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# Metropolitan Housing Characteristics

**KENOSHA, WIS.**

STANDARD METROPOLITAN STATISTICAL AREA



# Census of Housing

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# 1980 Census of Housing

VOLUME 2

## Metropolitan Housing Characteristics

**KENOSHA, WIS.**

HC80-2-201

Issued October 1983



U.S. Department of Commerce  
Malcolm Baldrige, Secretary  
Robert G. Dederick,  
Under Secretary for  
Economic Affairs

**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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2	Alabama	42	South Carolina	78	Atlantic City, N.J.	115	Charleston, W. Va.
3	Alaska	43	South Dakota	79	Augusta, Ga.-S.C.	116	Charlotte-Gastonia, N.C.
4	Arizona	44	Tennessee	80	Austin, Tex.	117	Charlottesville, Va.
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.
26	Mississippi	66	Amarillo, Tex.	102	Bristol, Conn.	139	Des Moines, Iowa
27	Missouri	67	Anaheim-Santa Ana-Garden Grove, Calif.	103	Brockton, Mass.	140	Detroit, Mich.
28	Montana	68	Anchorage, Alaska	104	Brownsville-Harlingen- San Benito, Tex.	141	Dubuque, Iowa
29	Nebraska	69	Anderson, Ind.	105	Bryan-College Station, Tex.	142	Duluth-Superior, Minn.
30	Nevada	70	Anderson, S.C.	106	Buffalo, N.Y.	143	Eau Claire, Wis.
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32	New Jersey	72	Anniston, Ala.	108	Burlington, Vt.	145	Elkhart, Ind.
33	New Mexico	73	Appleton-Oshkosh, Wis.	109	Caguas, P.R.	146	Elmira, N.Y.
34	New York	74	Arecibo, P.R.	110	Canton, Ohio	147	Enid, Okla.
35	North Carolina	75	Asheville, N.C.	111	Casper, Wyo.		
36	North Dakota	76	Athens, Ga.	112	Cedar Rapids, Iowa		
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38	Oklahoma						
39	Oregon						
40	Pennsylvania						

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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.
153	Fayetteville, N.C.	192	Jacksonville, N.C.	232	Madison, Wis.	269	Odessa, Tex.
154	Fayetteville-Springdale, Ark.	193	Janesville-Beloit, Wis.	233	Manchester, N.H.	270	Oklahoma City, Okla.
155	Fitchburg-Leominster, Mass.	194	Jersey City, N.J.	234	Mansfield, Ohio		
		195	Johnson City-Kingsport- Bristol, Tenn.-Va.	235	Mayagüez, P.R.	271	Olympia, Wash.
				236	McAllen-Pharr-Edinburg, Tex.	272	Omaha, Nebr.-Iowa
156	Flint, Mich.	196	Johnstown, Pa.	237	Medford, Oreg.	273	Orlando, Fla.
157	Florence, Ala.	197	Joplin, Mo.	238	Melbourne-Titusville- Cocoa, Fla.	274	Owensboro, Ky.
158	Florence, S.C.	198	Kalamazoo-Portage, Mich.			275	Oxnard-Simi Valley- Ventura, Calif.
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.
163	Fort Walton Beach, Fla.	204	Kokomo, Ind.	242	Midland, Tex.	280	Pensacola, Fla.
164	Fort Wayne, Ind.	205	La Crosse, Wis.	243	Milwaukee, Wis.		
165	Fresno, Calif.			244	Minneapolis-St. Paul, Minn.-Wis.	281	Peoria, Ill.
		206	Lafayette, La.	245	Mobile, Ala.	282	Petersburg-Colonial Heights-Hopewell, Va.
166	Gadsden, Ala.	207	Lafayette-West Lafayette, Ind.			283	Philadelphia, Pa.-N.J.
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.	211	Lansing-East Lansing, Mich.	249	Muncie, Ind.	286	Pittsburgh, Pa.
		212	Laredo, Tex.	250	Muskegon-Norton Shores- Muskegon Heights, Mich.	287	Pittsfield, Mass.
171	Grand Forks, N.Dak.- Minn.	213	Las Cruces, N. Mex.	251	Nashua, N.H.	288	Ponce, P.R.
172	Grand Rapids, Mich.	214	Las Vegas, Nev.	252	Nashville-Davidson, Tenn.	289	Portland, Maine
173	Great Falls, Mont.	215	Lawrence, Kans.	253	Nassau-Suffolk, N.Y.	290	Portland, Oreg.-Wash.
174	Greeley, Colo.			254	New Bedford, Mass.		
175	Green Bay, Wis.	216	Lawrence-Haverhill, Mass.-N.H.	255	New Britain, Conn.	291	Portsmouth-Dover- Rochester, N.H.-Maine
		217	Lawton, Okla.	256	New Brunswick-Perth Amboy-Sayreville, N.J.	292	Poughkeepsie, N.Y.
176	Greensboro-Winston-Salem- High Point, N.C.	218	Lewiston-Auburn, Maine	257	New Haven-West Haven, Conn.	293	Providence-Warwick- Pawtucket, R.I.-Mass.
177	Greenville-Spartanburg, S.C.	219	Lexington-Fayette, Ky.	258	New London-Norwich, Conn.-R.I.	294	Provo-Orem, Utah
178	Hagerstown, Md.	220	Lima, Ohio	259	New Orleans, La.	295	Pueblo, Colo.
179	Hamilton-Middletown, Ohio			260	New York, N.Y.-N.J.		
180	Harrisburg, Pa.	221	Lincoln, Nebr.			296	Racine, Wis.
		222	Little Rock-North Little Rock, Ark.	261	Newark, N.J.	297	Raleigh-Durham, N.C.
181	Hartford, Conn.	223	Long Branch-Asbury Park, N.J.	262	Newark, Ohio	298	Reading, Pa.
182	Hickory, N.C.	224	Longview-Marshall, Tex.	263	Newburgh-Middletown, N.Y.	299	Redding, Calif.
183	Honolulu, Hawaii	225	Lorain-Elyria, Ohio	264	Newport News-Hampton, Va.	300	Reno, Nev.
184	Houston, Tex.					301	Richland-Kennewick- Pasco, Wash.
185	Huntington-Ashland, W. Va.-Ky.-Ohio	226	Los Angeles-Long Beach, Calif.			302	Richmond, Va.
						303	Riverside-San Bernardino- Ontario, Calif.
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304	Roanoke, Va.	323	San Juan, P.R.	343	State College, Pa.	362	Vineland-Millville-Bridgeton, N.J.
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.
307	Rockford, Ill.	326	Santa Rosa, Calif.	346	Syracuse, N.Y.	365	Washington, D.C.-Md.-Va.
308	Rock Hill, S.C.	327	Sarasota, Fla.	347	Tacoma, Wash.	366	Waterbury, Conn.
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.
315	Salinas-Seaside-Monterey, Calif.	334	Sioux City, Iowa-Nebr.	354	Trenton, N.J.	373	Williamsport, Pa.
		335	Sioux Falls, S. Dak.	355	Tucson, Ariz.	374	Wilmington, Del.-N.J.-Md.
316	Salisbury-Concord, N.C.	336	South Bend, Ind.			375	Wilmington, N.C.
317	Salt Lake City-Ogden, Utah	337	Spokane, Wash.	356	Tulsa, Okla.		
318	San Angelo, Tex.	338	Springfield, Ill.	357	Tuscaloosa, Ala.	376	Worcester, Mass.
319	San Antonio, Tex.	339	Springfield, Mo.	358	Tyler, Tex.	377	Yakima, Wash.
320	San Diego, Calif.	340	Springfield, Ohio	359	Utica-Rome, N.Y.	378	York, Pa.
				360	Vallejo-Fairfield-Napa, Calif.	379	Youngstown-Warren, Ohio
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322	San Jose, Calif.	342	Stamford, Conn.	361	Victoria, Tex.		





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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.

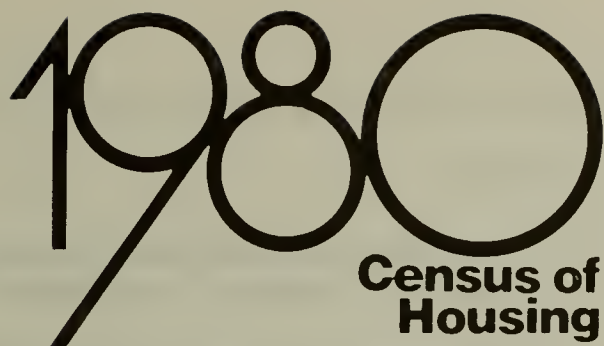
The general rules of primary suppression of sample data are as follows: esti-

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

## KENOSHA, WIS.

STANDARD METROPOLITAN STATISTICAL AREA

HC80-2-201

### Contents

#### 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
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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.

Area	Prefix letter	Tables 1-13	Tables 14-24	Tables 25-35	Tables 36-46	Tables 47-57	Tables 58-68
		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	—	—	—	—	—
Kenosha . . . . .	B	13 to 24	—	—	—	—	—

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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
<b>OCCUPANCY CHARACTERISTICS</b>						
Condominium . . . . .	—	—	—	—	—	—
Year moved into unit. . . . .	1	2	3	4	5	6
<b>UTILIZATION CHARACTERISTICS</b>						
Rooms . . . . .	1	2	—	—	5	6
Persons in unit. . . . .	—	—	—	—	5	6
Bedrooms . . . . .	1	2	—	—	—	—
Median rooms . . . . .	1	2	3	4	5	6
<b>STRUCTURAL CHARACTERISTICS</b>						
Units in structure . . . . .	—	2	—	—	—	—
Year structure built . . . . .	1	2	—	—	5	6
Stories in structure . . . . .	—	2	—	—	—	—
<b>PLUMBING CHARACTERISTICS</b>						
Plumbing facilities . . . . .	1	2	3	4	—	—
<b>EQUIPMENT AND FUELS</b>						
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. . . . .	—	—	—	—	—	—
<b>FINANCIAL CHARACTERISTICS</b>						
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	—	—	—
<b>HOUSEHOLD CHARACTERISTICS</b>						
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**

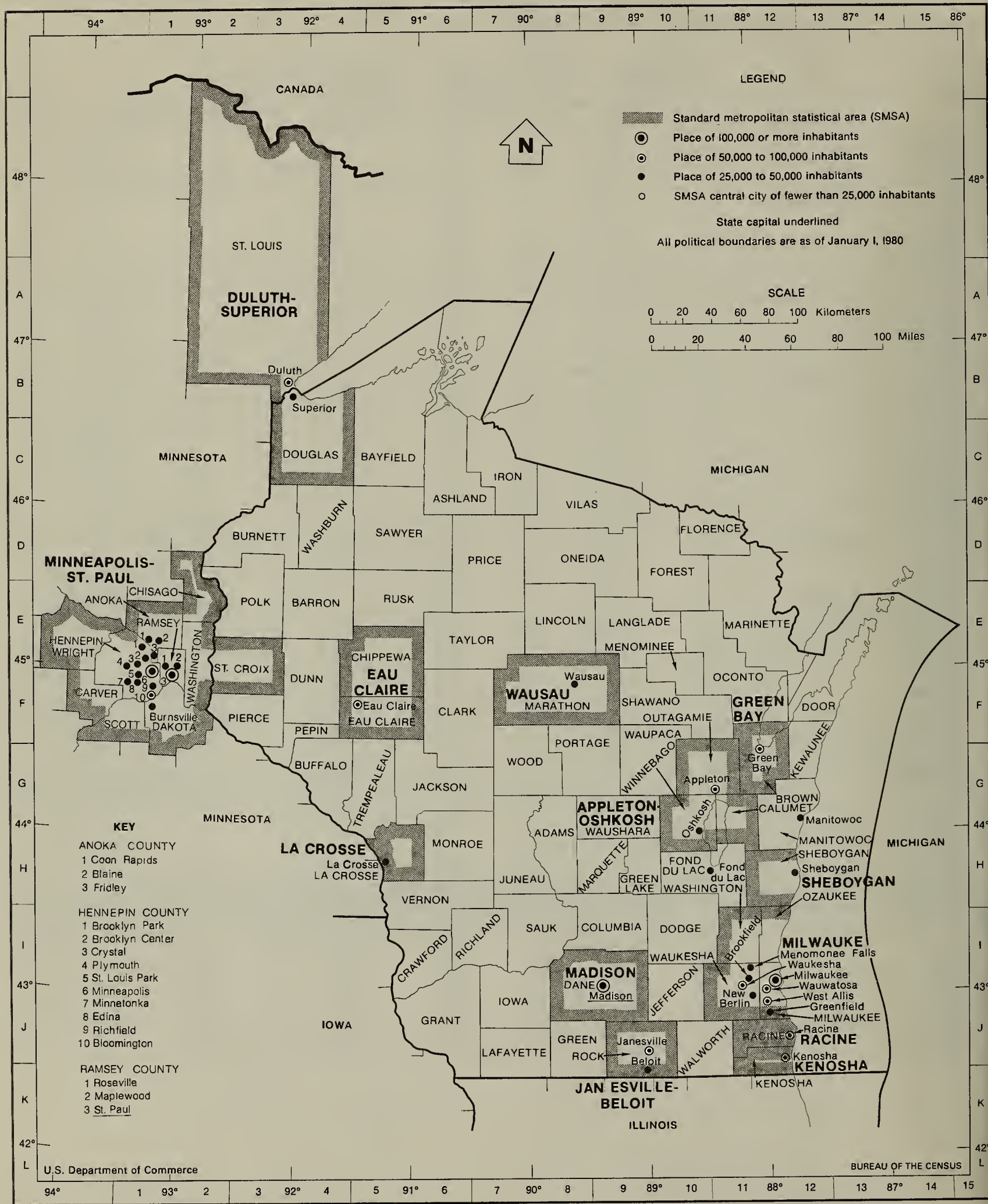
Subject	Year structure built	Units in structure	Size of household (persons)	Household composition by age of householder	Age and sex of householder in one-person households	Duration of vacancy	Price asked and rent asked
<b>OCCUPANCY CHARACTERISTICS</b>							
Condominium . . . . .	—	8	—	—	—	—	—
Year moved into unit . . . . .	7	8	—	—	—	—	—
<b>UTILIZATION CHARACTERISTICS</b>							
Rooms . . . . .	7	8	9	—	—	12	—
Persons in unit . . . . .	7	—	—	10	—	—	—
Bedrooms . . . . .	—	8	—	—	—	12	13
Median rooms . . . . .	7	8	9	—	—	12	—
<b>STRUCTURAL CHARACTERISTICS</b>							
Units in structure . . . . .	7	—	9	—	11	12	13
Year structure built . . . . .	—	—	—	—	—	12	13
Stories in structure . . . . .	—	—	—	—	—	—	—
<b>PLUMBING CHARACTERISTICS</b>							
Plumbing facilities . . . . .	7	8	9	10	11	12	13
<b>EQUIPMENT AND FUELS</b>							
Heating equipment . . . . .	7	8	—	—	—	12	—
Air conditioning . . . . .	7	8	—	—	—	—	—
Vehicles available . . . . .	—	8	—	—	—	—	—
House heating fuel . . . . .	7	8	—	—	—	—	—
Water heating fuel . . . . .	—	8	—	—	—	—	—
<b>FINANCIAL CHARACTERISTICS</b>							
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	—	—	—
<b>HOUSEHOLD CHARACTERISTICS</b>							
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





