will underestimate (overestimate) the standard error if the two items in a sum are highly positively (negatively)

correlated or if the two items in a difference are highly negatively (positively) correlated. This method may also be used for the difference between (or sum of) sample estimates from two censuses or between a census sample and another survey. The standard error for estimates not based on the 1980 census sample must be obtained from an appropriate source outside of this publication.

- c. For the difference between two estimates, one of which is a subclass of the other, use the tables directly where the calculated difference is the estimate of interest.

Means—The standard error of a mean depends upon the variability of the distribution on which the mean is based, the size of the sample, the sample design (e.g., the use of households as a sampling unit), and the estimation procedure used.

An approximation to the standard error of the mean may be obtained as follows: compute the variance of the distribution on which the mean is based; multiply this value by five and divide the product by the total count of units in the distribution; obtain the square root of this quotient and multiply the result by the adjustment factor from table C that is appropriate for the characteristic on which the mean is based.

Medians—For the standard error of a median of a characteristic, it is necessary to examine the distribution from which the median is derived, as the size of the base and the distribution itself affect the standard error. An approximate method is given here. As the first step, compute one-half of the number on which the median is based (refer to this result as $N/2$). Treat $N/2$ as if it were an ordinary estimate and obtain its standard error as instructed above using tables A, C, and D. Compute the desired confidence interval about $N/2$. Starting with the lowest value of the characteristic, cumulate the frequencies in each category of the characteristic until the sum equals or first exceeds the lower limit of the confidence interval about $N/2$. By linear interpolation, obtain a value of the characteristic corresponding to this sum. This is the lower limit of the confidence interval of the median. In a similar manner, cumulate frequencies starting from

the highest value of the characteristic until the sum equals or exceeds the count in excess of the upper limit of the interval about $N/2$. Interpolate as before to obtain the upper limit of the confidence interval for the estimated median.

Confidence Intervals

A sample estimate and its estimated standard error may be used to construct confidence intervals about the estimate. These intervals are ranges that will contain the average value of the estimated characteristic that results over all possible samples, with a known probability. For example, if all possible samples that could result under the 1980 census sample design were independently selected and surveyed under the same conditions, and if the estimate and its estimated standard error were calculated for each of these samples, then:

- (1) Approximately 68 percent of the intervals from one estimated standard error below the estimate to one estimated standard error above the estimate would contain the average result from all possible samples; and
- (2) Approximately 95 percent of the intervals from two estimated standard errors below the estimate to two estimated standard errors above the estimate would contain the average result from all possible samples.

The intervals are referred to as 68 percent and 95 percent confidence intervals, respectively.

The average value of the estimated characteristic that could be derived from all possible samples is or is not contained in any particular computed interval. Thus we cannot make the statement that the average value has a certain probability of falling between the limits of the calculated confidence interval. Rather, one can say with a specified probability or confidence that the calculated confidence interval includes the average estimate from all possible samples (approximately the complete count value).

Confidence intervals may also be constructed for the difference between two sample figures. This is done by computing the difference between these

figures, obtaining the standard error of the difference (using the formula given earlier), and then forming a confidence interval for this estimated difference as above. One can then say with specified confidence that this interval includes the difference that would have been obtained by averaging the results from all possible samples.

The estimated standard errors given in this report do not include all portions of the variability due to nonsampling error that may be present in the data. Thus, the standard errors calculated represent a lower bound of the total error. As a result, confidence intervals formed using these estimated standard errors may not meet the stated levels of confidence (i.e., 68 or 95 percent). Thus, some care must be exercised in the interpretation of the data in this publication based on the estimated standard errors.

For more information on confidence intervals and nonsampling error see any standard sampling theory text.

Use of Tables to Compute Standard Errors

See appendix D of any 1980 Census of Housing, HC-80-1-B, *Detailed Housing Characteristics* report, for examples showing the computation of standard errors and the formation of confidence intervals.

ESTIMATION PROCEDURE

The estimates which appear in this publication were obtained from an iterative ratio estimation procedure which resulted in the assignment of a weight to each sample person or housing unit record. For any given tabulation area, a characteristic total was estimated by summing the weights assigned to the persons or housing units in the tabulation area which possessed the characteristic. Estimates of family or household characteristics were based on the weights assigned to the family members designated as householders. Each sample person or housing unit record was assigned exactly one weight to be used to produce estimates of all characteristics. For example, if the weight given to a sample person or housing unit had the value five, all characteristics of that person or housing unit would be tabulated with a weight of

five. The estimation procedure, however, did assign weights which vary from person to person or housing unit to housing unit.

The estimation procedure used to assign the weights was performed in geographically defined "weighting areas." Weighting areas were generally formed of adjoining portions of geography, which closely agreed with census tabulation areas within counties. Weighting areas were required to have a minimum sample of 400 persons. Weighting areas were never allowed to cross state or county boundaries. In small counties with a sample count of less than 400 persons, the minimum required sample condition was relaxed to permit the entire county to become a weighting area.

Within a weighting area, the ratio estimation procedure for persons was performed in three stages. For persons, the first stage employed 17 household type groups. The second stage used two groups: householders and nonhouseholders. The third stage could potentially use 160 age-sex-race-Spanish origin groups. The stages were as follows:

PERSONS

Stage I—Type of Household

<i>Group</i>	<i>Persons in Housing Units With a Family With Own Children Under 18</i>
1	2 persons in housing unit
2	3 persons in housing unit
3	4 persons in housing unit
4	5 to 7 persons in housing unit
5	8 or more persons in housing unit
	<i>Persons in Housing Units With a Family Without Own Children Under 18</i>
6-10	2 persons in housing unit through 8 or more persons in housing unit
	<i>Persons in All Other Housing Units</i>
11	1 person in housing unit
12-16	2 persons in housing unit through 8 or more persons in housing unit
17	<i>Persons in group quarters</i>

Stage II—Householder/
Nonhouseholder

Group	
1	Householder
2	Nonhouseholder (including persons in group quarters)

Stage III—Age/Sex/Race/Spanish Origin

Group	White Race
	<i>Persons of Spanish Origin</i>
	<i>Male</i>
1	0 to 4 years of age
2	5 to 14 years of age
3	15 to 19 years of age
4	20 to 24 years of age
5	25 to 34 years of age
6	35 to 44 years of age
7	45 to 64 years of age
8	65 years of age or older
	<i>Female</i>
9-16	Same age categories as groups 1 to 8
	<i>Persons Not of Spanish Origin</i>
17-32	Same age and sex categories as groups 1 to 16
	<i>Black Race</i>
33-64	Same age-sex-Spanish origin categories as groups 1 to 32
	<i>Asian, Pacific Islander Race</i>
65-96	Same age-sex-Spanish origin categories as groups 1 to 32
	<i>American Indian, Eskimo, or Aleut Race</i>
97-128	Same age-sex-Spanish origin categories as groups 1 to 32
	<i>Other Race (includes those races not listed above)</i>
129-160	Same age-sex-Spanish origin categories as groups 1 to 32

Within a weighting area, the first step in the estimation procedure was to assign each sample person record an initial weight. This weight was approximately equal to the inverse of the probability of selecting a person for the census sample.

The next step in the estimation procedure was to combine, if necessary, the groups in each of the three stages prior to the repeated ratio estimation in order to increase the reliability of the ratio estimation procedure.

For the first and second stages, any group that did not meet certain criteria concerning the unweighted sample count or the ratio of the complete count to the initially weighted sample count, was combined, or collapsed, with another group in the same stage according to a specified collapsing pattern. At the third stage, the "Other" race category was collapsed with the "White" race category before the above collapsing criteria as well as an additional criterion concerning the number of complete count persons in each category were applied.

As the final step, the initial weights underwent three stages of ratio adjustment which used the groups listed above. At the first stage, the ratio of the complete census count to the sum of the initial weights for each sample person was computed for each stage I group. The initial weight assigned to each person in a group was then multiplied by the stage I group ratio to produce an adjusted weight. In stage II, the stage I adjusted weights were again adjusted by the ratio of the complete census count to the sum of the stage I weights for sample persons in each stage II group. Finally, the stage II weights were adjusted at stage III by the ratio of the complete census count to the sum of the stage II weights for sample persons in each stage III group. The three stages of adjustment were performed twice (two iterations) in the order given above. The weights obtained from the second iteration for stage III were assigned to the sample person records. However, to avoid complications in rounding for tabulated data, only whole number weights were assigned. For example, if the final weight for the persons in a particular group was 7.2, then one-fifth of the sample persons in this group were randomly assigned a weight of 8 and the remaining four-fifths received a weight of 7.

Separate weights were derived for tabulating the place of work and migration data items. The weights were obtained by adjusting the weight derived above for persons on questionnaires selected for coding by the reciprocal of the ED coding rate and a ratio adjustment to ensure that the sum of the weights and the complete count total population figure would agree.

The ratio estimation procedure for

housing units was essentially the same as that for persons. The major difference was that the occupied housing unit ratio estimation procedure was done in two stages and the vacant housing unit ratio estimation procedure was done in one stage. The first stage for occupied housing units employed 16 household-type categories and the second stage could potentially use 190 tenure-race-Spanish origin-value/rent groups. For vacant housing units, three groups were utilized. The stages for the ratio estimation for housing units were as follows:

OCCUPIED HOUSING UNITS

Stage I—Type of Household

Group	Housing Units With a Family With Own Children Under 18
1	2 persons in housing unit
2	3 persons in housing unit
3	4 persons in housing unit
4	5 to 7 persons in housing unit
5	8 or more persons in housing unit
	<i>Housing Units With a Family Without Own Children Under 18</i>
6-10	2 persons in housing unit through 8 or more persons in housing unit
	<i>All Other Housing Units</i>
11	1 person in housing unit
12-16	2 persons in housing unit through 8 or more persons in housing unit

Stage II—Tenure/Race and Origin of Householder/Value or Rent

Group	Owner
	<i>White Race (householder)</i>
	<i>Persons of Spanish Origin (householder)</i>
	<i>Value of House</i>
1	\$0 to \$9,999
2	\$10,000 to \$19,999
3	\$20,000 to \$24,999
4	\$25,000 to \$49,999
5	\$50,000 to \$99,999
6	\$100,000 to \$149,999
7	\$150,000+
8	Other Owners
	<i>Persons Not of Spanish Origin</i>

9-16 Same value categories as groups 1 to 8

17-32 *Black Race*
Same value—Spanish origin categories as groups 1 to 16

33-48 *Asian, Pacific Islander Race*
Same value—Spanish origin categories as groups 1 to 16

49-64 *American Indian, Eskimo, or Aleut Race*
Same value—Spanish origin categories as groups 1 to 16

65-80 *Other Race (includes those races not listed above)*
Same value—Spanish origin categories as groups 1 to 16

Renter
White Race
Persons of Spanish Origin
Rent Categories

81	\$1 to \$59
82	\$60 to \$99
83	\$100 to \$149
84	\$150 to \$199
85	\$200 to \$249
86	\$250 to \$299
87	\$300 to \$399
88	\$400 to \$499
89	\$500+
90	Other Renter
91	No Cash Rent

Persons not of Spanish origin
92-102 Same rent categories as groups 81 to 91

103-124 *Black Race*
Same rent—Spanish origin categories as groups 81 to 102

125-146 *Asian, Pacific Islander Race*
Same rent—Spanish origin categories as groups 81 to 102

147-168 *American Indian, Eskimo, or Aleut Race*
Same rent—Spanish origin categories as groups 81 to 102

Other Race (includes those races not listed above)

169-190 Same rent—Spanish origin categories as groups 81 to 102

VACANT HOUSING UNITS

<i>Group</i>	
1	<i>Vacant for Rent</i>
2	<i>Vacant for Sale</i>
3	<i>Other Vacant</i>

The estimates produced by this procedure realize some of the gains in sampling efficiency that would have resulted if the population had been stratified into the ratio estimation groups before sampling, and the sampling rate had been applied independently to each group. The net effect is a reduction in both the standard error and the possible bias of most estimated characteristics to levels below what would have resulted from simply using the initial (unadjusted) weight. A by-product of this estimation procedure is that the estimates from the sample will, for the most part, be consistent with the complete-count figures for the population and housing unit groups used in the estimation procedure.

CONTROL OF NONSAMPLING ERROR

As mentioned above, nonsampling error is present in both sample and complete count data. If left unchecked, this error could introduce serious bias into the data, the variability of which could increase dramatically over that which would result purely from sampling. While it is impossible to completely eliminate nonsampling error from an operation as large and complex as the 1980 census, the Bureau of the Census attempted to control the sources of such error during the collection and processing operations. The primary sources of nonsampling error and the programs instituted for control of this error are described below. The success of these programs, however, was contingent upon how well the instructions were actually carried out during the census. To the extent possible, both the effects of these programs and the amount of error remaining after their application will be evaluated.

Undercoverage—It is possible for some persons or housing units to be entirely missed by the census. This undercoverage of persons and housing units can introduce biases into the data. Several extensive programs were developed to focus on this important problem.

- The Postal Service reviewed mailing lists and reported housing unit addresses which were missing, undeliverable, or duplicated in the listings.
- The purchased commercial mailing list was updated and corrected by a complete field review of the list of housing units during a prec canvass operation.
- A record check was performed to reduce the undercoverage of individual persons in selected areas. Independent lists of persons, such as driver's license holders, were matched with the household rosters in the census listings. Persons not matched to the census rosters were followed up and added to the census counts if they were found to have been missed.
- A recheck of units initially classified as vacant or nonexistent was utilized to further reduce the undercoverage of persons.

More extensive discussions of programs developed to reduce undercoverage will be published as the analyses of those programs are completed.

Respondent and Enumerator Error—The person answering the questionnaire or responding to the questions posed by an enumerator could serve as a source of error by offering incorrect or incomplete information. To reduce this source of error, questions were phrased as clearly as possible based on precensus tests and detailed instructions for completing the questionnaire were provided to each household. In addition, respondents' answers were edited for completeness and consistency and followed up as necessary. For example, if the source of water item was incomplete for a housing unit, long-form field edit procedures would recognize the situation, and a followup attempt to obtain the information would be made.

The enumerator may misinterpret or otherwise incorrectly record information given by a respondent; may fail to collect some of the information for a person or household; or may collect sample data for

households that were not designated as part of the sample. To control these problems, the work of enumerators was carefully monitored. Field staff were prepared for their tasks by using standardized training packages which included experience in using census materials. A sample of the households interviewed by enumerators for nonresponse was reinterviewed to control for the possibility of data for fabricated persons being submitted by enumerators. Also, the estimation procedure was designed to control for biases that would result from the collection of data from households not designated for the sample.

Processing Error—The many phases of processing the census represent potential sources for the introduction of nonsampling error. The processing of the census questionnaires includes the field editing, followup, and transmittal of completed questionnaires; the manual coding of write-in responses; and the electronic data processing. The various field, coding and computer operations undergo a number of quality control checks to insure their accurate application.

Nonresponse—Nonresponse to particular questions on the census questionnaire allows for the introduction of bias into the data, since the characteristics of the nonrespondents have not been observed and may differ from those reported by respondents. As a result, any allocation procedure using respondent data may not completely reflect this difference either at the element level (individual person or housing unit) or on the average. Some protection against the introduction of large biases is afforded by minimizing

nonresponse. In the census, nonresponse was substantially reduced during the field operations by the various edit and follow-up operations aimed at obtaining a response for every question. Characteristics for the nonresponses remaining after this operation were allocated by the computer using reported data for a person or housing unit with similar characteristics. The allocation procedure is described below.

EDITING OF UNACCEPTABLE DATA

The objective of the processing operation is to produce a set of statistics that describes the nation's housing as accurately and clearly as possible. To meet this objective, certain unacceptable entries were edited.

In the field, questionnaires were reviewed for omissions and certain inconsistencies by a census clerk or an enumerator and, if necessary, a followup was made to obtain missing information. In addition, a similar review of questionnaires was done in the central processing offices. As a rule, however, editing was performed by hand only when it could not be done effectively by machine.

As one of the first steps in computerized editing, the configuration of marks on the questionnaire was scanned electronically to determine whether it contained information for a person or housing unit or merely spurious marks. If any characteristic for a housing unit was still missing when the questionnaires reached the central processing offices, it was supplied by allocation. Allocation, or assignments of acceptable codes in place of unacceptable entries, were

needed most often when an entry for a given item was lacking or when the information reported for a particular item was inconsistent with another item for the same housing unit. As in previous censuses, allocations or the assignment of acceptable entries were used to replace blanks or unacceptable entries. The allocation procedure was based on using information reported for another housing unit with characteristics similar to those of the housing unit for which allocation was necessary. For example, if the unit was reported as rented but the amount of rent was missing, the computer automatically assigned the rent that was reported for the preceding renter-occupied unit. The assignment of acceptable codes in place of blanks or unacceptable entries is designed to enhance the usefulness of the data.

Specific tolerances were established for the number of computer allocations that would be permitted. If the number of corrections was beyond tolerance, the questionnaires in which the errors occurred were clerically reviewed. If it was found that the errors resulted from damaged questionnaires, from improper microfilming, from faulty reading by FOSDIC of undamaged questionnaires, or from other types of machine failure, the questionnaires were reprocessed.

ALLOCATION TABLES

The extent of allocations for nonresponses and inconsistencies for individual subject items is given for SMSA's and places in the 1980 Census of Population PC80-1-B and PC80-1-C reports and in the 1980 Census of Housing HC80-1-A and HC80-1-B reports.

Table A. Unadjusted Standard Errors for Estimated Totals

[Based on a 1-in-6 simple random sample]

Estimated Total ^{1/}	Size of publication area ^{2/}													
	500	1 000	2 500	5 000	10 000	25 000	50 000	100 000	250 000	500 000	1 000 000	5 000 000	10 000 000	25 000 000
50.....	16	16	16	16	16	16	16	16	16	16	16	16	16	16
100.....	20	21	22	22	22	22	22	22	22	22	22	22	22	22
250.....	25	30	35	35	35	35	35	35	35	35	35	35	35	35
500.....	-	35	45	45	50	50	50	50	50	50	50	50	50	50
1 000.....	-	-	55	65	65	70	70	70	70	70	70	70	70	70
2 500.....	-	-	-	80	95	110	110	110	110	110	110	110	110	110
5 000.....	-	-	-	-	110	140	150	150	160	160	160	160	160	160
10 000.....	-	-	-	-	-	170	200	210	220	220	220	220	220	220
15 000.....	-	-	-	-	-	170	230	250	270	270	270	270	270	270
25 000.....	-	-	-	-	-	-	250	310	340	350	350	350	350	350
75 000.....	-	-	-	-	-	-	-	310	510	570	590	610	610	610
100 000.....	-	-	-	-	-	-	-	-	550	630	670	700	700	710
250 000.....	-	-	-	-	-	-	-	-	-	790	970	1 090	1 100	1 100
500 000.....	-	-	-	-	-	-	-	-	-	-	1 120	1 500	1 540	1 570
1 000 000.....	-	-	-	-	-	-	-	-	-	-	-	2 000	2 120	2 190
5 000 000.....	-	-	-	-	-	-	-	-	-	-	-	-	3 540	4 470
10 000 000.....	-	-	-	-	-	-	-	-	-	-	-	-	-	5 480

^{1/} For estimated totals larger than 10 000 000, the standard error is somewhat larger than the table values. The formula given below should be used to calculate the standard error.

$$Se(\hat{Y}) = \sqrt{5\hat{Y}(1-\frac{\hat{Y}}{N})}$$

N = Size of area

\hat{Y} = Estimate of characteristic total

^{2/} The total count of housing units in the area.

Table B. Unadjusted Standard Error in Percentage Points for Estimated Percentages

[Based on a 1-in-6 simple random sample]

Estimated Percentage	Base of percentage ^{1/}													
	500	750	1 000	1 500	2 500	5 000	7 500	10 000	25 000	50 000	100 000	250 000	500 000	
2 or 98.....	1.4	1.1	1.0	0.8	0.6	0.4	0.4	0.3	0.2	0.1	0.1	0.1	0.1	
5 or 95.....	2.2	1.8	1.5	1.3	1.0	0.7	0.6	0.5	0.3	0.2	0.2	0.1	0.1	
10 or 90.....	3.0	2.4	2.1	1.7	1.3	0.9	0.8	0.7	0.4	0.3	0.2	0.1	0.1	
15 or 85.....	3.6	2.9	2.5	2.1	1.6	1.1	0.9	0.8	0.5	0.4	0.3	0.2	0.1	
20 or 80.....	4.0	3.3	2.8	2.3	1.8	1.3	1.0	0.9	0.6	0.4	0.3	0.2	0.1	
25 or 75.....	4.3	3.5	3.1	2.5	1.9	1.4	1.1	1.0	0.6	0.4	0.3	0.2	0.1	
30 or 70.....	4.6	3.7	3.2	2.6	2.0	1.4	1.2	1.0	0.6	0.5	0.3	0.2	0.1	
35 or 65.....	4.8	3.9	3.4	2.8	2.1	1.5	1.2	1.1	0.7	0.5	0.3	0.2	0.2	
50.....	5.0	4.1	3.5	2.9	2.2	1.6	1.3	1.1	0.7	0.5	0.4	0.2	0.2	

^{1/} For a percentage and/or base of percentage not shown in the table, the formula given below may be used to calculate the standard error.

$$Se(\hat{p}) = \sqrt{\frac{5}{B} \hat{p}(100-\hat{p})}$$

B = Base of estimated percentage

\hat{p} = Estimated percentage

Table C. Standard Error Adjustment Factors

(Percent of persons or housing units in sample)

Characteristic	Less than 19 Percent	19 to 33 Percent	More than 33 Percent
Household type.....	1.0	0.9	0.5
Age and sex of householder.....	1.0	1.0	0.5
Occupancy status.....	1.1	1.0	0.5
Vacant price asked and vacant rent asked..	1.1	0.9	0.5
Tenure.....	1.1	0.9	0.5
Units in structure.....	1.0	1.0	0.5
Stories in structure.....	0.9	0.9	0.5
Passenger elevator.....	0.9	0.9	0.4
Persons in unit.....	1.0	0.9	0.5
Year structure built.....	1.0	0.9	0.5
Year householder moved into housing unit.....	1.0	0.9	0.5
Heating equipment and fuel.....	1.1	0.9	0.5
Number of bedrooms.....	1.1	0.9	0.5
Rooms.....	1.1	0.9	0.5
Telephone in housing unit.....	1.0	0.9	0.5
Air conditioning.....	1.1	1.0	0.5
Vehicles available.....	1.1	0.9	0.5
Gross rent and contract rent.....	1.1	0.9	0.5
Gross rent as a percentage of household income in 1979.....	1.0	0.9	0.5
Mortgage status and selected monthly owner costs.....	1.2	1.0	0.5
Household income.....	1.0	0.9	0.5
Poverty status: Housing.....	1.0	0.9	0.5
Existence of complete plumbing for exclusive use with 1.01 persons per room or more.....	1.0	0.8	0.5
Value.....	1.0	1.0	0.5

Table D. **Percent of Housing Units in Sample: 1980**

[For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

**The SMSA
Places of 50,000 or More and
Central Cities of SMSA's**

Housing units	
100-percent count	Percent in sample
104 072	22.8
21 626	16.5
19 047	16.3

The SMSA -----

**PLACES OF 50,000 OR MORE AND CENTRAL
CITIES OF SMSA's**

Appleton city -----
Oshkosh city -----

Appendix E.—Facsimiles of Respondent Instructions and Questionnaire Pages

INSTRUCTIONS FOR QUESTIONS 1 THROUGH 10

1. List in question 1 (on page 1), the names of all the people who usually live here. Then turn to pages 2 and 3 where there are columns to list up to seven persons. In the first column print the name of one of the household members in whose name this home is owned or rented. If no household member owns or rents the living quarters, list in the first column any adult household member who is not a roomer, boarder, or paid employee. Print the names of the other household members, if any, in the columns which follow, using question 1 as a checklist.
2. Fill a circle to show how each person is related to the person in column 1.