CORRECTION NOTE

Any corrections to the 1980 census counts of the total population and total housing units made after this report was printed are available by writing to Data User Services Division, Customer Services, Bureau of the Census, Washington, D.C. 20233.

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)
<b>Specified owner-occupied housing units</b> .....	<b>25 121</b>	<b>67</b>	<b>356</b>	<b>2 221</b>	<b>4 870</b>	<b>6 009</b>	<b>4 371</b>	<b>4 683</b>	<b>1 570</b>	<b>839</b>	<b>135</b>	<b>48 300</b>	<b>53 000</b>
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>													
<b>Married-couple families</b> .....	<b>19 121</b>	<b>27</b>	<b>134</b>	<b>1 244</b>	<b>3 168</b>	<b>4 617</b>	<b>3 591</b>	<b>4 057</b>	<b>1 371</b>	<b>787</b>	<b>125</b>	<b>50 800</b>	<b>56 000</b>
15 to 24 years .....	399	—	8	42	103	138	53	51	2	—	—	43 600	45 300
25 to 34 years .....	4 331	—	7	228	842	1 155	890	844	244	115	6	49 400	53 200
35 to 44 years .....	4 470	10	37	160	433	845	868	1 267	489	318	43	58 500	63 300
45 to 64 years .....	7 192	9	39	413	1 091	1 764	1 397	1 556	531	319	73	51 700	57 500
65 years and over .....	2 729	8	43	401	699	715	383	339	105	33	3	42 700	45 900
<b>Male householder, no wife present</b> .....	<b>1 896</b>	<b>34</b>	<b>112</b>	<b>298</b>	<b>480</b>	<b>428</b>	<b>265</b>	<b>168</b>	<b>82</b>	<b>19</b>	<b>10</b>	<b>40 500</b>	<b>43 700</b>
15 to 24 years .....	111	—	—	13	22	44	20	8	4	—	—	43 200	45 400
25 to 34 years .....	421	12	8	45	91	130	69	46	20	—	—	43 200	44 800
35 to 44 years .....	314	—	28	26	83	54	48	33	32	2	8	43 100	50 300
45 to 64 years .....	547	6	39	84	150	90	85	56	18	17	2	39 600	44 800
65 years and over .....	503	16	37	130	134	110	43	25	8	—	—	36 600	37 200
<b>Female householder, no husband present</b> .....	<b>4 104</b>	<b>6</b>	<b>110</b>	<b>679</b>	<b>1 222</b>	<b>964</b>	<b>515</b>	<b>458</b>	<b>117</b>	<b>33</b>	<b>—</b>	<b>40 300</b>	<b>43 500</b>
15 to 24 years .....	58	—	4	17	16	—	19	2	—	—	—	36 900	38 600
25 to 34 years .....	470	—	2	59	134	156	75	25	19	—	—	41 700	43 800
35 to 44 years .....	569	6	12	62	173	162	63	65	21	5	—	41 500	44 900
45 to 64 years .....	1 262	—	46	179	344	296	143	205	30	19	—	42 000	45 300
65 years and over .....	1 745	—	46	362	555	350	215	161	47	9	—	38 500	41 800
<b>Median age</b> .....	<b>48.3</b>	<b>46.8</b>	<b>57.8</b>	<b>58.9</b>	<b>52.9</b>	<b>48.2</b>	<b>46.0</b>	<b>45.0</b>	<b>43.8</b>	<b>44.4</b>	<b>48.5</b>	...	...
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>													
1979 to March 1980 .....	2 424	2	22	190	352	563	366	586	214	113	16	51 700	57 200
1975 to 1978 .....	6 443	29	87	415	1 107	1 417	1 227	1 414	470	235	42	51 100	55 600
1970 to 1974 .....	4 481	5	69	371	662	1 097	759	875	382	213	48	50 400	56 800
1960 to 1969 .....	6 001	18	89	399	1 215	1 377	1 206	1 148	358	172	19	49 300	52 800
1959 or earlier .....	5 772	13	89	846	1 534	1 555	813	660	146	106	10	42 400	45 700
<b>ROOMS</b>													
1 to 3 rooms .....	327	14	66	98	87	41	21	—	—	—	—	28 300	29 800
4 rooms .....	3 419	27	98	630	1 121	915	364	210	44	10	—	38 600	40 100
5 rooms .....	8 523	7	74	746	1 862	2 482	1 889	1 203	201	49	10	46 100	47 800
6 rooms .....	6 947	14	72	431	1 127	1 750	1 206	1 781	401	144	21	50 600	54 000
7 rooms .....	3 352	5	34	223	467	536	577	462	153	53	23	56 400	60 500
8 or more rooms .....	2 553	—	12	93	206	285	314	617	462	483	81	70 600	78 100
<b>Median</b> .....	<b>5.5</b>	<b>4.2</b>	<b>4.7</b>	<b>5.0</b>	<b>5.2</b>	<b>5.3</b>	<b>5.5</b>	<b>6.0</b>	<b>6.8</b>	<b>7.8</b>	<b>8.1</b>	...	...
<b>BEDROOMS</b>													
None .....	16	—	8	—	8	—	—	—	—	—	—	22 500	22 500
1 .....	619	21	71	169	202	80	54	22	—	—	—	33 300	33 800
2 .....	6 487	24	129	1 102	2 018	1 674	833	554	112	39	2	39 900	42 100
3 .....	13 461	8	113	711	2 042	3 331	2 804	3 128	947	316	61	51 500	55 200
4 .....	3 882	14	35	222	523	816	571	825	433	395	48	55 400	63 500
5 or more .....	656	—	—	17	77	108	109	154	78	89	24	62 900	72 200
<b>YEAR STRUCTURE BUILT</b>													
1975 to March 1980 .....	2 190	11	2	16	39	140	344	926	448	231	33	71 100	75 500
1970 to 1974 .....	2 238	9	26	53	224	554	345	517	307	173	30	57 300	64 700
1960 to 1969 .....	5 149	9	32	124	491	1 219	1 318	1 339	401	180	36	54 500	59 100
1950 to 1949 .....	5 691	5	61	310	945	1 798	1 227	1 044	172	127	2	48 500	51 300
1940 to 1939 .....	2 900	2	95	305	866	854	422	261	54	18	23	41 800	44 700
1939 or earlier .....	6 953	31	140	1 413	2 305	1 444	715	596	188	110	11	38 400	42 600
<b>HOUSEHOLD INCOME IN 1979</b>													
Less than \$5,000 .....	1 387	9	64	295	338	318	168	134	41	9	11	39 700	43 100
\$5,000 to \$9,999 .....	2 454	11	101	574	729	504	232	224	67	12	—	37 700	40 800
\$10,000 to \$14,999 .....	1 253	6	19	133	364	338	220	126	38	9	—	42 200	44 900
\$15,000 to \$19,999 .....	1 161	9	15	152	346	282	192	140	23	—	2	41 900	44 200
\$20,000 to \$24,999 .....	3 265	9	40	351	856	927	515	464	63	32	8	43 900	46 600
\$25,000 to \$29,999 .....	4 143	—	67	282	848	1 194	717	780	190	55	10	46 700	50 500
\$30,000 to \$34,999 .....	6 284	9	31	288	845	1 568	1 345	1 515	462	199	22	52 500	56 500
\$35,000 to \$49,999 .....	3 956	14	4	136	437	740	803	1 046	475	267	34	57 500	63 000
\$50,000 or more .....	1 218	—	15	10	107	138	179	254	211	256	48	71 400	80 600
<b>Median</b> .....	<b>\$23 657</b>	<b>\$14 583</b>	<b>\$11 711</b>	<b>\$14 285</b>	<b>\$18 895</b>	<b>\$22 580</b>	<b>\$25 836</b>	<b>\$27 914</b>	<b>\$32 518</b>	<b>\$39 598</b>	<b>\$41 941</b>	...	...
<b>Mean</b> .....	<b>\$25 224</b>	<b>\$19 509</b>	<b>\$15 538</b>	<b>\$16 262</b>	<b>\$20 135</b>	<b>\$23 267</b>	<b>\$26 690</b>	<b>\$28 609</b>	<b>\$33 916</b>	<b>\$50 456</b>	<b>\$49 027</b>	...	...
<b>MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>													
<b>With a mortgage</b> .....	<b>15 359</b>	<b>15</b>	<b>159</b>	<b>942</b>	<b>2 627</b>	<b>3 779</b>	<b>2 804</b>	<b>3 200</b>	<b>1 108</b>	<b>625</b>	<b>100</b>	<b>50 500</b>	<b>55 800</b>
Less than 15 percent .....	5 371	8	48	354	877	1 392	1 024	1 012	397	235	24	50 100	55 400
15 to 19 percent .....	3 422	—	45	170	533	860	668	720	257	148	21	51 300	56 900
20 to 24 percent .....	2 580	—	19	133	508	560	447	603	214	96	—	51 200	55 400
25 to 29 percent .....	1 592	—	16	88	337	378	322	296	75	56	24	49 200	54 700
30 to 34 percent .....	898	5	15	69	130	228	109	227	50	55	10	50 100	57 000
35 percent or more .....	1 450	2	16	128	240	350	228	332	103	32	19	49 700	54 900
Not computed .....	46	—	—	—	2	11	6	10	12	3	2	77 000	77 600
<b>Median</b> .....	<b>18.3</b>	<b>10—</b>	<b>18.5</b>	<b>18.4</b>	<b>19.1</b>	<b>17.9</b>	<b>17.8</b>	<b>19.0</b>	<b>17.9</b>	<b>17.6</b>	<b>25.8</b>	...	...
<b>Not mortgaged</b> .....	<b>9 762</b>	<b>52</b>	<b>197</b>	<b>1 279</b>	<b>2 243</b>	<b>2 230</b>	<b>1 567</b>	<b>1 483</b>	<b>462</b>	<b>214</b>	<b>35</b>	<b>44 700</b>	<b>48 700</b>
Less than 10 percent .....	4 210	37	71	381	785	936	800	775	269	146	10	48 900	52 300
10 to 14 percent .....	1 879	8	37	226	472	413	303	287	95	25	13	44 100	48 700
15 to 19 percent .....	1 243	—	10	196	308	323	188	175	28	15	—	43 200	46 100
20 to 24 percent .....	648	—	19	107	206	174	61	60	9	7	5	39 700	43 000
25 to 29 percent .....	485	7	15	123	140	92	21	65	9	10	3	37 300	42 500
30 to 34 percent .....	357	—	9	89	103	54	56	29	13	4	—	37 900	42 100
35 percent or more .....	914	—	36	153	227	238	138	78	37	7	—	41 800	44 200
Not computed .....	26	—	—	4	2	—	—	14	2	—	4	75 600	78 800
<b>Median</b> .....	<b>11.8</b>	<b>10—</b>	<b>13.7</b>	<b>15.8</b>	<b>13.6</b>	<b>12.2</b>	<b>10—</b>	<b>10—</b>	<b>10—</b>	<b>10—</b>	<b>12.1</b>	...	...
<b>SELECTED CHARACTERISTICS</b>													
<b>Complete plumbing for exclusive use</b> .....	<b>25 102</b>	<b>58</b>	<b>354</b>	<b>2 215</b>	<b>4 870</b>	<b>6 007</b>	<b>4 371</b>	<b>4 683</b>	<b>1 570</b>	<b>839</b>	<b>135</b>	<b>48 300</b>	<b>53 000</b>
1.01 or more persons per room .....	646	2	59	115	214	131	92	17	12	2	—	47 000	49 400
<b>Lacking complete plumbing for exclusive use</b> .....	<b>19</b>	<b>9</b>	<b>2</b>	<b>6</b>	<b>2</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>18 100</b>	<b>19 100</b>
1.01 or more persons per room .....	—	—	—	—	—	—	—	—	—	—	—	—	—
<b>Heating equipment</b> .....	<b>25 121</b>	<b>67</b>											