A stepchild or legally adopted child of the person in column 1 should be marked **Son/daughter**. Foster children or wards living in the household should be marked **Roomer, boarder**.
3. Be sure to fill a circle for the sex of each person.
4. Fill the circle for the category with which the person most closely identifies. If you fill the **Indian (American)** or **Other** circle, be sure to print the name of the specific Indian tribe or specific group.
5. Enter age at last birthday in the space provided (enter "0" for babies less than one year old). Also enter month and year of birth, and fill the appropriate circles. For an illustration of how to complete question 5, see the example on pages 4 and 5. If age or month or year of birth is not known, give your best estimate.
6. If the person's only marriage was annulled, mark **Never married**.
7. A person is of Spanish/Hispanic origin or descent if the person *identifies* his or her ancestry with one of the listed groups, that is, Mexican, Puerto Rican, etc. Origin or descent (ancestry) may be viewed as the nationality group, the lineage, or country in which the person or the person's parents or ancestors were born.
8. Do not count enrollment in a trade or business school, company training, or tutoring unless the course would be accepted for credit at a regular elementary school, high school, or college. A *public* school is any school or college which is controlled and supported primarily by a local, county, State, or Federal Government.
9. Fill only one circle. Mark the highest grade *ever* attended even if the person did not finish it. If the person is still in school, mark the grade in which now enrolled. Schooling received in foreign or ungraded schools should be reported as the equivalent grade or year in the regular American school system. If uncertain whether a Head Start program is for nursery school or kindergarten, mark the circle for **Nursery school**.

If the person skipped or repeated grades, mark the highest grade ever attended regardless of how long it took to get there. Persons who did not attend any college but who completed high school by finishing the 12th grade or by passing an equivalency test, such as the

General Educational Development (GED) examination, should fill the circle for the 12th grade.

10. Mark **Finished this grade (or year)** only if the person finished the *entire* grade or year marked in question 9 or if the highest grade was completed by passing a high school equivalency test.

INSTRUCTIONS FOR QUESTIONS H4 THROUGH H12

- H4. Mark only one circle. *This address* means the house or building number where your living quarters are located.
- H5. Mark the second circle only if you *must* go through someone else's living quarters to get to your own.
- H6. Consider that you have hot water even if you have it only part of the time.

Mark **Yes, but also used by another household** if someone else who lives in the same building, but is not a member of your household, also uses the facilities. Mark this circle also if the occupants of living quarters now vacant would also use the facilities in your living quarters.
- H7. Count only whole rooms used for living purposes, such as living rooms, dining rooms, kitchens, bedrooms, finished recreation rooms, family rooms, etc. Do not count bathrooms, kitchenettes, strip or pullman kitchens, utility rooms, or unfinished attics, unfinished basements, or other space used for storage.
- H8. Mark **Owned or being bought** if the living quarters are owned outright or are mortgaged. Also mark **Owned or being bought** if the living quarters are owned but the land is rented.

Mark **Rented for cash rent** if any money rent is paid. Rent may be paid by persons who are not members of your household.

Occupied without payment of cash rent includes, for example, a parsonage, military housing, a house or apartment provided free of rent by the owner, or a house or apartment occupied by a janitor or caretaker in exchange for services.
- H9. A *condominium* is housing in which the apartments or houses in a development are individually owned, but the common areas, such as lobbies, halls, etc., are jointly owned. The person owning a condominium very likely has a mortgage on the particular unit.
- H10b. A *commercial establishment* is easily recognized from the outside, for example, a grocery store or barber shop. A *medical office* is a doctor's or dentist's office regularly visited by patients.

- H11. Include the value of the house, the land it is on, and any other structures on the same property. If the house is owned but the land is rented, estimate the combined value of the house and the

land. If this is a condominium unit, enter the estimated value for your living quarters and your share of the common elements.

H12. Report the rent agreed to or contracted for, even if the rent is unpaid or paid by someone else.

If rent is not paid by the month, change the rent to a monthly amount; and then fill the appropriate circle in question H12.

If rent is paid:	Multiply rent by:
By the day	30
By the week	4
Every other week	2

If rent is paid:	Divide rent by:
4 times a year	3
2 times a year	6
Once a year	12

INSTRUCTIONS FOR QUESTIONS H13 THROUGH H20

H13. Mark only one circle.

Detached means there is open space on all sides, or the house is joined only to a shed or garage. *Attached* means that the house is joined to another house or building by at least one wall which goes from ground to roof.

Mark **A one-family house detached from any other house** when a mobile home or trailer has had one or more rooms added or built onto it; a porch or shed is not considered a room.

Count all occupied and vacant living quarters in the house or building, but not stores or office space.

H14a. Do not count unfinished basements or unfinished attics. However, a basement or attic with finished room(s) for living purposes should be counted as a story.

H15a. A *city or suburban* lot is usually located in a city, a community, or any built-up area outside a city or community, and is not larger than the house and yard. All living quarters in apartment buildings, including garden-type apartments in the city or suburbs, are considered on a city or suburban lot.

A *place* is a farm, ranch, or any other property, other than a city or suburban lot, on which this *residence* is located.

H16. If a well provides water for six or more houses or apartments, mark **A public system**. If a well provides water for five or fewer houses or apartments, mark one of the categories for *individual well*.

Drilled wells, or small diameter wells, are usually less than 1½ feet in diameter. *Dug wells* are generally hand dug and are wider.

H17. A *public sewer* is operated by a government body or a private organization. A *septic tank or cesspool* is an underground tank or pit used for disposal of sewage.

H19. The term *person in column 1* refers to the person listed in the first column on page 2. This person should be the household member (or one of the members) in whose name the house is owned or rented. If there is no such person, any adult household member can be the person in column 1. Mark when this person last moved into *this* house or apartment.

H20. This question refers to the type of *heating equipment* and not to the fuel used.

An *electric heat pump* is sometimes known as a reverse cycle

system. It may be centrally installed with ducts to the rooms or individual heat pumps in the rooms.

A *floor, wall, or pipeless furnace* 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 and does not have ducts leading to other rooms.

Any heater that you plug into an electric outlet should be counted as a *portable room heater*.

INSTRUCTIONS FOR QUESTIONS H21 THROUGH H32

H21. *Gas from underground pipes* is piped in from a central system such as one operated by a public utility company or a municipal government. *Bottled, tank, or LP gas* is stored in tanks which are refilled or exchanged when empty. *Other fuel* includes any fuel not separately listed, for example, purchased steam, fuel briquettes, waste material, etc.

H22. If your living quarters are rented, enter the costs for utilities and fuels only if you pay for them in addition to the rent entered in H12. If already included in rent, fill the appropriate circle.

The amounts to be reported should be for the past 12 months, that is, for electricity and gas, the monthly *average* for the past 12 months; for water and other fuels, the *total* amount for the past 12 months.

Estimate as closely as possible when exact costs are not known.

Report amounts even if your bills are unpaid or paid by someone else. If the bills include utilities or fuel used also by another apartment or a business establishment, estimate the amounts for your own living quarters. If gas and electricity are billed together, enter the combined amount on the electricity line and bracket ({) the two utilities.

H23. The kitchen sink, stove, and refrigerator must be located in the building but do *not* have to be in the same room. Portable cooking equipment is not considered as a range or cook stove.

H26. Answer *Yes only* if the telephone is located *in* your living quarters.

H27. Count only equipment used to cool the air by means of a refrigeration unit.

H28—H29. Count company cars (including police cars and taxicabs) and company trucks that are regularly kept at home and used by household members. Do *not* count cars or trucks permanently out of working order.

H30—H32. *Do not answer these questions if you live in a cooperative, regardless of the number of units in the structure.*

H30. Report taxes for all taxing jurisdictions even if they are included in mortgage payment, not paid yet, paid by someone else, or are delinquent.

H31. When premiums are paid on other than a yearly basis, convert to a yearly basis and enter the yearly amount, even if no payment was made during the past 12 months.

H32a. The word "mortgage" is used as a general term to indicate all types of loans which are secured by real estate.

- b. A second or junior mortgage is also secured by real estate but has been made by the homeowner in addition to the first mortgage.
- c. Enter a monthly amount even if it is unpaid or paid by someone else. If the amount is paid on some other periodic basis, see instructions for H12 to change it to a monthly amount.

INSTRUCTIONS FOR QUESTIONS 11 THROUGH 14

11. *For persons born in the United States:*

Print the name of the State in which this person's mother was living when this person was born. For persons born in a hospital, do not give the State in which the hospital was located unless the hospital and the mother's home were in the same State or the location of the mother's home is not known. For example, if a person was born in a hospital in Washington, D.C., but the mother's home was in Virginia at the time of the person's birth, enter "Virginia."

For persons born outside the United States:

Print the full name of the foreign country or Puerto Rico, Guam, etc., where the person was born. Use international boundaries as now recognized by the United States. Specify whether Northern Ireland or Ireland (Eire); East or West Germany; England, Scotland or Wales (*not* Great Britain or United Kingdom). Specify the particular island in the Caribbean, *not*, for example, West Indies.

12. This question is only for persons born in a foreign country. Fill the Yes, a naturalized citizen circle only if the person has *completed* the naturalization process and is now a citizen.

If the person has entered the U.S. more than once, fill the circle for the year he or she came to stay permanently.

- 13a. Mark **No**, only speaks English if the person always speaks English *at home*; then skip to question 14.

Mark **Yes** if the person speaks a language other than English *at home*. Do *not* mark **Yes** for a language spoken only at school or if speaking ability is limited to a few expressions or slang.

- b. Print the non-English language spoken *at home*. If this person speaks two or more non-English languages *at home* and cannot determine which is spoken most often, report the first language the person learned to speak.
- c. Fill the circle that best describes the person's *ability* to speak English.
- (1) The circle **Very well** should be filled for persons who have no difficulty speaking English.
- (2) The circle **Well** should be filled for persons who have only minor problems which do not seriously limit their ability to speak English.
- (3) The circle **Not well** should be filled for persons who are seriously limited in their ability to speak English.
- (4) The circle **Not at all** should be filled for persons who do not speak English at all.

14. Print the ancestry group with which the person *identifies*. Ancestry (or origin or descent) may be viewed as the nationality group, the lineage, or the country in which the person or the person's parents or ancestors were born before their arrival in the United States. Persons who are of more than one origin and who cannot identify with a single group should print their multiple ancestry (for example, German-Irish).

Be specific; for example, if ancestry is "Indian," specify whether American Indian, Asian Indian, or West Indian. Distinguish Cape Verdean from Portuguese, and French Canadian from Canadian.

A religious group should not be reported as a person's ancestry.

INSTRUCTIONS FOR QUESTIONS 15 THROUGH 20

- 15a. Mark **Yes**, this house if this person lived in this same house or apartment on April 1, 1975, but moved away and came back between then and now. Mark **No**, different house if this person lived in the same building but in a different apartment (or in the same mobile home or trailer but on a different trailer site).

- b. If this person lived in a different house or apartment on April 1, 1975, give the location of this person's usual home at that time.

Part (1) If the person was living in the United States on April 1, 1975, print the name of the State. If the person did *not* live in the United States on April 1, 1975, print the full name of the foreign country or Puerto Rico, Guam, etc.

Part (2) If in Louisiana, print the parish name. If in Alaska, print the borough name. If in New York City — print the borough name if the county name is not known. If an independent city, leave blank.

Part (3) If in Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island or Vermont, print the name of the town rather than the name of the village or city, unless the name of the town is unknown.

Part (4) Mark **Yes** if you know that the location is *now* inside the limits of a city, town, village or other incorporated place, even if it was not inside the limits on April 1, 1975.

- 17a. Mark **Yes** only if this person was on *active* duty in the U.S. Army, Navy, Air Force, Marine Corps, or Coast Guard. Mark **No** if the person was in the National Guard or the reserves.

- b. Mark **Yes** if the person was attending a college or university either full or part time and was enrolled for credit toward a degree. Mark **No** if the person was taking only non-credit courses or was attending a vocational or trade school, such as secretarial school.

- c. Mark **Yes**, full time if the person worked full time (35 hours or more per week). Mark **Yes**, part time if the person worked part time (less than 35 hours per week). Mark **No** if the person only did unpaid volunteer work, housework or yard work at own home, or if the only work done was as a resident of an institution.

- 18a. Mark **Yes** if this person was ever on active duty in the U.S. Army, Navy, Air Force, Marine Corps, or Coast Guard, even if the time served was short. For persons in the National Guard or military reserve units, mark **Yes** *only* if the person was ever called to active duty; mark **No** if the only service was active duty for training.

- b. If this person served during more than one period, fill all circles which apply, even if service was for a short time.

19. The term "health condition" refers to any physical or mental problem which has lasted for 6 or more months. A serious problem with seeing, hearing, or speech should be considered a health condition. Pregnancy or a temporary health problem such as a broken bone that is expected to heal normally should *not* be considered a health condition.

20. Count all children born alive, including any who have died (even shortly after birth) or who no longer live with her.

INSTRUCTIONS FOR QUESTIONS 21 THROUGH 26

21. If the exact date of marriage is not known, give your best estimate.
- 22a. Mark **Yes** if the person worked, either full or part time, on any day of last week (Sunday through Saturday).

Count as work:

Work for someone else for wages, salary, piece rate, commission, tips, or payments "in kind" (for example, food, lodging received as payment for work performed).

Work in own business, professional practice, or farm.

Any work in a family business or farm, paid or not.

Any part-time work including babysitting, paper routes, etc.

Active duty in Armed Forces.

Do not count as work:

Housework or yard work at home.

Unpaid volunteer work.

Work done as a resident of an institution.

- b. Give the *actual* number of hours worked at *all jobs last week*, even if that was more or fewer hours than usually worked.
23. If the person worked at several locations, but reported to the same location each day to begin work, print where he or she reported. If the person did not report to the same location each day to begin work, print the words "various locations" for 23a, and give as much information as possible in the remainder of 23 to identify the area in which he or she worked *most* last week.

If the person's employer operates in more than one location (such as a grocery store chain or public school system), give the exact address of the location or branch where the person worked.

If the person worked in a foreign country or Puerto Rico, Guam, etc., print the name of the country in 23e and leave the other parts of 23 blank.

- 24a. Travel time is from door to door. Include time taken waiting for public transportation, picking up passengers in carpools, etc.
- b. Mark **Worked at home** for a person who works on a farm where he or she lives, or in an office or shop in the person's home.
- c. If the person was driven to work by someone who then drove back home or to a non-work destination, mark **Drive alone**.
- d. Do not include riders who rode to school or some other non-work destination.
25. If the person works only during certain seasons or on a day-to-day basis when work is available, mark **No**.

- 26a. Mark **Yes** if the person tried to get a job or to start a business or professional practice at any time in the last *four* weeks; for example, registered at an employment office, went to a job interview, placed or answered ads, or did anything toward starting a business or professional practice.

- b. Mark **No, already has a job** if the person was on layoff or was expecting to report to a job within 30 days.

Mark **No, temporarily ill** if the person expects to be able to work within 30 days.

Mark **No, other reasons** if the person could not have taken a job because he or she was going to school, taking care of children, etc.

INSTRUCTIONS FOR QUESTIONS 27 THROUGH 29

27. Look at the instructions for 22a to see what to count as work. Mark **Never worked** if the person: (1) never worked at any kind of job or business, either full or part time, (2) never did any work, with or without pay, in a family business or farm *and* (3) never served in the Armed Forces.

- 28a. If the person worked for a company, business, or government agency, print the name of the company, not the name of the person's supervisor. If the person worked for an individual or a business that has no company name, print the name of the individual worked for. If the person worked in his or her own business, print "self-employed."

- b. Print two or more words to tell what the business, industry, or individual employer named in 28a does. If there is more than one activity, describe only the major activity *at the place where the person works*. Enter what is made, what is sold, or what service is given.

Some examples of what is needed to make an answer acceptable are shown on the census form and here.

Unacceptable

Furniture company

Grocery store

Oil company

Ranch

Acceptable

Metal furniture manufacturing

Wholesale grocery store

Retail gas station

Cattle ranch

- c. Mark **Manufacturing** if the factory, plant, mill, etc., mostly makes things, even if it also sells them.

Mark **Wholesale trade** if the business mostly sells things to stores or other companies.

Mark **Retail trade** if the business mostly sells things (not services) to individuals.

Mark **Other** if the main activity of the employer is not making or selling things. Some examples of **Other** are farming, construction, and services such as those provided by hotels, dry cleaners, repair shops, schools, and banks.

- 29a. Print two or more words to describe the kind of work the person does. If the person is a trainee, apprentice, or helper, include that in the description.

Some examples of what is needed to make an answer acceptable are shown on the census form and here.

Unacceptable

Clerk

Helper

Mechanic

Nurse

Acceptable

Production clerk

Carpenter's helper

Auto engine mechanic

Registered nurse

- b. Print the most important things that the person does on the job. Some examples are shown on the census form.

INSTRUCTIONS FOR QUESTIONS 30 THROUGH 33

30. If the person was an employee of a *private* nonprofit organization, such as a church, fill the first circle:

Mark **Local** government employee for a teacher working in an elementary or secondary public school.

- 31a. Look at the instructions for question 22a to see what to count as work.

b. Count every week in which the person did any work at all, even for an hour.

c. If the hours worked each week varied considerably, give the best estimate of the hours usually worked most weeks.

d. Count every week in which the person did not work at all, but spent any time looking for work or on layoff from a job. *Looking for work* means trying to get a job or start a business or professional practice; *layoff* includes either temporary or indefinite layoff.

32. Fill the **Yes** or **No** circle for each part and enter the appropriate amount. If income from any source was received jointly by household members, report if possible, the appropriate share for each person; otherwise, report the whole amount for only one person and mark **No** for the other person, unless the other person has additional income of the same type.

a. Include sick leave pay. Do not include reimbursement for business

expenses and pay "in kind," (for example, food, lodging received as payment for work performed).

b. Include net earnings (gross earnings minus business expenses) from a nonfarm business. If business lost money, write "Loss" above the amount.

c. Include net earnings (gross receipts minus operating expenses) from a farm. If farm lost money, write "Loss" above the amount.

d. Include interest and dividends credited to the person's account (for example, from savings accounts and stock shares), net royalties, and net income from rental property.

e. Include Social Security or Railroad Retirement payments to retired persons, to dependents of deceased insured workers and to disabled workers.

f. Include public assistance or welfare payments received from Federal, State, or local agencies. Do not include private welfare payments.

g. Include all other regular payments, such as government employee retirement, union or private pensions and annuities; unemployment benefits; worker's compensation; Armed Forces allotments; private welfare payments; regular contributions from persons not living in the household; etc.

Do not include lump-sum payments received from the sale of property (capital gains), insurance policies, inheritances, etc.

33. If no income was received in 1979, fill the **None** circle. If total income was a loss, write "Loss" above the amount.

Please fill out this
official Census Form
and mail it back on
Census Day,
Tuesday, April 1, 1980

1980 Census of the United States

If the address shown below has the wrong apartment identification, please write the correct apartment number or location here:

DO	A1	A2	A4	A5	A6

A message from the Director,
Bureau of the Census . . .

We must, from time to time, take stock of ourselves as a people if our Nation is to meet successfully the many national and local challenges we face. This is the purpose of the 1980 census.

The essential need for a population census was recognized almost 200 years ago when our Constitution was written. As provided by article I, the first census was conducted in 1790 and one has been taken every 10 years since then.

The law under which the census is taken protects the confidentiality of your answers. For the next 72 years — or until April 1, 2052 — only sworn census workers have access to the individual records, and no one else may see them.

Your answers, when combined with the answers from other people, will provide the statistical figures needed by public and private groups, schools, business and industry, and Federal, State, and local governments across the country. These figures will help all sectors of American society understand how our population and housing are changing. In this way, we can deal more effectively with today's problems and work toward a better future for all of us.

The census is a vitally important national activity. Please do your part by filling out this census form accurately and completely. If you mail it back promptly in the enclosed postage-paid envelope, it will save the expense and inconvenience of a census taker having to visit you.

Thank you for your cooperation.

Your answers are confidential

By law (title 13, U.S. Code), census employees are subject to fine and/or imprisonment for any disclosure of your answers. Only after 72 years does your information become available to other government agencies or the public. The same law requires that you answer the questions to the best of your knowledge.

Para personas de habla hispana

(For Spanish-speaking persons):
SI USTED DESEA UN CUESTIONARIO DEL CENSO EN ESPAÑOL llame a la oficina del censo. El número de teléfono se encuentra en el encasillado de la dirección.

O, si prefiere, marque esta casilla y devuelva el cuestionario por correo en el sobre que se le incluye.

How to fill out your Census Form

See the filled-out example in the yellow instruction guide. This guide will help with any problems you may have.

If you need more help, call the Census Office. The telephone number of the local office is shown at the bottom of the address box on the front cover.

Use a black pencil to answer the questions. Black pencil is better to use than ballpoint or other pens.

Fill circles "O" completely, like this ●

When you write in an answer, print or write clearly.

Make sure that answers are provided for everyone here.

See page 4 of the guide if a roomer or someone else in the household does not want to give you all the information for the form.

Answer the questions on pages 1 through 5, and then starting with pages 6 and 7, fill a pair of pages for each person in the household.

Check your answers. Then write your name, the date, and telephone number on page 20.

Mail back this form on Tuesday, April 1, or as soon afterward as you can. Use the enclosed envelope; no stamp is needed.

Please start by answering Question 1 below.

Question 1

List in Question 1

- Family members living here, including babies still in the hospital
- Relatives living here
- Lodgers or boarders living here
- Other persons living here
- College students who stay here while attending college, even if their parents live elsewhere
- Persons who usually live here but are temporarily away (including children in boarding school below the college level)
- Persons with a home elsewhere but who stay here most of the week while working

Do Not List in Question 1

- Any person away from here in the Armed Forces.
- Any college student who stays somewhere else while attending college.
- Any person who usually stays somewhere else most of the week while working there.
- Any person away from here in an institution such as a home for the aged or mental hospital.
- Any person staying or visiting here who has a usual home elsewhere.

1. What is the name of each person who was living here on Tuesday, April 1, 1980, or who was staying or visiting here and had no other home?

Note

If everyone here is staying only temporarily and has a usual home elsewhere, please mark this box .

- Then please:
- answer the questions on pages 2 through 5 only, and
 - enter the address of your usual home on page 20.