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)
<b>Specified renter-occupied housing units</b> .....	12 235	569	960	2 105	3 109	2 657	1 425	548	350	63	449	236
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>												
<b>Married-couple families</b> .....	4 045	29	110	566	1 050	929	665	253	196	42	205	258
15 to 24 years.....	1 031	5	10	178	399	264	115	21	25	8	6	241
25 to 34 years.....	1 404	8	23	187	369	325	254	119	74	14	31	266
35 to 44 years.....	452	—	26	55	78	67	87	58	47	10	24	293
45 to 64 years.....	799	—	22	61	156	206	168	46	38	10	92	269
65 years and over.....	359	16	29	85	48	67	41	9	12	—	52	228
<b>Male householder, no wife present</b> .....	3 377	113	407	667	873	670	296	132	92	18	109	221
15 to 24 years.....	1 024	7	131	152	264	278	133	36	6	—	17	240
25 to 34 years.....	1 147	22	68	304	363	197	92	56	35	—	10	219
35 to 44 years.....	342	5	68	35	79	68	40	21	7	9	10	221
45 to 64 years.....	584	32	114	119	120	106	20	15	24	4	30	205
65 years and over.....	280	47	26	57	47	21	11	4	20	5	42	187
<b>Female householder, no husband present</b> .....	4 813	427	443	872	1 186	1 058	464	163	62	3	135	226
15 to 24 years.....	1 082	8	25	252	348	352	63	25	3	—	6	238
25 to 34 years.....	1 073	5	67	167	371	266	99	74	16	3	5	240
35 to 44 years.....	414	—	7	32	86	143	97	23	24	—	2	273
45 to 64 years.....	911	60	92	221	173	175	120	15	10	—	45	217
65 years and over.....	1 333	354	252	200	208	122	85	26	9	—	77	156
<b>Median age</b> .....	32.5	73.9	54.3	30.0	28.6	29.6	33.5	33.1	36.3	36.7	61.2	...
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>												
1979 to March 1980.....	6 005	165	409	868	1 564	1 541	844	296	204	52	62	249
1975 to 1978.....	3 927	258	241	799	1 019	787	418	168	128	11	98	232
1970 to 1974.....	1 180	78	129	233	266	227	107	57	7	—	76	219
1960 to 1969.....	686	53	107	130	178	80	43	22	11	—	62	206
1959 or earlier.....	437	15	74	75	82	22	13	5	—	—	151	188
<b>ROOMS</b>												
1 room.....	201	43	76	33	34	—	—	—	8	7	—	132
2 rooms.....	712	129	211	95	174	—	103	—	—	—	—	153
3 rooms.....	3 094	333	448	815	968	393	55	19	18	—	45	193
4 rooms.....	3 957	36	156	735	1 067	1 043	645	84	86	6	99	247
5 rooms.....	2 798	28	56	347	627	832	500	186	81	5	136	263
6 rooms.....	962	—	6	46	201	222	158	150	70	15	94	291
7 or more rooms.....	511	—	7	34	38	64	67	109	87	30	75	354
<b>Median</b> .....	4.0	2.8	2.9	3.6	3.9	4.3	4.5	5.4	5.3	6.4	5.1	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM AND POVERTY STATUS IN 1979</b>												
<b>All income levels in 1979</b> .....	12 235	569	960	2 105	3 109	2 657	1 425	548	350	63	449	236
<b>Complete plumbing for exclusive use</b> .....	11 827	488	854	2 038	3 041	2 587	1 411	548	350	63	447	238
0.50 or less.....	7 659	455	706	1 485	1 954	1 481	747	290	164	12	365	225
0.51 to 1.00.....	3 831	28	140	499	1 022	1 008	599	242	160	51	82	259
1.01 to 1.50.....	292	—	8	42	60	91	54	11	26	—	—	279
1.51 or more.....	45	5	—	12	5	7	11	5	—	—	—	277
<b>Lacking complete plumbing for exclusive use</b> .....	408	81	106	67	68	70	14	—	—	—	2	170
0.50 or less.....	222	43	58	45	30	32	14	—	—	—	—	166
0.51 to 1.00.....	179	38	43	20	38	38	—	—	—	—	2	180
1.01 to 1.50.....	7	—	5	2	—	—	—	—	—	—	—	147
1.51 or more.....	—	—	—	—	—	—	—	—	—	—	—	—
<b>Income in 1979 below poverty level</b> .....	1 705	158	175	278	363	370	190	76	25	14	56	228
<b>Complete plumbing for exclusive use</b> .....	1 605	136	146	266	354	342	190	76	25	14	56	231
1.01 or more persons per room.....	113	5	—	17	19	39	26	—	7	—	—	283
<b>Lacking complete plumbing for exclusive use</b> .....	100	22	29	12	9	28	—	—	—	—	—	148
1.01 or more persons per room.....	5	—	5	—	—	—	—	—	—	—	—	145
<b>BEDROOMS</b>												
None.....	297	—	129	40	44	—	—	—	8	7	—	133
1.....	4 374	442	655	1 200	1 362	559	53	19	18	4	62	193
2.....	5 342	49	144	718	1 368	1 620	967	192	136	2	146	259
3.....	1 866	9	26	131	301	415	359	286	138	20	181	295
4.....	255	—	6	8	34	51	26	40	29	20	41	315
5 or more.....	101	—	—	8	—	12	20	11	21	10	19	355
<b>UNITS IN STRUCTURE</b>												
1, detached or attached.....	2 437	8	82	227	400	472	380	290	221	45	312	287
2.....	3 703	54	299	844	1 021	848	358	158	40	2	79	228
3 and 4.....	1 699	44	200	498	425	291	138	43	44	4	12	212
5 to 9.....	1 302	58	71	220	399	354	183	7	6	—	4	238
10 to 49.....	2 548	210	172	237	833	642	332	50	31	5	36	239
50 or more.....	462	195	111	46	19	37	34	—	8	7	5	112
Mobile home or trailer, etc.....	84	—	25	33	12	13	—	—	—	—	1	173
<b>YEAR STRUCTURE BUILT</b>												
1975 to March 1980.....	1 744	242	147	106	366	379	373	59	35	7	30	249
1970 to 1974.....	1 374	55	31	126	395	424	208	59	39	10	27	256
1960 to 1969.....	2 002	113	29	185	647	551	245	110	62	10	50	250
1950 to 1959.....	1 186	7	56	160	280	289	135	49	94	2	114	255
1940 to 1949.....	1 339	2	110	325	341	255	139	90	33	11	33	229
1939 or earlier.....	4 590	150	587	1 203	1 080	759	325	181	87	23	195	210
<b>STORIES IN STRUCTURE</b>												
1 to 3.....	12 173	560	942	2 091	3 102	2 651	1 417	548	350	63	449	237
4 or more.....	62	9	18	14	7	6	8	—	—	—	—	156
With elevator.....	30	9	6	7	—	—	8	—	—	—	—	150
<b>GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>												
Less than 15 percent.....	2 942	141	334	758	852	505	239	62	39	12	...	214
15 to 19 percent.....	2 279	100	118	358	642	601	322	87	46	5	...	244
20 to 24 percent.....	1 783	156	126	223	478	428	187	99	86	—	...	240
25 to 29 percent.....	1 110	81	85	168	300	253	113	69	34	7	...	237
30 to 34 percent.....	696	37	45	93	163	155	125	39	34	5	...	253
35 to 49 percent.....	1 238	18	156	222	317	231	180	68	36	10	...	235
50 percent or more.....	1 564	20	53	259	341	455	245	106	68	17	...	262
Not computed.....	623	16	43	24	16	29	14	18	7	7	449	214
<b>Median</b> .....	21.6	21.1	20.3	18.9	20.5	22.4	23.9	26.2	25.1	34.0	...	...
<b>SELECTED CHARACTERISTICS</b>												
<b>Heating equipment</b> .....	12 229	569	960	2 105	3 103	2 657	1 425	548	350	63	449	236
Central heating system.....	11 249	562	877	1 852	2 860	2 432	1 375	465	329	63	434	237
<b>Air conditioning</b> .....	5 536	214	312	653	1 559	1 428	775	167	173	28	229	248
Central system.....	706	12	27	73	124	172	126	20	102	5	45	271

Table A—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.]