Please continue →

Here are the QUESTIONS ↓	These are the columns for ANSWERS Please fill one column for each person listed in Question 1.	PERSON in column 1		PERSON in column 2	
		Last name	Middle initial	Last name	Middle initial
2. How is this person related to the person in column 1? Fill one circle. If "Other relative" of person in column 1, give exact relationship, such as mother-in-law, niece, grandson, etc.		START in this column with the household member (or one of the members) in whose name the home is owned or rented. If there is no such person, start in this column with any adult household member.		If relative of person in column 1: <input type="radio"/> Husband/wife <input type="radio"/> Father/mother <input type="radio"/> Son/daughter <input type="radio"/> Other relative <input type="radio"/> Brother/sister If not related to person in column 1: <input type="radio"/> Roomer, boarder <input type="radio"/> Other nonrelative <input type="radio"/> Partner, roommate <input type="radio"/> Paid employee	
3. Sex Fill one circle.		<input type="radio"/> Male <input checked="" type="checkbox"/> <input type="radio"/> Female		<input type="radio"/> Male <input checked="" type="checkbox"/> <input type="radio"/> Female	
4. Is this person — Fill one circle.		<input type="radio"/> White <input type="radio"/> Asian Indian <input type="radio"/> Black or Negro <input type="radio"/> Hawaiian <input type="radio"/> Japanese <input type="radio"/> Guamanian <input type="radio"/> Chinese <input type="radio"/> Samoan <input type="radio"/> Filipino <input type="radio"/> Eskimo <input type="radio"/> Korean <input type="radio"/> Aleut <input type="radio"/> Vietnamese <input type="radio"/> Other — Specify <input type="radio"/> Indian (Amer.) Print tribe →		<input type="radio"/> White <input type="radio"/> Asian Indian <input type="radio"/> Black or Negro <input type="radio"/> Hawaiian <input type="radio"/> Japanese <input type="radio"/> Guamanian <input type="radio"/> Chinese <input type="radio"/> Samoan <input type="radio"/> Filipino <input type="radio"/> Eskimo <input type="radio"/> Korean <input type="radio"/> Aleut <input type="radio"/> Vietnamese <input type="radio"/> Other — Specify <input type="radio"/> Indian (Amer.) Print tribe →	
5. Age, and month and year of birth a. Print age at last birthday. b. Print month and fill one circle. c. Print year in the spaces, and fill one circle below each number.		a. Age at last birthday: [] b. Month of birth: [] <input type="radio"/> Jan.—Mar. <input checked="" type="checkbox"/> <input type="radio"/> Apr.—June <input type="checkbox"/> <input type="radio"/> July—Sept. <input type="checkbox"/> <input type="radio"/> Oct.—Dec. <input type="checkbox"/> c. Year of birth: 1 8 0 0 1 ● 8 0 0 9 0 1 0 2 0 2 0 3 0 3 0 4 0 4 0 5 0 5 0 6 0 6 0 7 0 7 0 8 0 8 0 9 0 9 0		a. Age at last birthday: [] b. Month of birth: [] <input type="radio"/> Jan.—Mar. <input checked="" type="checkbox"/> <input type="radio"/> Apr.—June <input type="checkbox"/> <input type="radio"/> July—Sept. <input type="checkbox"/> <input type="radio"/> Oct.—Dec. <input type="checkbox"/> c. Year of birth: 1 8 0 0 1 ● 8 0 0 9 0 1 0 2 0 2 0 3 0 3 0 4 0 4 0 5 0 5 0 6 0 6 0 7 0 7 0 8 0 8 0 9 0 9 0	
6. Marital status Fill one circle.		<input type="radio"/> Now married <input type="radio"/> Separated <input type="radio"/> Widowed <input type="radio"/> Never married <input type="radio"/> Divorced		<input type="radio"/> Now married <input type="radio"/> Separated <input type="radio"/> Widowed <input type="radio"/> Never married <input type="radio"/> Divorced	
7. Is this person of Spanish/Hispanic origin or descent? Fill one circle.		<input type="radio"/> No (not Spanish/Hispanic) <input type="radio"/> Yes, Mexican, Mexican-Amer., Chicano <input type="radio"/> Yes, Puerto Rican <input checked="" type="checkbox"/> <input type="radio"/> Yes, Cuban <input type="radio"/> Yes, other Spanish/Hispanic		<input type="radio"/> No (not Spanish/Hispanic) <input type="radio"/> Yes, Mexican, Mexican-Amer., Chicano <input type="radio"/> Yes, Puerto Rican <input checked="" type="checkbox"/> <input type="radio"/> Yes, Cuban <input type="radio"/> Yes, other Spanish/Hispanic	
8. Since February 1, 1980, has this person attended regular school or college at any time? Fill one circle. Count nursery school, kindergarten, elementary school, and schooling which leads to a high school diploma or college degree.		<input type="radio"/> No, has not attended since February 1 <input type="radio"/> Yes, public school, public college <input type="radio"/> Yes, private, church-related <input type="radio"/> Yes, private, not church-related		<input type="radio"/> No, has not attended since February 1 <input type="radio"/> Yes, public school, public college <input type="radio"/> Yes, private, church-related <input type="radio"/> Yes, private, not church-related	
9. What is the highest grade (or year) of regular school this person has ever attended? Fill one circle. If now attending school, mark grade person is in. If high school was finished by equivalency test (GED), mark "12."		Highest grade attended: <input type="radio"/> Nursery school <input type="radio"/> Kindergarten Elementary through high school (grade or year) 1 2 3 4 5 6 7 8 9 10 11 12 ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ College (academic year) <input checked="" type="checkbox"/> 1 2 3 4 5 6 7 8 or more ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ <input type="radio"/> Never attended school — Skip question 10		Highest grade attended: <input type="radio"/> Nursery school <input type="radio"/> Kindergarten Elementary through high school (grade or year) 1 2 3 4 5 6 7 8 9 10 11 12 ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ College (academic year) <input checked="" type="checkbox"/> 1 2 3 4 5 6 7 8 or more ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ <input type="radio"/> Never attended school — Skip question 10	
10. Did this person finish the highest grade (or year) attended? Fill one circle.		<input type="radio"/> Now attending this grade (or year) <input type="radio"/> Finished this grade (or year) <input type="radio"/> Did not finish this grade (or year)		<input type="radio"/> Now attending this grade (or year) <input type="radio"/> Finished this grade (or year) <input type="radio"/> Did not finish this grade (or year)	
		CENSUS USE ONLY A. ○ I ○ N ○ ○		CENSUS USE ONLY A. ○ I ○ N ○ ○	

NOW PLEASE ANSWER QUESTIONS H1—H12 FOR YOUR HOUSEHOLD

If you listed more than 7 persons in Question 1, please see note on page 20.

PERSON in column 7. Last name, First name, Middle initial, Relative of person in column 1, If not related to person in column 1, Sex, Race, Age at last birthday, Month of birth, Marital status, Highest grade attended, CENSUS USE ONLY.

H1. Did you leave anyone out of Question 1 because you were not sure if the person should be listed... H2. Did you list anyone in Question 1 who is away from home now... H3. Is anyone visiting here who is not already listed? H4. How many living quarters, occupied and vacant, are at this address? H5. Do you enter your living quarters... H6. Do you have complete plumbing facilities in your living quarters... H7. How many rooms do you have in your living quarters? H8. Are your living quarters...

H9. Is this apartment (house) part of a condominium? H10. If this is a one-family house - a. Is the house on a property of 10 or more acres? b. Is any part of the property used as a commercial establishment or medical office? H11. If you live in a one-family house or a condominium unit which you own or are buying - What is the value of this property... H12. If you pay rent for your living quarters - What is the monthly rent?

FOR CENSUS USE ONLY. A4. Block number, A6. Serial number, B. Type of unit or quarters, C1. Is this unit for..., C2. Vacancy status, C3. Is this unit boarded up?, D. Months vacant, E. Indicators, F. Total persons.

0 9 7 6 5 4 3 2 1

<p>H13. Which best describes this building? <i>Include all apartments, flats, etc., even if vacant.</i></p> <p><input type="radio"/> A mobile home or trailer <input type="radio"/> A one-family house detached from any other house <input type="radio"/> A one-family house attached to one or more houses <input type="radio"/> A building for 2 families <input type="radio"/> A building for 3 or 4 families <input type="radio"/> A building for 5 to 9 families <input type="radio"/> A building for 10 to 19 families <input type="radio"/> A building for 20 to 49 families <input type="radio"/> A building for 50 or more families <input type="radio"/> A boat, tent, van, etc.</p>	<p>H21a. Which fuel is used most for house heating?</p> <p><input type="radio"/> Gas: from underground pipes serving the neighborhood <input type="radio"/> Gas: bottled, tank, or LP <input type="radio"/> Electricity <input type="radio"/> Fuel oil, kerosene, etc.</p> <p><input type="radio"/> Coal or coke <input type="radio"/> Wood <input type="radio"/> Other fuel <input type="radio"/> No fuel used</p> <p>b. Which fuel is used most for water heating?</p> <p><input type="radio"/> Gas: from underground pipes serving the neighborhood <input type="radio"/> Gas: bottled, tank, or LP <input type="radio"/> Electricity <input type="radio"/> Fuel oil, kerosene, etc.</p> <p><input type="radio"/> Coal or coke <input type="radio"/> Wood <input type="radio"/> Other fuel <input type="radio"/> No fuel used</p>	<p>CENSUS USE</p> <p>H22a.</p> <p>0 0 0 1 1 1 2 2 2 3 3 3 4 4 4 5 5 5 6 6 6 7 7 7 8 8 8 9 9 9</p>
<p>H14a. How many stories (floors) are in this building? <i>Count an attic or basement as a story if it has any finished rooms for living purposes.</i></p> <p><input type="radio"/> 1 to 3 — <i>Skip to H15</i> <input type="radio"/> 7 to 12 <input type="radio"/> 4 to 6 <input type="radio"/> 13 or more stories</p>	<p>c. Which fuel is used most for cooking?</p> <p><input type="radio"/> Gas: from underground pipes serving the neighborhood <input type="radio"/> Gas: bottled, tank, or LP <input type="radio"/> Electricity <input type="radio"/> Fuel oil, kerosene, etc.</p> <p><input type="radio"/> Coal or coke <input type="radio"/> Wood <input type="radio"/> Other fuel <input type="radio"/> No fuel used</p>	<p>H22b.</p> <p>0 0 0 1 1 1 2 2 2 3 3 3 4 4 4 5 5 5 6 6 6 7 7 7 8 8 8 9 9 9</p>
<p>b. Is there a passenger elevator in this building?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p>	<p>H22. What are the costs of utilities and fuels for your living quarters?</p> <p>a. Electricity</p> <p>\$ _____ .00 OR <input type="radio"/> Included in rent or no charge <i>Average monthly cost</i> <input type="radio"/> Electricity not used</p>	<p>H22c.</p> <p>0 0 0 1 1 1 2 2 2 3 3 3 4 4 4 5 5 5 6 6 6 7 7 7 8 8 8 9 9 9</p>
<p>H15a. Is this building —</p> <p><input type="radio"/> On a city or suburban lot, or on a place of less than 1 acre? — <i>Skip to H16</i> <input type="radio"/> On a place of 1 to 9 acres? <input type="radio"/> On a place of 10 or more acres?</p>	<p>b. Last year, 1979, did sales of crops, livestock, and other farm products from this place amount to —</p> <p><input type="radio"/> Less than \$50 (or None) <input type="radio"/> \$250 to \$599 <input type="radio"/> \$1,000 to \$2,499 <input type="radio"/> \$50 to \$249 <input type="radio"/> \$600 to \$999 <input type="radio"/> \$2,500 or more</p>	<p>H22d.</p> <p>0 0 0 1 1 1 2 2 2 3 3 3 4 4 4 5 5 5 6 6 6 7 7 7 8 8 8 9 9 9</p>
<p>H16. Do you get water from —</p> <p><input type="radio"/> A public system (<i>city water department, etc.</i>) or private company? <input type="radio"/> An individual drilled well? <input type="radio"/> An individual dug well? <input type="radio"/> Some other source (<i>a spring, creek, river, cistern, etc.</i>)?</p>	<p>c. Water</p> <p>\$ _____ .00 OR <input type="radio"/> Included in rent or no charge <i>Yearly cost</i> <input type="radio"/> These fuels not used</p>	<p>H23. Do you have complete kitchen facilities? Complete kitchen facilities are a sink with piped water, a range or cookstove, and a refrigerator.</p> <p><input type="radio"/> Yes <input type="radio"/> No</p>
<p>H17. Is this building connected to a public sewer?</p> <p><input type="radio"/> Yes, connected to public sewer <input type="radio"/> No, connected to septic tank or cesspool <input type="radio"/> No, use other means</p>	<p>H24. How many bedrooms do you have? <i>Count rooms used mainly for sleeping even if used also for other purposes.</i></p> <p><input type="radio"/> No bedroom <input type="radio"/> 2 bedrooms <input type="radio"/> 4 bedrooms <input type="radio"/> 1 bedroom <input type="radio"/> 3 bedrooms <input type="radio"/> 5 or more bedrooms</p>	<p>H24.</p> <p>0 0 0 1 1 1 2 2 2 3 3 3 4 4 4 5 5 5 6 6 6 7 7 7 8 8 8 9 9 9</p>
<p>H18. About when was this building originally built? Mark when the building was first constructed, not when it was remodeled, added to, or converted.</p> <p><input type="radio"/> 1979 or 1980 <input type="radio"/> 1960 to 1969 <input type="radio"/> 1940 to 1949 <input type="radio"/> 1975 to 1978 <input type="radio"/> 1950 to 1959 <input type="radio"/> 1939 or earlier <input type="radio"/> 1970 to 1974</p>	<p>H25. How many bathrooms do you have? <i>A complete bathroom is a room with flush toilet, bathtub or shower, and wash basin with piped water.</i> <i>A half bathroom has at least a flush toilet or bathtub or shower, but does not have all the facilities for a complete bathroom.</i></p> <p><input type="radio"/> No bathroom, or only a half bathroom <input type="radio"/> 1 complete bathroom <input type="radio"/> 1 complete bathroom, plus half bath(s) <input type="radio"/> 2 or more complete bathrooms</p>	<p>H25.</p> <p>0 0 0 1 1 1 2 2 2 3 3 3 4 4 4 5 5 5 6 6 6 7 7 7 8 8 8 9 9 9</p>
<p>H19. When did the person listed in column 1 move into this house (or apartment)?</p> <p><input type="radio"/> 1979 or 1980 <input type="radio"/> 1950 to 1959 <input type="radio"/> 1975 to 1978 <input type="radio"/> 1949 or earlier <input type="radio"/> 1970 to 1974 <input type="radio"/> Always lived here <input type="radio"/> 1960 to 1969</p>	<p>H26. Do you have a telephone in your living quarters?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p>	<p>H26.</p> <p>0 0 0 1 1 1 2 2 2 3 3 3 4 4 4 5 5 5 6 6 6 7 7 7 8 8 8 9 9 9</p>
<p>H20. How are your living quarters heated? <i>Fill one circle for the kind of heat used most.</i></p> <p><input type="radio"/> Steam or hot water system <input type="radio"/> Central warm-air furnace with ducts to the individual rooms <i>(Do not count electric heat pumps here)</i> <input type="radio"/> Electric heat pump <input type="radio"/> Other built-in electric units (<i>permanently installed in wall, ceiling, or baseboard</i>)</p>	<p>H27. Do you have air conditioning?</p> <p><input type="radio"/> Yes, a central air-conditioning system <input type="radio"/> Yes, 1 individual room unit <input type="radio"/> Yes, 2 or more individual room units <input type="radio"/> No</p>	<p>H27.</p> <p>0 0 0 1 1 1 2 2 2 3 3 3 4 4 4 5 5 5 6 6 6 7 7 7 8 8 8 9 9 9</p>
<p><input type="radio"/> Floor, wall, or pipeless furnace <input type="radio"/> Room heaters <i>with</i> flue or vent, burning gas, oil, or kerosene <input type="radio"/> Room heaters <i>without</i> flue or vent, burning gas, oil, or kerosene (<i>not portable</i>) <input type="radio"/> Fireplaces, stoves, or portable room heaters of any kind <input type="radio"/> No heating equipment</p>	<p>H28. How many automobiles are kept at home for use by members of your household?</p> <p><input type="radio"/> None <input type="radio"/> 2 automobiles <input type="radio"/> 1 automobile <input type="radio"/> 3 or more automobiles</p>	<p>H28.</p> <p>0 0 0 1 1 1 2 2 2 3 3 3 4 4 4 5 5 5 6 6 6 7 7 7 8 8 8 9 9 9</p>
<p>H29. How many vans or trucks of one-ton capacity or less are kept at home for use by members of your household?</p> <p><input type="radio"/> None <input type="radio"/> 2 vans or trucks <input type="radio"/> 1 van or truck <input type="radio"/> 3 or more vans or trucks</p>	<p>H29.</p> <p>0 0 0 1 1 1 2 2 2 3 3 3 4 4 4 5 5 5 6 6 6 7 7 7 8 8 8 9 9 9</p>	<p>H29.</p> <p>0 0 0 1 1 1 2 2 2 3 3 3 4 4 4 5 5 5 6 6 6 7 7 7 8 8 8 9 9 9</p>