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)
<b>Owner-occupied housing units</b>	<b>30 367</b>	<b>1 870</b>	<b>3 133</b>	<b>1 624</b>	<b>1 479</b>	<b>3 940</b>	<b>4 886</b>	<b>7 467</b>	<b>4 475</b>	<b>1 493</b>	<b>23 178</b>	<b>24 793</b>	<b>1 285</b>
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>													
<b>Married-couple families</b>	<b>22 471</b>	<b>421</b>	<b>1 394</b>	<b>914</b>	<b>859</b>	<b>2 675</b>	<b>3 991</b>	<b>6 677</b>	<b>4 176</b>	<b>1 364</b>	<b>26 208</b>	<b>28 185</b>	<b>459</b>
15 to 24 years	532	9	22	33	50	144	105	138	19	12	20 299	21 798	9
25 to 34 years	4 908	60	27	73	154	816	1 429	1 695	592	62	24 612	25 794	73
35 to 44 years	5 012	90	56	35	60	390	908	1 889	1 302	282	29 578	31 119	120
45 to 64 years	8 709	122	274	245	216	786	1 293	2 735	2 132	906	30 185	32 774	144
65 years and over	3 310	140	1 015	528	379	539	256	220	131	102	12 367	16 238	113
<b>Male householder, no wife present</b>	<b>2 693</b>	<b>266</b>	<b>420</b>	<b>223</b>	<b>166</b>	<b>505</b>	<b>458</b>	<b>441</b>	<b>142</b>	<b>72</b>	<b>18 086</b>	<b>18 824</b>	<b>173</b>
15 to 24 years	177	18	12	21	22	39	19	7	—	—	17 902	17 141	34
25 to 34 years	567	6	27	37	21	163	163	114	17	19	20 838	22 114	8
35 to 44 years	424	14	16	14	35	116	64	113	31	21	21 062	23 103	7
45 to 64 years	854	84	82	86	41	161	153	154	65	28	19 311	20 600	72
65 years and over	671	144	283	65	47	26	39	41	22	4	8 078	11 523	52
<b>Female householder, no husband present</b>	<b>5 203</b>	<b>1 183</b>	<b>1 319</b>	<b>487</b>	<b>454</b>	<b>760</b>	<b>437</b>	<b>349</b>	<b>157</b>	<b>57</b>	<b>10 511</b>	<b>13 234</b>	<b>653</b>
15 to 24 years	83	21	14	12	10	12	11	—	3	—	11 354	11 949	28
25 to 34 years	632	102	105	79	119	126	26	39	29	7	13 130	14 286	149
35 to 44 years	661	64	118	60	87	168	83	58	18	5	15 040	16 291	123
45 to 64 years	1 578	196	322	125	136	335	190	175	61	38	15 146	16 725	169
65 years and over	2 249	800	760	211	102	119	127	77	46	7	6 581	9 637	184
<b>Median age</b>	<b>49.2</b>	<b>68.5</b>	<b>69.5</b>	<b>64.8</b>	<b>58.4</b>	<b>44.9</b>	<b>40.6</b>	<b>43.4</b>	<b>46.6</b>	<b>52.2</b>	<b>...</b>	<b>...</b>	<b>51.7</b>
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>													
1979 to March 1980	3 117	83	181	169	165	550	678	816	374	101	23 021	24 431	122
1975 to 1978	7 867	278	371	257	390	1 185	1 615	2 312	1 227	232	24 455	25 605	320
1970 to 1974	5 463	293	430	222	239	668	881	1 520	844	366	24 991	26 398	270
1960 to 1969	6 814	342	705	406	309	655	920	1 693	1 338	446	25 385	26 876	222
1959 or earlier	7 106	874	1 446	570	376	882	792	1 126	692	348	16 767	20 821	351
<b>SELECTED CHARACTERISTICS</b>													
<b>Complete plumbing for exclusive use</b>	<b>30 259</b>	<b>1 855</b>	<b>3 127</b>	<b>1 618</b>	<b>1 464</b>	<b>3 918</b>	<b>4 864</b>	<b>7 445</b>	<b>4 475</b>	<b>1 493</b>	<b>23 206</b>	<b>24 819</b>	<b>1 280</b>
1.01 or more persons per room	789	9	14	21	31	111	177	215	159	52	27 549	29 596	47
<b>Lacking complete plumbing for exclusive use</b>	<b>108</b>	<b>15</b>	<b>6</b>	<b>6</b>	<b>15</b>	<b>22</b>	<b>22</b>	<b>22</b>	<b>—</b>	<b>—</b>	<b>18 214</b>	<b>17 547</b>	<b>5</b>
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—	—	—	—
<b>Heating equipment</b>	<b>30 367</b>	<b>1 870</b>	<b>3 133</b>	<b>1 624</b>	<b>1 479</b>	<b>3 940</b>	<b>4 886</b>	<b>7 467</b>	<b>4 475</b>	<b>1 493</b>	<b>23 178</b>	<b>24 793</b>	<b>1 285</b>
Central heating system	29 276	1 771	2 952	1 560	1 363	3 775	4 731	7 291	4 349	1 484	23 369	25 001	1 226
<b>Air conditioning</b>	<b>16 591</b>	<b>812</b>	<b>1 502</b>	<b>938</b>	<b>790</b>	<b>2 023</b>	<b>2 642</b>	<b>4 235</b>	<b>2 756</b>	<b>893</b>	<b>24 241</b>	<b>26 089</b>	<b>532</b>
Central system	6 845	247	474	327	302	702	1 014	1 899	1 382	498	26 505	28 804	191
<b>Vehicles available</b>	<b>28 885</b>	<b>1 279</b>	<b>2 555</b>	<b>1 510</b>	<b>1 411</b>	<b>3 882</b>	<b>4 835</b>	<b>7 457</b>	<b>4 463</b>	<b>1 493</b>	<b>23 921</b>	<b>25 673</b>	<b>1 034</b>
1	9 702	924	2 036	1 027	808	1 853	1 302	1 210	378	164	15 155	16 851	581
2 or more	19 183	355	519	483	603	2 029	3 533	6 247	4 085	1 329	27 937	30 136	453
<b>House heating fuel</b>	<b>30 367</b>	<b>1 870</b>	<b>3 133</b>	<b>1 624</b>	<b>1 479</b>	<b>3 940</b>	<b>4 886</b>	<b>7 467</b>	<b>4 475</b>	<b>1 493</b>	<b>23 178</b>	<b>24 793</b>	<b>1 285</b>
Utility gas	25 271	1 497	2 534	1 343	1 181	3 317	4 165	6 292	3 755	1 187	23 285	24 856	1 026
Bottled, tank, or LP gas	756	33	61	41	22	92	141	218	101	47	24 706	26 635	29
Electricity	496	36	39	8	29	59	57	124	80	64	25 943	28 533	22
Fuel oil, kerosene, etc.	3 754	299	492	232	245	449	504	822	516	195	21 413	23 512	203
Other	90	5	7	—	2	23	19	11	23	—	22 885	24 485	5
<b>Median rooms</b>	<b>5.5</b>	<b>4.9</b>	<b>5.0</b>	<b>5.1</b>	<b>5.2</b>	<b>5.3</b>	<b>5.4</b>	<b>5.7</b>	<b>6.0</b>	<b>6.5</b>	<b>...</b>	<b>...</b>	<b>5.4</b>
<b>Specified owner-occupied housing units</b>	<b>25 121</b>	<b>1 387</b>	<b>2 454</b>	<b>1 253</b>	<b>1 161</b>	<b>3 265</b>	<b>4 143</b>	<b>6 284</b>	<b>3 956</b>	<b>1 218</b>	<b>23 657</b>	<b>25 224</b>	<b>962</b>
<b>MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS</b>													
<b>With a mortgage</b>	<b>15 359</b>	<b>383</b>	<b>558</b>	<b>444</b>	<b>551</b>	<b>2 094</b>	<b>3 071</b>	<b>4 676</b>	<b>2 814</b>	<b>768</b>	<b>26 040</b>	<b>27 855</b>	<b>519</b>
Less than \$200	432	32	72	37	—	73	112	64	33	9	20 075	19 577	27
\$200 to \$249	1 358	48	85	61	83	196	330	348	147	60	23 009	24 874	53
\$250 to \$299	2 422	65	82	99	113	337	412	736	463	115	26 057	27 431	74
\$300 to \$349	2 516	77	74	85	136	366	499	700	492	87	25 155	26 796	96
\$350 to \$399	2 287	30	80	64	102	322	552	684	384	69	24 842	26 316	79
\$400 to \$499	3 343	89	106	63	61	567	678	1 120	526	133	25 633	27 473	140
\$500 to \$599	1 760	12	37	10	25	175	303	673	405	120	29 097	30 609	12
\$600 to \$749	890	10	20	16	29	50	142	267	278	78	31 235	32 290	18
\$750 or more	351	20	2	9	2	8	43	84	86	97	30 699	48 682	20
<b>Median</b>	<b>\$371</b>	<b>\$330</b>	<b>\$327</b>	<b>\$315</b>	<b>\$329</b>	<b>\$362</b>	<b>\$367</b>	<b>\$386</b>	<b>\$385</b>	<b>\$437</b>	<b>...</b>	<b>...</b>	<b>\$356</b>
<b>Not mortgaged</b>	<b>9 762</b>	<b>1 004</b>	<b>1 896</b>	<b>809</b>	<b>610</b>	<b>1 171</b>	<b>1 072</b>	<b>1 608</b>	<b>1 142</b>	<b>450</b>	<b>17 595</b>	<b>21 086</b>	<b>443</b>
Less than \$50	6	—	—	—	—	6	—	—	—	—	16 250	15 845	—
\$50 to \$74	94	18	52	—	16	2	—	6	—	—	7 339	8 982	18
\$75 to \$99	488	126	152	30	33	54	42	25	26	—	8 867	12 381	30
\$100 to \$124	1 222	189	394	135	65	175	97	67	87	13	10 519	14 253	61
\$125 to \$149	2 276	220	597	298	182	304	216	281	124	54	12 816	16 566	64
\$150 to \$199	3 784	323	564	275	270	441	503	757	497	154	20 212	22 044	193
\$200 to \$249	1 370	84	126	47	37	159	169	381	260	107	26 853	27 534	48
\$250 or more	522	44	11	24	7	30	45	91	148	122	35 550	43 299	29
<b>Median</b>	<b>\$161</b>	<b>\$144</b>	<b>\$140</b>	<b>\$145</b>	<b>\$152</b>	<b>\$155</b>	<b>\$168</b>	<b>\$178</b>	<b>\$184</b>	<b>\$202</b>	<b>...</b>	<b>...</b>	<b>\$163</b>
<b>MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>													
<b>With a mortgage</b>	<b>15 359</b>	<b>383</b>	<b>558</b>	<b>444</b>	<b>551</b>	<b>2 094</b>	<b>3 071</b>	<b>4 676</b>	<b>2 814</b>	<b>768</b>	<b>26 040</b>	<b>27 855</b>	<b>519</b>
Less than 15 percent	5 371	—	—	5	—	136	636	1 945	1 962	687	34 772	37 797	14
15 to 19 percent	3 422	—	2	21	35	389	797	1 513	584	81	27 844	28 823	5
20 to 24 percent	2 580	—	23	53	123	501	850	827	203	—	23 257	24 059	—
25 to 29 percent	1 592	8	49	63	143	572	473	237	47	—	19 728	20 108	12
30 to 34 percent	898	—	71	119	101	273	201	127	6	—	17 946	18 203	14
35 percent or more	1 450	333	413	183	149	223	110	27	12	—	9 750	10 803	432
Not computed	46	42	—	—	—	—	4	—	—	—	2500—	1 739	42
<b>Median</b>	<b>18.3</b>	<b>50+</b>	<b>50+</b>	<b>33.4</b>	<b>29.1</b>	<b>25.2</b>	<b>20.6</b>	<b>16.3</b>	<b>12.5</b>	<b>10—</b>	<b>...</b>	<b>...</b>	<b>50+</b>
<b>Not mortgaged</b>	<b>9 762</b>	<b>1 004</b>	<b>1 896</b>	<b>809</b>	<b>610</b>	<b>1 171</b>	<b>1 072</b>	<b>1 608</b>	<b>1 142</b>	<b>450</b>	<b>17 595</b>		