FOR YOUR HOUSEHOLD

Please answer H30—H32 if you live in a one-family house which you own or are buying, unless this is —

- A mobile home or trailer
- A house on 10 or more acres
- A condominium unit
- A house with a commercial establishment or medical office on the property

If any of these, or if you rent your unit or this is a multi-family structure, skip H30 to H32 and turn to page 6.

H30. What were the real estate taxes on this property last year?

\$ _____ .00 OR None

H31. What is the annual premium for fire and hazard insurance on this property?

\$ _____ .00 OR None

H32a. Do you have a mortgage, deed of trust, contract to purchase, or similar debt on this property?

Yes, mortgage, deed of trust, or similar debt

Yes, contract to purchase

No — Skip to page 6

b. Do you have a second or junior mortgage on this property?

Yes No

c. How much is your total regular monthly payment to the lender? Also include payments on a contract to purchase and to lenders holding second or junior mortgages on this property.

\$ _____ .00 OR No regular payment required — Skip to page 6

d. Does your regular monthly payment (amount entered in H32c) include payments for real estate taxes on this property?

Yes, taxes included in payment

No, taxes paid separately or taxes not required

e. Does your regular monthly payment (amount entered in H32c) include payments for fire and hazard insurance on this property?

Yes, insurance included in payment

No, insurance paid separately or no insurance

Please turn to page 6

FOR CENSUS USE ONLY

1	2.	4.	2	2.	4.	3	2.	4.
	S.S.	<input type="radio"/>		S.S.	<input type="radio"/>		S.S.	<input type="radio"/>
	Yes	<input type="radio"/>		Yes	<input type="radio"/>		Yes	<input type="radio"/>
4	2.	4.	5	2.	4.	6	2.	4.
	S.S.	<input type="radio"/>		S.S.	<input type="radio"/>		S.S.	<input type="radio"/>
	Yes	<input type="radio"/>		Yes	<input type="radio"/>		Yes	<input type="radio"/>
7	2.	4.	GQ.	H30.	H31.	H32c.		
	S.S.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		
	Yes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		

PERSON 1 ON PAGE 2

<p>c. When going to work last week, did this person usually —</p> <p><input type="radio"/> Drive alone — <i>Skip to 28</i> <input type="radio"/> Drive others only <input type="radio"/> Share driving <input type="radio"/> Ride as passenger only</p> <p>d. How many people, including this person, usually rode to work in the car, truck, or van last week?</p> <p><input type="radio"/> 2 <input checked="" type="radio"/> 4 <input type="radio"/> 6 <input type="radio"/> 3 <input type="radio"/> 5 <input checked="" type="radio"/> 7 or more</p> <p><i>After answering 24d, skip to 28.</i></p> <p>25. Was this person temporarily absent or on layoff from a job or business last week?</p> <p><input type="radio"/> Yes, on layoff <input type="radio"/> Yes, on vacation, temporary illness, labor dispute, etc. <input type="radio"/> No</p> <p>26a. Has this person been looking for work during the last 4 weeks?</p> <p><input checked="" type="radio"/> Yes <input type="radio"/> No — <i>Skip to 27</i></p> <p>b. Could this person have taken a job last week?</p> <p><input type="radio"/> No, already has a job <input checked="" type="radio"/> <input type="radio"/> No, temporarily ill <input type="radio"/> No, other reasons (<i>in school, etc.</i>) <input checked="" type="radio"/> <input type="radio"/> Yes, could have taken a job</p> <p>27. When did this person last work, even for a few days?</p> <p><input type="radio"/> 1980 <input type="radio"/> 1978 <input type="radio"/> 1970 to 1974 } <i>Skip to 31d</i> <input type="radio"/> 1979 <input type="radio"/> 1975 to 1977 <input type="radio"/> 1969 or earlier <input type="radio"/> Never worked</p> <p>28—30. Current or most recent job activity <i>Describe clearly this person's chief job activity or business last week. If this person had more than one job, describe the one at which this person worked the most hours. If this person had no job or business last week, give information for last job or business since 1975.</i></p> <p>28. Industry</p> <p>a. For whom did this person work? If now on active duty in the Armed Forces, print "AF" and skip to question 31.</p> <p>_____ <i>(Name of company, business, organization, or other employer)</i></p> <p>b. What kind of business or industry was this? <i>Describe the activity at location where employed.</i></p> <p>_____ <i>(For example: Hospital, newspaper publishing, mail order house, auto engine manufacturing, breakfast cereal manufacturing)</i></p> <p>c. Is this mainly — (Fill one circle)</p> <p>Manufacturing <input checked="" type="radio"/> Retail trade Wholesale trade <input type="radio"/> Other — (<i>agriculture, construction, service, government, etc.</i>)</p> <p>29. Occupation</p> <p>a. What kind of work was this person doing?</p> <p>_____ <i>(For example: Registered nurse, personnel manager, supervisor of order department, gasoline engine assembler, grinder operator)</i></p> <p>b. What were this person's most important activities or duties?</p> <p>_____ <i>(For example: Patient care, directing hiring policies, supervising order clerks, assembling engines, operating grinding mill)</i></p> <p>30. Was this person — (Fill one circle)</p> <p>Employee of private company, business, or individual, for wages, salary, or commissions <input checked="" type="radio"/></p> <p>Federal government employee <input type="radio"/></p> <p>State government employee <input type="radio"/></p> <p>Local government employee (<i>city, county, etc.</i>) <input type="radio"/></p> <p>Self-employed in own business, professional practice, or farm —</p> <p>Own business not incorporated <input type="radio"/></p> <p>Own business incorporated <input type="radio"/></p> <p>Working without pay in family business or farm <input type="radio"/></p>	<p>CENSUS USE</p> <p>21b.</p> <p>I 0 0 1 1 1 0 2 2 II 3 3 0 4 4 III 5 0 6 6 IV 7 7 0 8 8 0 9 9</p> <p>22b.</p> <p>A B C 0 0 0 0 0 0 D E F 0 0 0 G H J 0 0 0 K L M 0 0 0 0 0 0 0 0 0 AF 0 NW 0</p> <p>29.</p> <p>N P Q 0 0 0 0 0 0 R S T 0 0 0 0 0 0 U V W 0 0 0 0 0 0 X Y Z 0 0 0 0 0 0 I I 2 2 3 3 3 4 4 4 5 5 5 6 6 6 7 7 7 8 8 8 9 9 9</p>	<p>31a. Last year (1979), did this person work, even for a few days, at a paid job or in a business or farm?</p> <p><input type="radio"/> Yes <input checked="" type="radio"/> No — <i>Skip to 31d</i></p> <p>b. How many weeks did this person work in 1979? <i>Count paid vacation, paid sick leave, and military service.</i></p> <p>_____ Weeks</p> <p>c. During the weeks worked in 1979, how many hours did this person usually work each week?</p> <p>_____ Hours</p> <p>d. Of the weeks not worked in 1979 (if any), how many weeks was this person looking for work or on layoff from a job?</p> <p>_____ Weeks</p> <p>32. Income in 1979 — <i>Fill circles and print dollar amounts. If net income was a loss, write "Loss" above the dollar amount. If exact amount is not known, give best estimate. For income received jointly by household members, see Instruction guide.</i></p> <p>During 1979 did this person receive any income from the following sources?</p> <p><i>If "Yes" to any of the sources below — How much did this person receive for the entire year?</i></p> <p>a. Wages, salary, commissions, bonuses, or tips from all jobs <i>Report amount before deductions for taxes, bonds, dues, or other items.</i></p> <p><input type="radio"/> Yes → \$ _____ .00 <input type="radio"/> No <i>(Annual amount — Dollars)</i></p> <p>b. Own nonfarm business, partnership, or professional practice <i>Report net income after business expenses.</i></p> <p><input checked="" type="radio"/> Yes → \$ _____ .00 <input type="radio"/> No <i>(Annual amount — Dollars)</i></p> <p>c. Own farm. <i>Report net income after operating expenses. Include earnings as a tenant farmer or sharecropper.</i></p> <p><input type="radio"/> Yes → \$ _____ .00 <input type="radio"/> No <i>(Annual amount — Dollars)</i></p> <p>d. Interest, dividends, royalties, or net rental income <i>Report even small amounts credited to an account.</i></p> <p><input type="radio"/> Yes → \$ _____ .00 <input type="radio"/> No <i>(Annual amount — Dollars)</i></p> <p>e. Social Security or Railroad Retirement</p> <p><input checked="" type="radio"/> Yes → \$ _____ .00 <input type="radio"/> No <i>(Annual amount — Dollars)</i></p> <p>f. Supplemental Security (SSI), Aid to Families with Dependent Children (AFDC), or other public assistance or public welfare payments</p> <p><input type="radio"/> Yes → \$ _____ .00 <input type="radio"/> No <i>(Annual amount — Dollars)</i></p> <p>g. Unemployment compensation, veterans' payments, pensions, alimony or child support, or any other sources of income received regularly</p> <p><input checked="" type="radio"/> Yes → \$ _____ .00 <input type="radio"/> No <i>(Annual amount — Dollars)</i></p> <p>33. What was this person's total income in 1979? <i>Add entries in questions 32a through g; subtract any losses.</i></p> <p>\$ _____ .00 <i>(Annual amount — Dollars)</i></p> <p><i>If total amount was a loss, write "Loss" above amount.</i> OR <input type="radio"/> None</p>	<p>CENSUS USE ONLY</p> <p>31b. 31c. 31d</p> <p>0 0 0 0 0 0 0 0 0 1 1 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 3 3 3 3 3 3 3 3 3 4 4 4 4 4 4 4 4 4 5 5 5 5 5 5 5 5 5 6 6 6 6 6 6 6 6 6 7 7 7 7 7 7 7 7 7 8 8 8 8 8 8 8 8 8 9 9 9 9 9 9 9 9 9</p> <p>32a. 32b.</p> <p>0 0 0 0 0 0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 3 3 3 3 3 3 3 3 3 3 4 4 4 4 4 4 4 4 4 4 5 5 5 5 5 5 5 5 5 5 6 6 6 6 6 6 6 6 6 6 7 7 7 7 7 7 7 7 7 7 8 8 8 8 8 8 8 8 8 8 9 9 9 9 9 9 9 9 9 9</p> <p>32c. 32d.</p> <p>0 0 0 0 0 0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 3 3 3 3 3 3 3 3 3 3 4 4 4 4 4 4 4 4 4 4 5 5 5 5 5 5 5 5 5 5 6 6 6 6 6 6 6 6 6 6 7 7 7 7 7 7 7 7 7 7 8 8 8 8 8 8 8 8 8 8 9 9 9 9 9 9 9 9 9 9</p> <p>32e. 32f.</p> <p>0 0 0 0 0 0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 3 3 3 3 3 3 3 3 3 3 4 4 4 4 4 4 4 4 4 4 5 5 5 5 5 5 5 5 5 5 6 6 6 6 6 6 6 6 6 6 7 7 7 7 7 7 7 7 7 7 8 8 8 8 8 8 8 8 8 8 9 9 9 9 9 9 9 9 9 9</p> <p>32g. 33.</p> <p>0 0 0 0 0 0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 3 3 3 3 3 3 3 3 3 3 4 4 4 4 4 4 4 4 4 4 5 5 5 5 5 5 5 5 5 5 6 6 6 6 6 6 6 6 6 6 7 7 7 7 7 7 7 7 7 7 8 8 8 8 8 8 8 8 8 8 9 9 9 9 9 9 9 9 9 9</p>
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➔ Please turn to the next page and answer the questions for Person 2 on page 2

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GENERAL

The results of the 1980 Census of Population and Housing are issued in three forms: printed reports, computer tape

files, and microfiche. Most of the reports listed are issued on a flow basis through 1983. A few may be issued later, such as Subject Reports and Evaluation and Reference Reports.