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)
<b>Renter-occupied housing units</b> .....	12 697	2 053	2 528	1 276	1 275	2 260	1 517	1 279	380	129	13 464	15 075	1 745
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>													
<b>Married-couple families</b> .....	4 352	238	435	347	423	942	850	823	236	58	18 997	19 856	324
15 to 24 years .....	1 068	87	96	103	158	246	229	109	22	18	16 860	17 782	110
25 to 34 years .....	1 502	87	102	94	110	343	312	369	78	7	20 197	20 578	120
35 to 44 years .....	519	12	30	33	58	96	128	123	39	—	20 953	20 968	35
45 to 64 years .....	883	41	69	45	52	173	168	205	97	33	21 314	23 596	53
65 years and over .....	380	11	138	72	45	84	13	17	—	—	11 424	12 618	6
<b>Male householder, no wife present</b> .....	3 456	389	574	373	380	774	473	346	112	35	15 069	15 928	371
15 to 24 years .....	1 031	113	192	118	164	212	140	77	15	—	13 910	14 421	135
25 to 34 years .....	1 182	99	178	138	127	346	156	97	34	7	15 600	16 000	117
35 to 44 years .....	350	31	14	18	45	83	69	62	16	12	19 344	20 194	31
45 to 64 years .....	608	74	66	78	25	123	98	81	47	16	17 276	18 542	54
65 years and over .....	285	72	124	21	19	10	29	—	—	—	7 123	10 268	34
<b>Female householder, no husband present</b> .....	4 889	1 426	1 519	556	472	544	194	110	32	36	8 132	10 216	1 050
15 to 24 years .....	1 087	309	299	132	121	155	27	33	—	11	8 769	9 895	375
25 to 34 years .....	1 081	146	368	171	115	175	63	21	15	7	10 387	11 927	247
35 to 44 years .....	420	23	91	82	54	106	31	18	15	—	13 148	14 490	57
45 to 64 years .....	940	255	295	119	114	70	51	34	2	—	8 507	9 713	187
65 years and over .....	1 361	693	466	52	68	38	22	4	—	18	4 951	8 141	184
<b>Median age</b> .....	32.8	53.7	37.1	29.4	29.0	29.4	31.4	33.6	38.8	46.8	...	...	29.5
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>													
1979 to March 1980 .....	6 154	1 014	1 235	621	672	1 124	748	542	160	38	13 270	14 433	1 089
1975 to 1978 .....	4 033	573	748	370	411	754	520	513	95	49	14 480	15 741	458
1970 to 1974 .....	1 272	183	234	115	89	266	166	118	79	22	15 288	16 533	98
1960 to 1969 .....	731	138	202	115	40	83	54	62	30	7	10 554	14 037	59
1959 or earlier .....	507	145	109	55	63	33	29	44	16	13	9 965	15 405	41
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>													
<b>Complete plumbing for exclusive use</b> .....	12 285	1 915	2 441	1 249	1 214	2 226	1 497	1 240	374	129	13 607	15 213	1 645
0.50 or less .....	7 924	1 420	1 783	880	808	1 378	746	646	187	76	12 156	14 071	814
0.51 to 1.00 .....	4 007	456	568	340	377	806	692	550	165	53	16 769	17 346	718
1.01 to 1.50 .....	304	34	77	29	24	42	48	32	18	—	13 750	16 356	102
1.51 or more .....	50	5	13	—	5	—	11	12	4	—	20 833	18 138	11
<b>Locking complete plumbing for exclusive use</b> .....	412	138	87	27	61	34	20	39	6	—	8 716	10 963	100
0.50 or less .....	226	79	51	22	32	22	8	12	—	—	7 763	9 639	49
0.51 to 1.00 .....	179	54	36	5	29	12	12	25	6	—	9 931	12 638	46
1.01 to 1.50 .....	7	5	—	—	—	—	—	2	—	—	4 250	10 864	5
1.51 or more .....	—	—	—	—	—	—	—	—	—	—	—	—	—
<b>SELECTED CHARACTERISTICS</b>													
<b>Heating equipment</b> .....	12 691	2 053	2 528	1 276	1 269	2 260	1 517	1 279	380	129	13 462	15 076	1 745
Central heating system .....	11 646	1 890	2 272	1 166	1 128	2 088	1 427	1 191	368	116	13 597	15 231	1 514
<b>Air conditioning</b> .....	5 631	713	1 065	594	557	997	817	623	211	54	14 491	16 099	489
Central system .....	727	96	108	102	94	94	95	88	41	9	14 029	16 662	39
<b>Vehicles available</b> .....	10 531	937	1 821	1 144	1 191	2 199	1 493	1 244	380	122	15 378	16 825	1 044
1 .....	6 516	750	1 530	891	843	1 335	666	412	47	42	12 758	13 903	757
2 or more .....	4 015	187	291	253	348	864	827	832	333	80	20 318	21 568	287
<b>House heating fuel</b> .....	12 691	2 053	2 528	1 276	1 269	2 260	1 517	1 279	380	129	13 462	15 076	1 745
Utility gas .....	9 675	1 647	1 957	1 027	943	1 643	1 093	1 011	273	81	13 047	14 732	1 435
Bottled, tank, or LP gas .....	236	13	33	30	15	55	33	29	21	7	18 000	19 403	16
Electricity .....	1 618	263	351	121	193	299	221	134	24	12	13 459	14 489	170
Fuel oil, kerosene, etc. .....	1 110	130	171	88	111	256	162	105	58	29	16 239	18 015	124
Other .....	52	—	16	10	7	7	8	—	4	—	12 500	14 874	—
<b>Median rooms</b> .....	4.1	3.5	3.9	4.0	4.0	4.2	4.3	4.6	4.9	4.5	...	...	4.1
<b>Specified renter-occupied housing units</b> .....	12 235	2 002	2 465	1 264	1 226	2 194	1 428	1 215	333	108	13 288	14 828	1 705
<b>CONTRACT RENT</b>													
Less than \$100 .....	879	468	210	64	30	39	38	13	10	7	4 833	7 781	184
\$100 to \$149 .....	1 769	412	524	98	168	258	140	109	31	29	9 505	12 854	319
\$150 to \$199 .....	3 842	585	853	479	404	691	415	322	63	30	12 525	13 971	629
\$200 to \$249 .....	3 077	274	521	362	363	675	475	329	62	16	15 127	16 189	352
\$250 to \$299 .....	1 710	116	238	173	200	344	267	283	89	—	16 916	17 791	121
\$300 to \$349 .....	333	41	21	16	32	68	46	70	34	5	18 403	20 277	18
\$350 to \$399 .....	126	7	17	2	2	23	20	33	5	17	22 308	28 662	12
\$400 to \$499 .....	25	—	—	8	5	5	—	7	—	—	14 750	17 593	—
\$500 or more .....	25	14	—	—	—	—	2	—	5	4	4 464	17 787	14
No cash rent .....	449	85	81	62	22	91	25	49	34	—	12 359	14 883	56
<b>Median</b> .....	\$192	\$155	\$172	\$193	\$200	\$204	\$212	\$221	\$238	\$163	...	...	\$176
<b>GROSS RENT</b>													
Less than \$100 .....	569	402	105	27	6	6	9	6	8	—	4 197	5 696	158
\$100 to \$149 .....	960	282	339	55	83	104	50	30	10	7	7 403	10 079	175
\$150 to \$199 .....	2 105	363	546	241	213	304	223	136	55	24	11 489	13 494	278
\$200 to \$249 .....	3 109	321	599	427	369	688	389	268	9	39	13 906	15 329	363
\$250 to \$299 .....	2 657	299	452	248	337	584	345	341	51	—	14 944	15 423	370
\$300 to \$349 .....	1 425	157	231	118	130	241	243	192	106	7	17 250	18 027	190
\$350 to \$399 .....	548	66	58	66	35	103	82	108	20	10	17 149	17 812	76
\$400 to \$499 .....	350	13	54	15	26	65	55	78	35	9	20 119	21 089	25
\$500 or more .....	63	14	—	5	5	8	7	7	5	12	19 750	31 026	14
No cash rent .....	449	85	81	62	22	91	25	49	34	—	12 359	14 883	56
<b>Median</b> .....	\$236	\$190	\$215	\$233	\$241	\$246	\$254	\$270	\$308	\$235	...	...	\$228
<b>GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>													
Less than 15 percent .....	2 942	9	92	55	133	541	776	939	289	108	24 088	26 544	12
15 to 19 percent .....	2 279	70	121	188	279	952	480	179	10	—	17 407	17 344	18
20 to 24 percent .....	1 783	151	282	282	472	421	134	41	—	—	13 435	13 234	59
25 to 29 percent .....	1 110	86	330	347	196	138	6	7	—	—	11 001	10 793	81
30 to 34 percent .....	696	62	305	193	91	40	—	—	—	—	9 742	9 608	56
35 to 49 percent .....	1 238	254	819	124	28	11	5	—	—	—	7 001	7 077	227
50 percent or more .....	1 564	1 111	435	13	5	—	—	—	—	—	3 862	3 975	1 022
Not computed .....	623	259	81	62	22	91	25	49	34	—	7 225	10 534	230
<b>Median</b> .....	21.6	50+	36.0	26.1	22.0	17.7	14.4	12.2	10—	10			



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)
<b>Specified owner-occupied housing units</b> .....	<b>15 359</b>	<b>432</b>	<b>1 358</b>	<b>2 422</b>	<b>2 516</b>	<b>2 287</b>	<b>3 343</b>	<b>1 760</b>	<b>890</b>	<b>351</b>	<b>371</b>
<b>PERSONS IN UNIT</b>											
1 person .....	881	82	115	135	142	129	174	75	25	4	338
2 persons .....	3 243	161	353	597	453	379	680	344	207	69	358
3 persons .....	3 230	72	396	489	453	467	690	427	160	76	372
4 persons .....	4 158	51	250	602	772	702	917	512	264	88	379
5 persons .....	2 342	55	147	380	373	356	550	254	143	84	380
6 persons .....	948	11	50	134	218	157	204	90	65	19	369
7 persons .....	386	—	22	69	68	72	101	33	12	9	374
8 or more persons .....	171	—	25	16	37	25	27	25	14	2	365
Median .....	3.58	2.33	3.03	3.48	3.77	3.74	3.64	3.57	3.70	3.80	...
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>											
<b>Married-couple families</b> .....	<b>12 797</b>	<b>280</b>	<b>1 001</b>	<b>1 951</b>	<b>2 069</b>	<b>1 897</b>	<b>2 858</b>	<b>1 588</b>	<b>831</b>	<b>322</b>	<b>379</b>
15 to 24 years .....	372	—	7	40	47	33	144	41	52	8	436
25 to 34 years .....	4 214	41	151	324	668	843	1 125	741	257	64	406
35 to 44 years .....	3 967	64	242	649	602	609	886	488	311	116	385
45 to 64 years .....	3 863	153	501	837	686	394	666	301	193	132	332
65 years and over .....	381	22	100	101	66	18	37	17	18	2	284
<b>Male householder, no wife present</b> .....	<b>1 004</b>	<b>41</b>	<b>114</b>	<b>90</b>	<b>210</b>	<b>170</b>	<b>208</b>	<b>118</b>	<b>34</b>	<b>19</b>	<b>364</b>
15 to 24 years .....	109	—	7	7	24	14	20	33	2	2	408
25 to 34 years .....	365	14	29	13	60	70	121	38	12	8	397
35 to 44 years .....	269	7	13	30	73	48	43	33	20	2	362
45 to 64 years .....	226	20	52	26	53	38	24	6	—	7	314
65 years and over .....	35	—	13	14	—	—	—	8	—	—	266
<b>Female householder, no husband present</b> .....	<b>1 558</b>	<b>111</b>	<b>243</b>	<b>381</b>	<b>237</b>	<b>220</b>	<b>277</b>	<b>54</b>	<b>25</b>	<b>10</b>	<b>309</b>
15 to 24 years .....	49	11	5	3	17	7	6	—	—	—	316
25 to 34 years .....	435	—	44	102	67	80	112	13	7	10	353
35 to 44 years .....	479	34	79	103	107	62	75	13	6	—	311
45 to 64 years .....	462	43	88	125	38	66	74	23	5	—	290
65 years and over .....	133	23	27	48	8	5	10	5	7	—	267
Median age .....	39.2	51.0	49.0	44.3	39.6	36.3	36.2	35.2	38.2	40.7	...
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>											
1979 to March 1980 .....	2 174	19	38	82	184	181	739	469	338	124	479
1975 to 1978 .....	5 694	84	194	403	825	1 186	1 667	852	354	129	408
1970 to 1974 .....	3 406	81	305	648	860	565	499	253	136	59	339
1960 to 1969 .....	3 256	163	637	1 100	529	288	291	164	51	33	288
1959 or earlier .....	829	85	184	189	118	67	147	22	11	6	288
<b>ROOMS</b>											
1 to 3 rooms .....	125	16	27	41	17	17	7	—	—	—	274
4 rooms .....	1 302	82	170	265	182	235	244	87	25	12	337
5 rooms .....	4 979	203	597	986	920	708	985	396	152	32	338
6 rooms .....	4 520	81	398	656	703	706	1 122	510	253	91	380
7 rooms .....	2 483	33	114	330	425	326	565	453	195	42	402
8 or more rooms .....	1 950	17	52	144	269	295	420	314	265	174	442
Median .....	5.8	5.1	5.3	5.4	5.7	5.8	5.9	6.3	6.6	7.5	...
<b>YEAR STRUCTURE BUILT</b>											
1975 to March 1980 .....	1 935	9	36	39	113	165	609	504	328	132	499
1970 to 1974 .....	1 828	24	97	191	404	346	395	170	130	71	379
1960 to 1969 .....	3 465	62	328	813	595	534	610	309	141	73	344
1950 to 1959 .....	2 946	97	333	521	478	390	628	341	125	33	356
1940 to 1949 .....	1 445	79	121	213	249	253	338	140	35	17	362
1939 or earlier .....	3 740	161	443	645	677	599	763	296	131	25	346
<b>VALUE</b>											
Less than \$10,000 .....	15	8	—	5	2	—	—	—	—	—	192
\$10,000 to \$19,999 .....	159	46	37	48	13	10	5	—	—	—	245
\$20,000 to \$29,999 .....	942	70	207	223	238	101	72	22	9	—	293
\$30,000 to \$39,999 .....	2 627	115	402	555	526	492	480	40	14	3	323
\$40,000 to \$49,999 .....	3 779	134	445	681	689	555	925	297	48	5	346
\$50,000 to \$59,999 .....	2 804	28	169	456	432	574	702	340	101	2	378
\$60,000 to \$79,999 .....	3 200	24	75	387	467	382	743	688	354	80	436
\$80,000 to \$99,999 .....	1 108	7	21	65	133	139	264	182	217	80	468
\$100,000 to \$149,999 .....	625	—	2	2	16	34	146	174	132	119	565
\$150,000 or more .....	100	—	—	—	—	—	6	17	15	62	750+
Median .....	\$50 500	\$38 300	\$40 700	\$45 200	\$47 000	\$49 800	\$52 400	\$65 400	\$76 600	\$101 800	...
<b>SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>											
Less than 15 percent .....	5 371	281	944	1 527	1 151	666	536	172	45	49	298
15 to 19 percent .....	3 422	34	165	418	579	647	954	434	143	48	390
20 to 24 percent .....	2 580	34	97	193	335	509	671	453	260	28	415
25 to 29 percent .....	1 592	39	37	82	171	193	609	316	98	47	441
30 to 34 percent .....	898	16	48	62	108	64	198	194	150	58	481
35 percent or more .....	1 450	24	67	133	163	208	364	191	194	106	430
Not computed .....	46	4	—	7	9	—	11	—	—	15	421
Median .....	18.3	12.0	12.7	13.2	15.9	18.7	21.3	23.0	24.9	29.6	...
<b>SELECTED CHARACTERISTICS</b>											
<b>Heating equipment</b> .....	<b>15 359</b>	<b>432</b>	<b>1 358</b>	<b>2 422</b>	<b>2 516</b>	<b>2 287</b>	<b>3 343</b>	<b>1 760</b>	<b>890</b>	<b>351</b>	<b>371</b>
Steam or hot water system .....	1 509	29	74	135	291	176	367	238	115	84	412
Central warm-air furnace or electric heat pump .....	13 119	332	1 179	2 191	2 115	2 020	2 849	1 455	737	241	368
Other built-in electric units .....	197	6	13	24	29	25	25	27	31	17	406
Floor, wall, or pipeless furnace .....	119	27	20	21	11	2	18	9	2	9	280
Other means .....	415	38	72	51	70	64	84	31	5	—	333
<b>Air conditioning</b> .....	<b>8 383</b>	<b>242</b>	<b>735</b>	<b>1 234</b>	<b>1 359</b>	<b>1 311</b>	<b>1 822</b>	<b>943</b>	<b>465</b>	<b>272</b>	<b>374</b>
Central system .....	3 626	68	237	410	484	515	873	530	300	209	410
1 or more individual room units .....	4 757	174	498	824	875	796	949	413	165	63	350
<b>House heating fuel</b> .....	<b>15 359</b>	<b>432</b>	<b>1 358</b>	<b>2 422</b>	<b>2 516</b>	<b>2 287</b>	<b>3 343</b>	<b>1 760</b>	<b>890</b>	<b>351</b>	<b>371</b>
Utility gas .....	13 177	369	1 187	2 177	2 138	1 909	2 919	1 484	750	244	369
Bottled, tank, or LP gas .....	272	2	16	17	48	52	34	48	23	32	402
Electricity .....	323	6	13	24	58	35	49	51	42	45	444
Fuel oil, kerosene, etc. .....	1 550	55	136	196	254	291	341	177	70	30	373
Other .....	37	—	6	8	18	—	—	—	5	—	313

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)
<b>Specified owner-occupied housing units</b> .....	<b>9 762</b>	<b>6</b>	<b>94</b>	<b>488</b>	<b>1 222</b>	<b>2 276</b>	<b>3 784</b>	<b>1 370</b>	<b>522</b>	<b>161</b>
<b>PERSONS IN UNIT</b>										
1 person .....	2 280	—	49	269	449	663	626	137	87	139
2 persons .....	4 364	6	38	173	598	1 170	1 685	529	165	156
3 persons .....	1 387	—	7	22	80	230	655	288	105	177
4 persons .....	936	—	—	15	45	106	463	214	93	183
5 persons .....	448	—	—	2	17	62	227	121	19	181
6 persons .....	259	—	—	7	26	36	89	63	38	184
7 persons .....	85	—	—	—	7	9	39	15	15	184
8 or more persons .....	3	—	—	—	—	—	—	3	—	225
Median .....	2.10	2.00	1.46	1.41	1.77	1.91	2.25	2.57	2.59	...
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>										
<b>Married-couple families</b> .....	<b>6 324</b>	<b>—</b>	<b>32</b>	<b>165</b>	<b>617</b>	<b>1 345</b>	<b>2 706</b>	<b>1 072</b>	<b>387</b>	<b>169</b>
15 to 24 years .....	27	—	—	—	14	—	5	8	—	124
25 to 34 years .....	117	—	—	5	8	29	31	33	11	177
35 to 44 years .....	503	—	—	2	7	91	232	123	48	183
45 to 64 years .....	3 329	—	—	63	248	494	1 595	682	247	177
65 years and over .....	2 348	—	32	95	340	731	843	226	81	149
<b>Male householder, no wife present</b> .....	<b>892</b>	<b>6</b>	<b>37</b>	<b>115</b>	<b>208</b>	<b>240</b>	<b>189</b>	<b>84</b>	<b>13</b>	<b>133</b>
15 to 24 years .....	2	—	—	—	—	—	—	2	—	225
25 to 34 years .....	56	—	—	—	9	19	12	13	3	150
35 to 44 years .....	45	—	—	12	8	12	13	—	—	130
45 to 64 years .....	321	—	13	21	65	102	76	34	10	140
65 years and over .....	468	6	24	82	126	107	88	35	—	124
<b>Female householder, no husband present</b> .....	<b>2 546</b>	<b>—</b>	<b>25</b>	<b>208</b>	<b>397</b>	<b>691</b>	<b>889</b>	<b>214</b>	<b>122</b>	<b>148</b>
15 to 24 years .....	9	—	—	—	3	4	2	—	—	134
25 to 34 years .....	35	—	—	9	—	14	12	—	—	140
35 to 44 years .....	90	—	—	11	6	10	35	22	6	176
45 to 64 years .....	800	—	2	32	119	197	294	102	54	159
65 years and over .....	1 612	—	23	156	269	466	546	90	62	144
Median age .....	63.6	82.5	71.1	70.4	68.1	67.0	62.0	57.5	58.9	...
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>										
1979 to March 1980 .....	250	—	2	32	22	42	94	31	27	164
1975 to 1978 .....	749	—	13	29	69	175	282	122	59	166
1970 to 1974 .....	1 075	—	17	91	103	224	366	210	64	164
1960 to 1969 .....	2 745	—	21	130	306	556	1 169	428	135	165
1959 or earlier .....	4 943	6	41	206	722	1 279	1 873	579	237	156
<b>ROOMS</b>										
1 to 3 rooms .....	202	—	23	36	80	34	26	3	—	113
4 rooms .....	2 117	—	33	204	444	634	640	149	13	140
5 rooms .....	3 544	6	18	179	385	918	1 548	404	86	159
6 rooms .....	2 427	—	20	62	235	486	1 041	458	125	170
7 rooms .....	869	—	—	—	69	139	316	210	135	186
8 or more rooms .....	603	—	—	7	9	65	213	146	163	203
Median .....	5.2	5.0	4.2	4.5	4.7	5.0	5.3	5.8	6.8	...
<b>YEAR STRUCTURE BUILT</b>										
1975 to March 1980 .....	255	—	2	25	11	21	103	63	30	183
1970 to 1974 .....	410	—	2	17	17	46	140	124	64	194
1960 to 1969 .....	1 684	—	13	29	80	233	860	351	118	178
1950 to 1959 .....	2 745	—	2	99	254	640	1 186	411	153	166
1940 to 1949 .....	1 455	—	27	116	238	446	446	152	30	144
1939 or earlier .....	3 213	6	48	202	622	890	1 049	269	127	145
<b>VALUE</b>										
Less than \$10,000 .....	52	—	23	6	21	2	—	—	—	88
\$10,000 to \$19,999 .....	197	—	24	65	59	31	18	—	—	104
\$20,000 to \$29,999 .....	1 279	6	24	217	335	426	245	16	10	128
\$30,000 to \$39,999 .....	2 243	—	14	126	542	747	719	81	14	140
\$40,000 to \$49,999 .....	2 230	—	—	40	167	609	1 187	204	23	163
\$50,000 to \$59,999 .....	1 567	—	2	9	75	258	873	323	27	175
\$60,000 to \$79,999 .....	1 483	—	—	25	18	185	607	472	176	192
\$80,000 to \$99,999 .....	462	—	7	—	—	18	99	224	114	224
\$100,000 to \$149,999 .....	214	—	—	—	5	—	36	50	123	250+
\$150,000 or more .....	35	—	—	—	—	—	—	—	35	250+
Median .....	\$44 700	\$21 300	\$20 000	\$28 600	\$33 100	\$39 200	\$47 500	\$61 800	\$81 700	...
<b>SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>										
Less than 10 percent .....	4 210	6	45	200	434	822	1 779	673	251	167
10 to 14 percent .....	1 879	—	22	80	247	495	651	275	109	157
15 to 19 percent .....	1 243	—	11	72	190	348	414	153	55	150
20 to 24 percent .....	648	—	—	40	104	214	222	50	18	146
25 to 29 percent .....	485	—	2	54	93	106	157	57	16	147
30 to 34 percent .....	357	—	7	30	59	105	114	26	16	145
35 percent or more .....	914	—	7	12	95	184	441	130	45	168
Not computed .....	26	—	—	—	—	2	6	6	12	242
Median .....	11.8	10—	10.5	12.7	13.6	13.2	10.8	10.2	10.2	...
<b>SELECTED CHARACTERISTICS</b>										
<b>Heating equipment</b> .....	<b>9 762</b>	<b>6</b>	<b>94</b>	<b>488</b>	<b>1 222</b>	<b>2 276</b>	<b>3 784</b>	<b>1 370</b>	<b>522</b>	<b>161</b>
Steam or hot water system .....	989	—	—	18	57	200	354	184	176	181
Central warm-air furnace or electric heat pump .....	8 146	6	60	350	988	1 935	3 336	1 142	329	161
Other built-in electric units .....	61	—	—	8	22	6	10	5	10	127
Floor, wall, or pipeless furnace .....	192	—	19	54	58	27	31	3	—	110
Other means .....	374	—	15	58	97	108	53	36	7	129
<b>Air conditioning</b> .....	<b>5 551</b>	<b>—</b>	<b>11</b>	<b>183</b>	<b>670</b>	<b>1 252</b>	<b>2 239</b>	<b>897</b>	<b>299</b>	<b>165</b>
Central system .....	2 253	—	4	25	143	378	1 000	514	189	179
1 or more individual room units .....	3 298	—	7	158	527	874	1 239	383	110	153
<b>House heating fuel</b> .....	<b>9 762</b>	<b>6</b>	<b>94</b>	<b>488</b>	<b>1 222</b>	<b>2 276</b>	<b>3 784</b>	<b>1 370</b>	<b>522</b>	<b>161</b>
Utility gas .....	8 064	6	79	446	1 066	1 959	3 100	1 033	375	158
Bottled, tank, or LP gas .....	141	—	—	7	12	31	45	28	18	173
Electricity .....	80	—	—	8	28	6	21	5	12	142
Fuel oil, kerosene, etc. ....	1 453	—	15	21	111	267	618	304	117	175
Other .....	24	—	—	6	5	13	—	—	—	127