The publications of the 1980 census are released under three subject titles: *1980 Census of Population and Housing*, *1980 Census of Population*, and *1980 Census of Housing*. The description of the publication program below is organized in sections, by census title, followed by the reports under each title. It should be noted that a number of population census reports contain some housing data and a number of housing census reports contain some population data. Following the description of the publication program are sections on computer tapes, maps, and microfiche.

The data product descriptions include listings of geographic areas for which data are summarized in that product. Note that the term "place" refers to incorporated places and census designated (or unincorporated) places, as well as towns and townships in 11 States (the 6 New England States, the 3 Middle Atlantic States, Michigan, and Wisconsin).

Order forms for these materials are available, subject to availability of the data product, from Data User Services Division, Customer Services, Bureau of the Census, Washington, D.C. 20233; Census Bureau Regional Offices; U.S. Department of Commerce District Offices; and State Data Centers. After issuance, census reports are on file in many libraries and are available for examination at any Department of Commerce District Office or Census Bureau Regional Office.

PUBLICATIONS

Population and Housing Census Reports

PHC80-1, Block Statistics—These reports, which are issued on microfiche rather

than in print form, present population and housing unit totals and statistics on selected characteristics which are based on complete-count tabulations. Data are shown for blocks in urbanized areas and selected adjacent areas, for blocks in places of 10,000 or more inhabitants, and for blocks in areas which contracted with the Census Bureau to provide block statistics.

The set of reports consists of 374 sets of microfiche and includes a report for each standard metropolitan statistical area (SMSA), showing blocked areas within the SMSA, and a report for each State and for Puerto Rico, showing blocked areas outside SMSA's. In addition to microfiche, printed detailed maps showing the blocks covered by the particular report are available as well as a U.S. Summary, which is an index to the set.

PHC80-2, Census Tracts—Statistics for most of the population and housing subjects included in the 1980 census are presented for census tracts in SMSA's and in other tracted areas. Both complete-count data and sample data are included. Most statistics are presented by race and Spanish origin for areas with at least a specified number of persons in the relevant population group.

There is one report for each SMSA, as well as one for each of the States and Puerto Rico which have tracted areas outside SMSA's. In addition, maps showing the boundaries and identification numbers of census tracts in the SMSA are available as well as a U.S. Summary, which is an index to the set and also provides a historical listing of the total number of tracts by area.

PHC80-3, Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas—Statistics are presented on total population and on complete-count and sample population characteristics such as age, race, education, disability, ability to speak English, labor force, and income, and on total housing units and housing characteristics such as value, age of structure, and rent. These statistics are shown for the following areas or their equivalents: States, SMSA's, counties, county subdivisions (those which are functioning general-purpose local governments), and incorporated places.

There is one report for each State, the District of Columbia, and Puerto Rico.

This series does not include a U.S. Summary.

PHC80-4, Congressional Districts of the 98th Congress—These reports present complete-count and sample data for congressional districts of the 98th Congress. The reports reflect redistricting based on the 1982 elections. One report is issued for each of the 50 States and the District of Columbia.

PHC80-S1-1, Provisional Estimates of Social, Economic, and Housing Characteristics—This report presents provisional estimates based on sample data collected in the 1980 census. Data on social, economic, and housing characteristics are shown for the United States as a whole, each State, the District of Columbia, and SMSA's of 1 million or more inhabitants.

These data are based on a special subsample of the full census sample. The sample, which represents about 1.6 percent of the total population, was developed to provide users with initial data on characteristics of the population and housing units for the Nation and large areas.

PHC80-S2, Advance Estimates of Social, Economic, and Housing Characteristics—These reports present advance sample data from the 1980 census including such social and economic characteristics of the population as education, migration, labor force, and income as well as housing characteristics such as structural information, mortgage, and gross rent.

The set consists of 50 paperbound reports and includes one report for each State and the District of Columbia. No report will be issued for the United States as a whole.

Each report presents population and housing characteristics for the State, its counties or comparable areas, and places of 25,000 or more inhabitants. Selected data are shown for four race groups (White; Black; combined American Indian, Eskimo, and Aleut; and Asian and Pacific Islander) as well as for persons of Spanish origin.

Population Census Reports

PC80-1, Volume 1, Characteristics of the Population—This volume presents final

population counts and statistics on population characteristics. It consists of reports for the following 57 areas: the United States, each of the 50 States, the District of Columbia, Puerto Rico, and the Outlying Areas—Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands and the remainder of the Trust Territory of the Pacific Islands. The volume consists of four chapters for each area, chapters A, B, C, and D. Chapters A and B present data collected on a complete-count basis, and chapters C and D present estimates based on sample information, except for the Outlying Areas where all data were collected on a complete-count basis.

The population totals presented in chapters A and B may differ from the counts presented earlier in the PHC80-V reports because corrections were made for errors found after the PHC80-V reports were issued. Chapters B, C, and D present statistics by race and Spanish origin for areas with at least a specified number of the relevant population group.

The U.S. Summary reports present statistics for the United States, regions, divisions, States, and selected areas below the State level. The State or equivalent Area reports (which include the District of Columbia, Puerto Rico, and the Outlying Areas) present statistics for the State or equivalent area and its subdivisions.

Statistics for each of the 57 areas are issued in separate paperbound reports of chapters A, B, C, and D.

PC80-1-A, Chapter A, Number of Inhabitants—Final population counts are shown for the following areas or their equivalents: States, counties, county subdivisions, incorporated places and census designated places, standard consolidated statistical areas (SCSA's), SMSA's, and urbanized areas. Selected tables contain population counts by urban and rural residence. Many tables contain population counts from previous censuses.

PC80-1-B, Chapter B, General Population Characteristics—Statistics on household relationship, age, race, Spanish origin, sex, and marital status are shown for the following areas or their equivalents: States, counties (by total and rural residence), county subdivisions, places of 1,000 or more inhabitants, SCSA's,

SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages.

PC80-1-C, Chapter C, General Social and Economic Characteristics—Statistics are presented on nativity, State or country of birth, citizenship and year of immigration for the foreign-born population, language spoken at home and ability to speak English, ancestry, fertility, family composition, type of group quarters, marital history, residence in 1975, journey to work, school enrollment, years of school completed, disability, veteran status, labor force status, occupation, industry, class of worker, labor force status in 1979, income in 1979, and poverty status in 1979. In addition, data on subjects shown in the PC80-1-B reports are presented in this report in more detail.

Each subject is shown for some or all of the following areas or their equivalents: States, counties (by rural and rural-farm residence), places of 2,500 or more inhabitants, SCSA's, SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages.

PC80-1-D, Chapter D, Detailed Population Characteristics—Statistics on most of the subjects covered in the PC80-1-C reports are presented in this report in considerably greater detail and cross-classified by age, race, Spanish origin, and other characteristics. Each subject is shown for the State or equivalent area, and some subjects are also shown for rural residence at the State level. Most subjects are shown for SMSA's of 250,000 or more inhabitants, and a few are shown for central cities of these SMSA's.

PC80-2, Volume 2, Subject Reports—Each of the reports in this volume focuses on a particular subject and provides highly detailed distributions and cross-classifications on a national, regional, and divisional level. A few reports show statistics for States, SMSA's, large cities, American Indian reservations, or Alaska Native villages. Separate reports are issued on such subjects as racial and ethnic groups, type of residence, fertility, families, marital status, migration, education, employment, occupation, industry, journey to work, income, poverty status, and other topics.

PC80-S1, Supplementary Reports—These reports present special compilations of

1980 census statistics dealing with specific population subjects.

Housing Census Reports

HC80-1, Volume 1, Characteristics of Housing Units—This volume presents final housing unit counts and statistics on housing characteristics. It consists of reports for the following 57 areas: the United States, each of the 50 States, the District of Columbia, Puerto Rico, and the Outlying Areas—Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands and the remainder of the Trust Territory of the Pacific Islands. The volume consists of two chapters for each area, chapters A and B. Chapter A presents data collected on a complete-count basis, and chapter B presents estimates based on sample information, except for the Outlying Areas where all data were collected on a complete-count basis.

The housing totals presented in this report may differ from the counts presented earlier in the PHC80-V reports because corrections were made for errors found after the PHC80-V reports were issued. Both chapters present statistics by race and Spanish origin for areas with at least a specified number of the relevant population group.

The U.S. Summary reports present statistics for the United States, regions, divisions, States, and selected areas below the State level. The State or equivalent Area reports (which include the District of Columbia, Puerto Rico, and the Outlying Areas) present statistics for the State or equivalent area and its subdivisions.

Statistics for each of the 57 areas are issued in separate paperbound reports of chapters A and B.

HC80-1-A, Chapter A, General Housing Characteristics—Statistics on units at address, tenure, condominium status, number of rooms, persons per room, plumbing facilities, value, contract rent, and vacancy status are shown for some or all of the following areas or their equivalents: States, counties, county subdivisions, places of 1,000 or more inhabitants, SCSA's, SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages. Selected tables contain housing characteristics by urban and rural residence.

HC80-1-B, Chapter B, Detailed Housing Characteristics—Statistics on units in structure, year moved into unit, year structure built, heating equipment, fuels, air-conditioning, source of water, sewage disposal, gross rent, and selected monthly ownership costs are shown for some or all of the following areas or their equivalents: States, counties, places of 2,500 or more inhabitants, SCSA's, SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages. Selected tables show housing characteristics for rural and rural farm residence at the State and county level. Some subjects included in the HC80-1-A reports are also covered in this report in more detail.

HC80-2, Volume 2, Metropolitan Housing Characteristics—This volume presents statistics on most of the 1980 housing census subjects in considerable detail and cross-classification. Most statistics are presented by race and Spanish origin for areas with at least a specified number of the relevant population group. Data are shown for States or equivalent areas, SMSA's and their central cities, and other cities of 50,000 or more inhabitants.

There is one report for each SMSA and one report for each State and Puerto Rico. The set includes a U.S. Summary report showing these statistics for the United States and regions.

HC80-3, Volume 3, Subject Reports—Each of the reports in this volume focuses on a particular subject and provides highly detailed distributions and cross-classifications on a national, regional, and divisional level. Separate reports are issued on housing of the elderly, mobile homes, and American Indian households.

HC80-4, Volume 4, Components of Inventory Change—This volume consists of two reports presenting statistics on the 1980 characteristics of housing units which existed in 1973, as well as on newly constructed units, conversions, mergers, demolitions, and other additions and losses to the housing inventory between 1973 and 1980. These reports present data derived from a sample survey conducted in the fall of 1980. Data are presented for the United States and regions in report I. Report II has two parts: Part A presents data for that group of SMSA's (not individually identified)

with populations of 1 million or more at the time of the 1970 census, and part B presents data for that group of SMSA's (not individually identified) with populations of less than 1 million at the time of the 1970 census.

HC80-5, Volume 5, Residential Finance—

This volume consists of one report presenting statistics on the financing of non-farm homeowner and rental and vacant properties, including characteristics of the mortgage, property, and owner. The statistics are based on a sample survey conducted in the spring of 1981. Data are presented for the United States and regions. Some data are presented by inside and outside SMSA's and by central cities.