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
<b>Occupied housing units</b> .....	<b>30 367</b>	<b>2 771</b>	<b>2 953</b>	<b>5 843</b>	<b>9 538</b>	<b>9 262</b>	<b>12 697</b>	<b>1 746</b>	<b>1 391</b>	<b>2 046</b>	<b>2 625</b>	<b>4 889</b>
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>												
<b>Married-couple families</b> .....	<b>22 471</b>	<b>2 398</b>	<b>2 324</b>	<b>4 700</b>	<b>6 964</b>	<b>6 085</b>	<b>4 352</b>	<b>408</b>	<b>407</b>	<b>692</b>	<b>1 040</b>	<b>1 805</b>
15 to 24 years .....	532	59	95	106	121	151	1 068	155	73	140	259	441
25 to 34 years .....	4 908	913	543	692	1 382	1 378	1 502	90	132	223	437	620
35 to 44 years .....	5 012	750	788	1 258	1 123	1 093	519	32	54	84	129	220
45 to 64 years .....	8 709	570	734	2 194	3 040	2 171	883	78	81	172	151	401
65 years and over .....	3 310	106	164	450	1 298	1 292	380	53	67	73	64	123
<b>Male householder, no wife present</b> .....	<b>2 693</b>	<b>164</b>	<b>237</b>	<b>387</b>	<b>929</b>	<b>976</b>	<b>3 456</b>	<b>471</b>	<b>368</b>	<b>541</b>	<b>724</b>	<b>1 352</b>
15 to 24 years .....	177	26	30	16	50	55	1 031	136	128	183	228	356
25 to 34 years .....	567	31	54	115	187	180	1 182	169	128	171	236	478
35 to 44 years .....	424	47	74	72	130	101	350	64	44	31	82	129
45 to 64 years .....	854	48	68	104	343	291	608	61	68	71	122	286
65 years and over .....	671	12	11	80	219	349	285	41	-	85	56	103
<b>Female householder, no husband present</b> .....	<b>5 203</b>	<b>209</b>	<b>392</b>	<b>756</b>	<b>1 645</b>	<b>2 201</b>	<b>4 889</b>	<b>867</b>	<b>616</b>	<b>813</b>	<b>861</b>	<b>1 732</b>
15 to 24 years .....	83	5	15	22	18	23	1 087	131	168	159	347	282
25 to 34 years .....	632	74	95	70	172	221	1 081	118	117	156	250	440
35 to 44 years .....	661	15	92	139	187	228	420	52	60	40	84	184
45 to 64 years .....	1 578	89	142	263	540	544	940	157	141	184	93	365
65 years and over .....	2 249	26	48	262	728	1 185	1 361	409	130	274	87	461
<b>Median age</b> .....	<b>49.2</b>	<b>37.6</b>	<b>41.9</b>	<b>47.8</b>	<b>53.6</b>	<b>53.2</b>	<b>32.8</b>	<b>38.5</b>	<b>32.9</b>	<b>34.8</b>	<b>28.8</b>	<b>33.5</b>
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>												
1979 to March 1980 .....	3 117	789	347	461	724	796	6 154	1 098	737	949	1 384	1 986
1975 to 1978 .....	7 867	1 982	861	1 175	1 880	1 969	4 033	648	446	538	827	1 574
1970 to 1974 .....	5 463	-	1 745	991	1 407	1 320	1 272	-	208	306	207	551
1960 to 1969 .....	6 814	-	-	3 216	2 093	1 505	731	-	-	253	106	372
1959 or earlier .....	7 106	-	-	-	3 434	3 672	507	-	-	-	101	406
<b>ROOMS</b>												
1 room .....	14	-	-	-	8	6	206	18	28	33	40	87
2 rooms .....	98	14	21	16	23	24	712	154	102	130	97	229
3 rooms .....	551	32	54	58	226	181	3 119	695	405	558	506	955
4 rooms .....	4 773	301	362	554	2 216	1 340	4 013	622	540	674	834	1 343
5 rooms .....	10 061	552	1 075	2 522	3 462	2 450	2 885	193	222	465	725	1 280
6 rooms .....	7 915	859	764	1 596	2 220	2 476	1 080	46	67	119	249	599
7 or more rooms .....	6 955	1 013	677	1 097	1 383	2 785	682	18	27	67	174	396
<b>Median</b> .....	<b>5.5</b>	<b>6.1</b>	<b>5.5</b>	<b>5.4</b>	<b>5.2</b>	<b>5.8</b>	<b>4.1</b>	<b>3.5</b>	<b>3.8</b>	<b>3.9</b>	<b>4.3</b>	<b>4.4</b>
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
<b>Complete plumbing for exclusive use</b> .....	<b>30 259</b>	<b>2 771</b>	<b>2 953</b>	<b>5 843</b>	<b>9 526</b>	<b>9 166</b>	<b>12 285</b>	<b>1 688</b>	<b>1 380</b>	<b>2 005</b>	<b>2 554</b>	<b>4 658</b>
0.50 or less .....	17 013	1 418	1 247	2 805	5 687	5 856	7 924	1 247	961	1 319	1 404	2 993
0.51 to 1.00 .....	12 457	1 323	1 543	2 815	3 631	3 145	4 007	412	408	651	1 036	1 500
1.01 to 1.50 .....	718	30	163	206	190	129	304	24	7	35	102	136
1.51 or more .....	71	-	-	17	18	36	50	5	4	-	12	29
<b>Lacking complete plumbing for exclusive use</b> .....	<b>108</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>12</b>	<b>96</b>	<b>412</b>	<b>58</b>	<b>11</b>	<b>41</b>	<b>71</b>	<b>231</b>
0.50 or less .....	72	-	-	-	6	66	226	45	-	15	27	139
0.51 to 1.00 .....	36	-	-	-	6	30	179	13	11	26	42	87
1.01 to 1.50 .....	-	-	-	-	-	-	7	-	-	-	2	5
1.51 or more .....	-	-	-	-	-	-	-	-	-	-	-	-
<b>PERSONS IN UNIT</b>												
1 person .....	4 281	178	278	496	1 564	1 765	5 164	924	666	923	798	1 853
2 persons .....	9 412	696	646	1 668	3 302	3 100	3 632	560	429	523	808	1 312
3 persons .....	5 532	602	524	1 163	1 826	1 417	1 862	151	148	212	492	859
4 persons .....	5 813	709	708	1 267	1 692	1 437	1 163	79	93	235	269	487
5 persons .....	3 212	418	416	809	688	881	541	25	44	125	110	237
6 or more persons .....	2 117	168	381	440	466	662	335	7	11	28	148	141
<b>Median</b> .....	<b>2.77</b>	<b>3.35</b>	<b>3.54</b>	<b>3.15</b>	<b>2.47</b>	<b>2.42</b>	<b>1.83</b>	<b>1.44</b>	<b>1.57</b>	<b>1.69</b>	<b>2.14</b>	<b>1.95</b>
<b>Total persons</b> .....	<b>93 467</b>	<b>9 468</b>	<b>10 617</b>	<b>19 291</b>	<b>27 100</b>	<b>26 991</b>	<b>27 025</b>	<b>2 925</b>	<b>2 653</b>	<b>4 164</b>	<b>6 530</b>	<b>10 753</b>
<b>UNITS IN STRUCTURE</b>												
1, detached or attached .....	27 262	2 405	2 406	5 457	9 147	7 847	2 899	82	138	326	1 047	1 306
2 .....	1 749	33	53	78	321	1 264	3 703	103	86	255	968	2 291
3 and 4 .....	125	5	12	8	11	89	1 699	136	102	334	383	744
5 to 9 .....	78	22	19	7	8	22	1 302	365	324	209	112	292
10 to 49 .....	114	31	49	2	14	18	2 548	709	652	861	90	236
50 or more .....	12	-	4	-	8	-	462	344	52	35	15	16
Mobile home or trailer, etc. ....	1 027	275	410	291	29	22	84	7	37	26	10	4
<b>SELECTED CHARACTERISTICS</b>												
<b>Heating equipment</b> .....	<b>30 367</b>	<b>2 771</b>	<b>2 953</b>	<b>5 843</b>	<b>9 538</b>	<b>9 262</b>	<b>12 691</b>	<b>1 746</b>	<b>1 385</b>	<b>2 046</b>	<b>2 625</b>	<b>4 889</b>
Steam or hot water system .....	3 369	201	267	673	676	1 552	3 505	560	566	714	392	1 273
Central warm-air furnace or electric heat pump .....	25 224	2 418	2 551	4 945	8 203	7 107	6 718	471	472	1 057	1 718	3 000
Other built-in electric units .....	320	92	91	54	58	25	1 126	644	274	132	45	31
Floor, wall, or pipeless furnace .....	363	2	9	36	195	121	297	30	16	48	132	71
Other means .....	1 091	58	35	135	406	457	1 045	41	57	95	338	514
<b>Air conditioning</b> .....	<b>16 591</b>	<b>1 389</b>	<b>1 688</b>	<b>3 525</b>	<b>5 485</b>	<b>4 504</b>	<b>5 631</b>	<b>1 316</b>	<b>1 003</b>	<b>1 153</b>	<b>775</b>	<b>1 384</b>
Central system .....	6 845	1 053	1 041	1 743	2 132	876	727	179	142	172	115	119
1 or more individual room units .....	9 746	336	647	1 782	3 353	3 628	4 904	1 137	861	981	660	1 265
<b>House heating fuel</b> .....	<b>30 367</b>	<b>2 771</b>	<b>2 953</b>	<b>5 843</b>	<b>9 538</b>	<b>9 262</b>	<b>12 691</b>	<b>1 746</b>	<b>1 385</b>	<b>2 046</b>	<b>2 625</b>	<b>4 889</b>
Utility gas .....	25 271	2 417	2 611	5 230	7 659	7 354	9 675	889	952	1 714	2 095	4 025
Battled, tank, or LP gas .....	756	123	175	194	118	146	236	12	20	39	67	98
Electricity .....	496	188	119	90	66	33	1 618	819	394	232	120	53
Fuel oil, kerosene, etc. ....	3 754	32	48	323	1 667	1 684	1 110	13	13	61	336	687
Other .....	90	11	-	6	28	45	52	13	6	-	7	26
<b>Income in 1979 below poverty level</b> .....	<b>1 285</b>	<b>69</b>	<b>127</b>	<b>221</b>	<b>396</b>	<b>472</b>	<b>1 745</b>	<b>210</b>	<b>172</b>	<b>193</b>	<b>402</b>	<b>768</b>
Percent below poverty level .....	4.2	2.5	4.3	3.8	4.2	5.1	13.7	12.0	12.4	9.4	15.3	15.7
<b>HOUSEHOLD INCOME IN 1979</b>												
Less than \$5,000 .....	1 870	65	117	228	589	871	2 053	350	231	285	337	850
\$5,000 to \$9,999 .....	3 133	93	183	407	1 159	1 291	2 528	383	252	369	548	976
\$10,000 to \$14,999 .....	1 624	103	124	254	596	547	1 276	106	137	237	246	550
\$15,000 to \$19,999 .....	1 479	75	115	252	488	549	1 275	180	156	216	262	461
\$20,000 to \$24,999 .....	3 940	299	404	639	1 373	1 225	2 260	318	231	313	495	903
\$25,000 to \$29,999 ..												



**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	30 367	27 262	2 078	1 027	12 697	2 899	3 703	1 699	1 302	2 548	462	84
Condominium housing units	136	56	80	—	102	6	3	29	7	37	17	—
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>												
Married-couple families	22 471	20 763	1 114	594	4 352	1 543	1 407	375	307	658	32	30
15 to 24 years	532	410	56	66	1 068	215	445	114	135	159	—	—
25 to 34 years	4 908	4 569	231	108	1 502	548	549	144	76	168	13	4
35 to 44 years	5 012	4 795	181	36	5 012	244	148	60	30	31	6	—
45 to 64 years	8 709	8 007	458	244	883	423	200	37	17	184	5	17
65 years and over	3 310	2 982	188	140	380	113	65	20	49	116	8	9
Male householder, no wife present	2 693	2 127	431	135	3 456	639	901	603	433	756	82	42
15 to 24 years	177	128	25	24	1 031	223	268	194	110	224	7	5
25 to 34 years	567	441	115	11	1 182	208	369	207	159	233	—	6
35 to 44 years	424	345	49	30	350	42	92	46	59	90	13	8
45 to 64 years	854	642	160	52	608	98	122	108	105	143	23	9
65 years and over	671	571	82	18	285	68	50	48	—	66	39	14
Female householder, no husband present	5 203	4 372	533	298	4 889	717	1 395	721	562	1 134	348	12
15 to 24 years	83	60	3	20	1 087	113	347	262	163	191	11	—
25 to 34 years	632	490	73	69	1 081	220	449	116	115	160	15	6
35 to 44 years	661	605	45	11	420	78	155	46	61	74	6	—
45 to 64 years	1 578	1 329	146	103	940	163	204	162	103	259	49	—
65 years and over	2 249	1 888	266	95	1 361	143	240	135	120	450	217	6
Median age	49.2	48.8	52.7	54.6	32.8	34.1	29.5	29.7	29.4	41.8	26.0	59.4
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>												
1979 to March 1980	3 117	2 618	277	222	6 154	1 146	1 837	924	724	1 270	223	30
1975 to 1978	7 867	6 891	516	460	4 033	910	1 144	519	454	784	193	29
1970 to 1974	5 463	4 882	334	247	1 272	388	331	132	84	288	29	20
1960 to 1969	6 814	6 456	267	91	731	192	237	67	36	182	17	—
1959 or earlier	7 106	6 415	684	7	507	263	154	57	4	24	—	5
<b>ROOMS</b>												
1 room	14	11	3	—	206	13	5	52	32	76	28	—
2 rooms	98	29	38	31	712	18	77	162	103	255	87	10
3 rooms	551	355	137	59	3 119	256	602	497	451	1 021	271	21
4 rooms	4 773	3 612	543	618	4 013	620	1 272	645	497	885	45	49
5 rooms	10 061	9 068	773	220	2 885	838	1 331	257	202	239	18	—
6 rooms	7 915	7 515	305	95	1 080	605	337	42	17	68	7	4
7 or more rooms	6 955	6 672	279	4	682	549	79	44	—	4	6	—
Median	5.5	5.6	4.9	4.2	4.1	5.1	4.4	3.7	3.6	3.4	2.9	3.7
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
Complete plumbing for exclusive use	30 259	27 224	2 008	1 027	12 285	2 859	3 611	1 567	1 247	2 466	451	84
0.50 or less	17 013	14 998	1 299	716	7 924	1 635	2 136	964	869	1 856	386	78
0.51 to 1.00	12 457	11 527	634	296	4 007	1 095	1 372	528	366	581	65	—
1.01 to 1.50	718	640	63	15	304	108	86	63	12	29	—	6
1.51 or more	71	59	12	—	50	21	17	12	—	—	—	—
Lacking complete plumbing for exclusive use	108	38	70	—	412	40	92	132	55	82	11	—
0.50 or less	72	25	47	—	226	12	39	99	23	42	11	—
0.51 to 1.00	36	13	23	—	179	28	51	28	32	40	—	—
1.01 to 1.50	—	—	—	—	7	—	2	5	—	—	—	—
1.51 or more	—	—	—	—	—	—	—	—	—	—	—	—
<b>BEDROOMS</b>												
None	27	24	3	—	302	13	27	86	42	96	38	—
1	1 099	703	301	95	4 394	368	946	744	593	1 343	359	41
2	8 718	6 883	1 097	738	5 468	1 094	2 025	719	610	938	43	39
3	15 275	14 606	483	186	2 048	1 003	671	130	57	167	16	4
4	4 436	4 277	151	8	336	279	32	15	—	4	6	—
5 or more	812	769	43	—	149	142	2	5	—	—	—	—
<b>HOUSEHOLD INCOME IN 1979</b>												
Less than \$5,000	1 870	1 526	230	114	2 053	286	557	398	190	401	207	14
\$5,000 to \$9,999	3 133	2 672	289	172	2 528	489	793	373	193	518	137	25
\$10,000 to \$14,999	1 624	1 376	123	125	1 276	263	416	146	137	275	33	6
\$15,000 to \$19,999	1 479	1 260	147	72	1 275	271	364	166	215	235	17	7
\$20,000 to \$24,999	3 940	3 515	255	170	2 260	513	728	281	279	415	28	16
\$25,000 to \$29,999	4 886	4 446	296	144	1 517	410	441	162	120	346	22	16
\$30,000 to \$34,999	7 467	6 798	510	159	1 279	449	300	137	142	239	12	—
\$35,000 to \$49,999	4 475	4 271	141	63	380	153	76	18	26	101	6	—
\$50,000 or more	1 493	1 398	87	8	129	65	28	18	—	18	—	—
Median	\$23 178	\$23 681	\$19 905	\$15 778	\$13 464	\$16 320	\$13 087	\$11 344	\$14 023	\$13 351	\$5 625	\$11 250
Mean	\$24 793	\$25 336	\$21 389	\$17 269	\$15 075	\$18 429	\$14 087	\$13 075	\$14 665	\$15 622	\$8 005	\$11 976
<b>SELECTED CHARACTERISTICS</b>												
Heating equipment	30 367	27 262	2 078	1 027	12 691	2 899	3 703	1 699	1 296	2 548	462	84
Steam or hot water system	3 369	2 879	454	36	3 505	336	622	472	535	1 297	239	4
Central warm-air furnace or electric heat pump	25 224	22 834	1 475	915	6 718	2 025	2 552	923	416	629	97	76
Other built-in electric units	320	296	18	6	1 126	34	16	135	257	569	115	—
Floor, wall, or pipeless furnace	363	345	14	4	297	159	71	22	35	10	—	—
Other means	1 091	908	117	66	1 045	345	442	147	53	43	11	4
Air conditioning	16 591	14 943	1 025	623	5 631	1 002	1 066	452	873	1 910	287	41
Central system	6 845	6 302	212	331	727	185	114	89	53	225	48	13
Vehicles available	28 885	26 078	1 820	987	10 531	2 626	3 073	1 334	1 070	2 148	208	72
1	9 702	8 383	786	533	6 516	1 126	1 948	921	751	1 547	161	62
2 or more	19 183	17 695	1 034	454	4 015	1 500	1 125	413	319	601	47	10
House heating fuel	30 367	27 262	2 078	1 027	12 691	2 899	3 703	1 699	1 296	2 548	462	84
Utility gas	25 271	22 668	1 747	856	9 675	2 149	3 279	1 308	869	1 724	300	46
Bottled, tank, or LP gas	756	589	44	123	236	134	44	29	2	11	—	16
Electricity	496	463	27	6	1 618	64	59	206	364	763	162	—
Fuel oil, kerosene, etc.	3 754	3 459	260	35	1 110	531	321	156	44	36	—	22
Other	90	83	—	7	52	21	—	—	17	14	—	—
Water heating fuel	30 359	27 260	2 072	1 027	12 669	2 877	3 697	1 699	1 302	2 548	462	84
Utility gas	24 588	22 094	1 778	716	9 725	2 089	3 391	1 373	867	1 661	311	33
Bottled, tank, or LP gas	759	586	81	92	332	168	35	49	12	54	6	8
Electricity	4 855	4 440	203	212	2 481	600	256	231	388	818	145	43
Fuel oil, kerosene, etc.	141	131	10	—	112	20	15	38	24	15	—	—
Other	16	9	—	7	19	—	—	8	11	—	—	—
Family householder	25 636	23 502	1 404	730	6 555	2 006	2 358	722	492	894	39	44
With own children under 18 years	13 511	12 583	667	261	3 850	1 233	1 550	479	248	307	9	24
With own children under 6 years	4 868	4 456	278	134	2 407	677	1 059	305	175	185	2	4
Female householder, no husband present	2 406	2 089	189	128	1 735	341	783	267	157	181	—	6
With own children under 18 years	1 265	1 075	113	77	1 384	288	672	208	107	103	—	6
With own children under 6 years	314	254	27	33	722	107						