HC80-S1-1, Supplementary Reports—

These reports present statistics from the 1980 Census of Housing on general characteristics of housing units for the 50 States and the District of Columbia, counties, and independent cities.

Evaluation and Reference Reports

PHC80-E, Evaluation and Research Reports—

These reports present the results of the extensive evaluation program conducted as an integral part of the 1980 census. This program relates to such matters as completeness of enumeration and quality of the data on characteristics.

PHC80-R, Reference Reports—These reports present information on the various administrative and methodological aspects of the 1980 census. The series includes:

PHC80-R1, Users' Guide—This report covers subject content, procedures, geography, statistical products, limitations of the data, sources of user assistance, notes on data use, a glossary of terms, and guides for locating data in reports and tape files. The guide is issued in loose-leaf form and sold in parts (R1-A, B, etc.) as they are printed.

PHC80-R2, History—This report describes in detail all phases of the 1980 census, from the earliest planning through all stages to the dissemination of data and evaluation of results. It contains detailed discussion of 1980 census questions and their use in previous decennial censuses.

PHC80-R3, Alphabetical Index of Industries and Occupations—This report was developed primarily for use in classifying responses to the questions on the kind of business (industry) and kind of work (occupation) in which the respondent is engaged. The index lists approximately 20,000 industry and 29,000 occupation titles in alphabetical order.

PHC80-R4, Classified Index of Industries and Occupations—This report defines the industrial and occupational classification systems adopted for the 1980 Census of Population. It presents the individual titles that constitute each of the 231 industry and 503 occupation categories in the classification systems. The individual titles are the same as those shown in the Alphabetical Index. The 1980 occupation classification reflects the new U.S. Standard Occupational Classification (SOC). As in the past, the 1980 industry classification reflects the Standard Industrial Classification (SIC).

PHC80-R5, Geographic Identification Code Scheme—This report identifies the names and related geographic codes for each State, county, minor civil division, place, region, division, SCSA, SMSA, American Indian reservation, and Alaska Native village for which the Census Bureau tabulated data from the 1980 census.

COMPUTER TAPES

Summary Tape Files

In addition to the printed and microfiche reports, results of the 1980 census also are provided on computer tape in the form of summary tape files (STF's). These data products have been designed to provide statistics with greater subject and geographic detail than is feasible or desirable to provide in printed and microfiche reports. The STF data are made available at nominal cost. The data are subject to suppression of certain detail where necessary to protect confidentiality.

There are five STF's (listed below), and the amount of geographic and subject detail presented varies. STF's 1 and 2 contain complete-count data, and STF's 3, 4, and 5 contain sample data. Note that the term "cells" used below refers

to the number of subject statistics provided for each geographic area, and the number of cells is indicative of the detail of the subject content of the file.

Each of the STF's generally consists of two or more files which provide different degrees of geographic detail and, in some cases, race/Spanish origin cross-classification. For each of the files there is a separate tape or tapes for each State, the District of Columbia, and Puerto Rico. Selected files (STF 1 and STF 3) are also produced for Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands and the remainder of the Trust Territory of the Pacific Islands. These tapes are issued on a State-by-State basis and are followed by a national summary tape for the particular file. More complete descriptions of the STF's than given in the summaries below can be found in the technical documentation of the specific file and in the PHC80-R1, *Users' Guide*.

STF 1—This STF provides 321 cells of complete-count population and housing data. Data are summarized for the United States, regions, divisions, States, SCSA's, SMSA's, urbanized areas, congressional districts, counties, county subdivisions, places, census tracts, enumeration districts in unblocked areas, and blocks and block groups in blocked areas. The data include those shown in the PHC80-1, PHC80-3 (complete-count), and PC80-1-A reports.

STF 2—This STF contains 2,292 cells of detailed complete-count population and housing data, of which 962 are repeated for each race and Spanish origin group present in the tabulation area. Data are summarized for the United States, regions, divisions, States, SCSA's, SMSA's, urbanized areas, counties, county subdivisions, places of 1,000 or more inhabitants, census tracts, American Indian reservations, and Alaska Native villages. The data include those shown in the PHC80-2 (complete-count), PC80-1-B, and HC80-1-A reports.

STF 3—This STF contains 1,126 cells of data on various population and housing subjects collected on a sample basis. The areas covered are the same as in STF 1, excluding blocks. The data include those shown in the PHC80-3 (sample) reports.

STF 4—This STF is the geographic counterpart of STF 2, but the number of cells of data is greater (approximately 8,400). STF 4 provides data covering virtually all of the population and housing subjects collected on a sample basis, as well as some of the complete-count subjects. Some of the statistics are repeated for race, Spanish origin, and ancestry groups. Data are summarized for areas similar to those shown in STF 2, except that data for places are limited to those with 2,500 or more inhabitants. The data include those shown in the PHC80-2 (sample), PC80-1-C, and HC80-1-B reports.

STF 5—This STF contains over 100,000 cells of data on various population and housing subjects collected on a sample basis and provides detailed tabulations and cross-classifications for States, SMSA's, counties, cities of 50,000 or more inhabitants and central cities. Most subjects are classified by race and Spanish origin. The data include those shown in the PC80-1-D and HC80-2 reports.

Other Computer Tape Files

P.L. 94-171, Population Counts—In accordance with Public Law (P.L.) 94-171, the Census Bureau provides population tabulations to all States for legislative reapportionment/redistricting. The file is issued on a State-by-State basis. It contains population counts classified by race and Spanish origin. The data are tabulated for the following levels of geography as applicable: States, counties, county subdivisions, incorporated places, census tracts, blocks and block groups in blocked areas, and enumeration districts in unblocked areas. For States participating in the voluntary program to define election precincts in conjunction with the Census Bureau, the data are also tabulated for election precincts.

Master Area Reference Files 1 and 2 (MARF)

MARF 1—This geographic reference file is an extract of STF 1 designed for those who require a master list of geographic codes and areas, along with basic census counts arranged hierarchically from the State down to the block group and enumeration district levels and is issued on a State-by-State basis. The file contains records for States, counties, county subdivisions, places, census tracts, enumeration districts in unblocked areas, and block groups in blocked areas. Each record shows the total population by five race groups, population of Spanish origin, number of housing units, number of households, number of families, and a few other items.

MARF 2—This file is the same as the MARF 1 with the latitude and longitude coordinates for a representative point (centroid) in each block group (BG) or enumeration district (ED) outside block numbered areas.

Geographic Base File/Dual Independent Map Encoding (GBF/DIME)—These files are computer representations of the Metropolitan Map Series, including address ranges and ZIP Codes, which generally cover the urbanized portions of SMSA's. GBF/DIME files are used to assign census geographic codes to addresses (geocoding). The files are available by SMSA.

Public-Use Microdata Samples—Public-use microdata samples are computerized files containing most population and housing characteristics as shown on a sample of individual census records. These files contain no names or addresses, and geographic identification is sufficiently broad to protect confidentiality.

There are three mutually exclusive samples, the A sample including 5 percent of all persons and housing units, and the

B and C samples each including 1 percent of all persons and housing units. States and most large SMSA's will be identifiable on one or more of the files. Microdata files allow the user to prepare customized tabulations.

Census/EEO Special File—This file provides sample census data with specified relevance to EEO and affirmative action uses. The file contains two tabulations, one with detailed occupational data and the other with years of school completed by age. The data in both tabulations are crossed by sex, race, and Spanish origin. These data are provided for all counties, for all SMSA's, and for places with a population of 50,000 or more.

MAPS

Maps necessary to define areas are generally published and included as part of the corresponding reports. Maps are published for Block Statistics (PHC80-1) and Census Tracts (PHC80-2), but must be purchased separately from the report. Maps necessary to define enumeration districts are available on a cost-of-reproduction basis.

MICROFICHE

Some of the computer tape products are available on microfiche. The STF microfiche are issued for each State or Area and for the United States. These include:

STF 1 Microfiche—Data from STF 1 are presented in tabular form for all the STF 1 geographic levels described previously, except blocks.

STF 3 Microfiche—Data from STF 3 are presented in tabular form for all the STF 3 geographic levels.

P.L. 94-171 Counts Microfiche—The data from the P.L. 94-171 computer file are presented in a listing format.

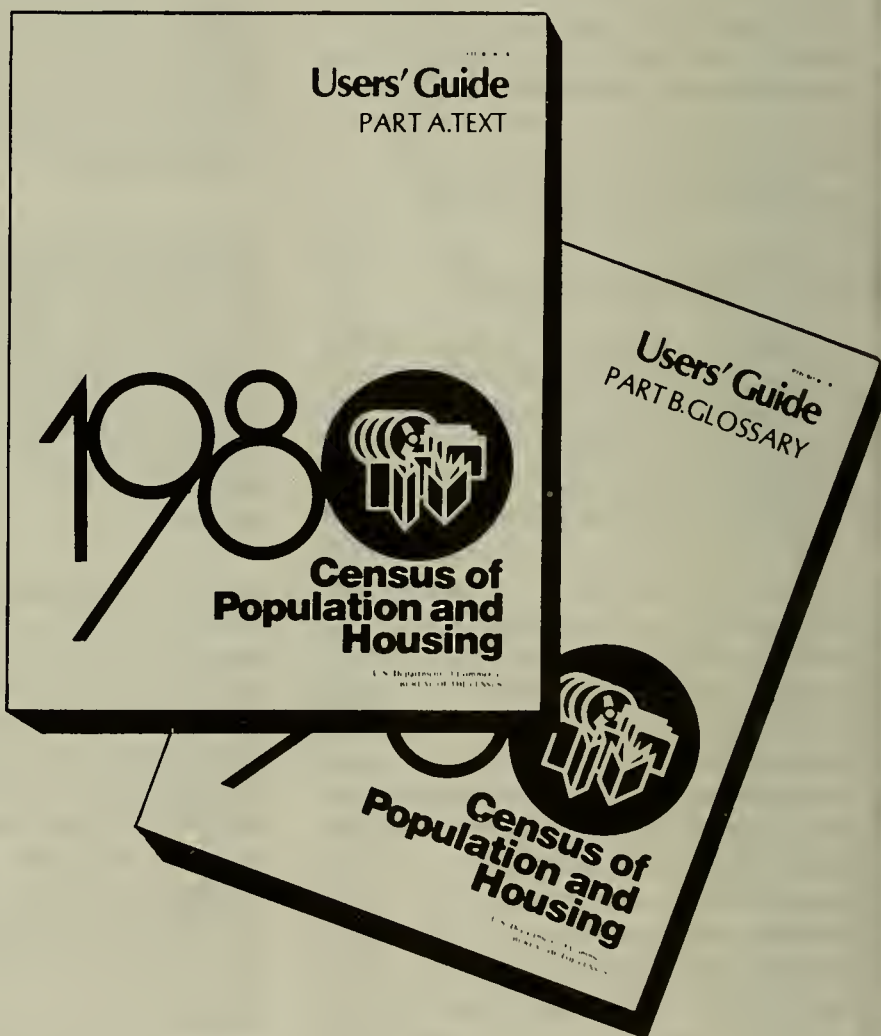
1980 Census of Population and Housing

Users' Guide

The Users' Guide, a reference work on the 1980 census, is now available. It consists of:

- **Part A. Text**—Covers census data subjects; geographic considerations; reports, tapes, maps, and other products; services available to users; and many other topics central to understanding and using 1980 census data.
- **Part B. Glossary**—Provides detailed definitions of population, housing, geographic, and technical terms associated with the census—especially important for people using 1980 data on tape or microfiche.
- **Sources of Assistance**—Furnishes addresses and phone numbers of public and private sector organizations offering a variety of products and services, such as tape processing, area profiles, training, and reference assistance.
- **Updates**—Provide information on new developments relating to the 1980 census. Each update is keyed to the particular point in "Part A. Text" that needs revision.

Part C, a table finder, and Part D, a guide to tape contents, are planned for publication later.



Order from Superintendent of Documents, Government Printing Office, Washington, D.C. 20402. Specify the stock number (S/N) given below and make checks payable to Superintendent of Documents.

Part A. Text (S/N 003-024-03625-8)—\$5.50. Supplement 1 (S/N 003-024-05004-8)—\$6.00 (includes Part B. Glossary, Sources of Assistance, and Updates)

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Census of housing (1980).

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