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
<b>Owner-occupied housing units</b> .....	<b>30 367</b>	<b>4 281</b>	<b>9 412</b>	<b>5 532</b>	<b>5 813</b>	<b>3 212</b>	<b>1 379</b>	<b>522</b>	<b>216</b>	<b>2.77</b>	<b>93 467</b>
Nonrelatives present .....	961	—	362	203	145	97	94	37	23	3.08	3 470
<b>ROOMS</b> .....											
1 to 3 rooms .....	663	360	179	84	21	9	3	7	—	1.42	1 186
4 rooms .....	4 773	1 408	2 234	740	286	89	7	9	—	1.94	10 065
5 rooms .....	10 061	1 418	3 460	2 128	1 854	853	240	81	27	2.57	29 039
6 rooms .....	7 915	698	2 140	1 417	1 901	1 096	428	166	69	3.29	26 546
7 rooms .....	3 845	213	864	629	943	664	364	132	36	3.73	14 118
8 or more rooms .....	3 110	184	535	534	808	501	337	127	84	3.87	12 513
Median .....	5.5	4.8	5.2	5.4	5.9	6.1	6.5	6.5	6.8	...	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>											
<b>Complete plumbing for exclusive use</b> .....	<b>30 259</b>	<b>4 247</b>	<b>9 374</b>	<b>5 519</b>	<b>5 798</b>	<b>3 210</b>	<b>1 379</b>	<b>516</b>	<b>216</b>	<b>2.77</b>	<b>93 192</b>
1.00 or less .....	29 470	4 247	9 374	5 516	5 777	3 112	1 129	253	62	2.70	87 991
1.01 to 1.50 .....	718	—	—	—	21	89	247	247	114	6.51	4 602
1.51 or more .....	71	—	—	3	—	9	3	16	40	7.85	599
<b>Lacking complete plumbing for exclusive use</b> .....	<b>108</b>	<b>34</b>	<b>38</b>	<b>13</b>	<b>15</b>	<b>2</b>	<b>—</b>	<b>6</b>	<b>—</b>	<b>2.03</b>	<b>275</b>
1.00 or less .....	108	34	38	13	15	2	—	6	—	2.03	275
1.01 to 1.50 .....	—	—	—	—	—	—	—	—	—	—	—
1.51 or more .....	—	—	—	—	—	—	—	—	—	—	—
<b>UNITS IN STRUCTURE</b> .....											
1, detached or attached .....	27 262	3 432	8 321	5 004	5 447	3 034	1 320	507	197	2.88	84 750
2 or more .....	2 078	576	643	361	266	145	53	15	19	2.22	6 317
Mobile home or trailer, etc. ....	1 027	273	448	167	100	33	6	—	—	2.04	2 400
<b>VALUE</b> .....											
<b>Specified owner-occupied housing units</b> .....	<b>25 121</b>	<b>3 161</b>	<b>7 607</b>	<b>4 617</b>	<b>5 094</b>	<b>2 790</b>	<b>1 207</b>	<b>471</b>	<b>174</b>	<b>2.89</b>	<b>77 758</b>
Less than \$10,000 .....	67	33	13	—	5	2	14	—	—	1.54	161
\$10,000 to \$19,999 .....	356	143	131	5	18	30	27	—	2	1.77	827
\$20,000 to \$29,999 .....	2 221	592	799	375	222	130	84	16	10	2.15	5 315
\$30,000 to \$39,999 .....	4 870	919	1 625	887	728	398	208	87	18	2.43	13 317
\$40,000 to \$49,999 .....	6 009	662	1 953	1 088	1 237	602	272	128	67	2.86	18 771
\$50,000 to \$59,999 .....	4 371	397	1 179	985	998	518	186	80	28	3.12	13 942
\$60,000 to \$79,999 .....	4 683	289	1 274	808	1 207	718	255	119	13	3.46	16 020
\$80,000 to \$99,999 .....	1 570	93	434	270	423	226	86	10	28	3.46	5 204
\$100,000 to \$149,999 .....	839	25	162	185	211	144	75	29	8	3.73	3 682
\$150,000 or more .....	135	8	37	14	45	29	2	—	—	3.69	519
Median .....	\$48 300	\$38 900	\$46 000	\$49 500	\$52 600	\$53 600	\$49 900	\$50 600	\$48 600	...	...
<b>SELECTED CHARACTERISTICS</b> .....											
<b>All income levels in 1979</b> .....	<b>30 367</b>	<b>4 281</b>	<b>9 412</b>	<b>5 532</b>	<b>5 813</b>	<b>3 212</b>	<b>1 379</b>	<b>522</b>	<b>216</b>	<b>2.77</b>	<b>93 467</b>
Median income .....	\$23 178	\$8 508	\$20 007	\$26 229	\$27 058	\$28 518	\$29 171	\$31 264	\$30 862	...	...
Median selected monthly owner costs as percentage of household income .....	16.1	25.3	15.0	14.5	16.4	15.2	14.3	13.8	13.7	...	...
With a mortgage .....	18.3	25.6	18.8	18.4	18.4	17.1	15.9	15.5	13.8	...	...
Not mortgaged .....	11.8	25.0	12.2	10—	10—	10—	10—	12.5	12.5	...	...
<b>Income in 1979 below poverty level</b> .....	<b>1 285</b>	<b>402</b>	<b>291</b>	<b>149</b>	<b>185</b>	<b>152</b>	<b>60</b>	<b>36</b>	<b>10</b>	<b>2.33</b>	<b>...</b>
Median income .....	\$3 415	\$2 500	\$3 637	\$2 865	\$3 481	\$5 441	\$7 308	\$8 750	\$11 786	...	...
Median selected monthly owner costs as percentage of household income .....	50+	50+	50+	50+	50+	50+	50+	46.4	37.5	...	...
With a mortgage .....	50+	50+	50+	50+	50+	50+	50+	46.4	37.5	...	...
Not mortgaged .....	50+	50+	44.0	35.0	37.9	35.0	—	—	—	...	...
<b>Renter-occupied housing units</b> .....	<b>12 697</b>	<b>5 164</b>	<b>3 632</b>	<b>1 862</b>	<b>1 163</b>	<b>541</b>	<b>154</b>	<b>107</b>	<b>74</b>	<b>1.83</b>	<b>27 025</b>
Nonrelatives present .....	1 404	—	800	342	133	80	10	20	19	2.38	3 702
<b>ROOMS</b> .....											
1 room .....	206	196	5	5	—	—	—	—	—	1.03	214
2 rooms .....	712	572	131	2	7	—	—	—	—	1.12	867
3 rooms .....	3 119	2 233	761	77	31	11	—	6	—	1.20	4 114
4 rooms .....	4 013	1 430	1 400	715	338	103	20	—	7	1.91	8 167
5 rooms .....	2 885	542	881	676	471	212	47	9	—	2.53	7 775
6 rooms .....	1 080	132	319	223	221	101	39	13	32	2.90	3 429
7 or more rooms .....	682	59	135	164	95	114	48	41	26	3.40	2 459
Median .....	4.1	3.3	4.2	4.7	4.9	5.2	5.8	5.5	6.2	...	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>											
<b>Complete plumbing for exclusive use</b> .....	<b>12 285</b>	<b>4 925</b>	<b>3 524</b>	<b>1 814</b>	<b>1 148</b>	<b>539</b>	<b>154</b>	<b>107</b>	<b>74</b>	<b>1.85</b>	<b>26 367</b>
1.00 or less .....	11 931	4 925	3 519	1 809	1 115	425	87	41	10	1.80	24 413
1.01 to 1.50 .....	304	—	—	—	26	103	67	60	48	5.84	1 634
1.51 or more .....	50	—	5	5	7	11	—	6	16	5.23	320
<b>Lacking complete plumbing for exclusive use</b> .....	<b>412</b>	<b>239</b>	<b>108</b>	<b>48</b>	<b>15</b>	<b>2</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>1.36</b>	<b>658</b>
1.00 or less .....	405	239	108	46	10	2	—	—	—	1.35	600
1.01 to 1.50 .....	7	—	—	2	5	—	—	—	—	3.80	58
1.51 or more .....	—	—	—	—	—	—	—	—	—	—	—
<b>UNITS IN STRUCTURE</b> .....											
1, detached or attached .....	2 899	645	844	605	349	258	75	49	74	2.45	8 157
2 .....	3 703	1 094	1 148	727	485	153	51	45	—	2.16	8 707
3 and 4 .....	1 699	801	425	231	134	80	15	13	—	1.61	3 375
5 to 9 .....	1 302	684	398	107	101	12	—	—	—	1.45	2 165
10 to 49 .....	2 548	1 501	728	186	88	38	7	—	—	1.35	3 912
50 or more .....	462	399	55	2	6	—	—	—	—	1.08	543
Mobile home or trailer, etc. ....	84	40	34	4	—	—	6	—	—	1.56	166
<b>GROSS RENT</b> .....											
<b>Specified renter-occupied housing units</b> .....	<b>12 235</b>	<b>5 085</b>	<b>3 483</b>	<b>1 783</b>	<b>1 090</b>	<b>497</b>	<b>134</b>	<b>101</b>	<b>62</b>	<b>1.80</b>	<b>25 663</b>
Less than \$100 .....	569	513	45	11	—	—	—	—	—	1.05	634
\$100 to \$149 .....	960	759	144	25	14	10	8	—	—	1.13	1 271
\$150 to \$199 .....	2 105	1 130	617	214	86	45	6	7	—	1.43	3 559
\$200 to \$249 .....	3 109	1 338	963	368	306	101	23	10	—	1.72	5 987
\$250 to \$299 .....	2 657	759	891	544	290	86	46	27	14	2.14	6 150
\$300 to \$349 .....	1 425	293	445	329	195	88	27	19	19	2.44	3 745
\$350 to \$399 .....	548	80	118	10	76	81	10	7	—	2.96	1 822
\$400 to \$499 .....	350	51	82	88	57	53	4	8	7	2.98	1 160
\$500 or more .....	63	7	7	9	2	20	5	5	8	4.82	289
No cash rent .....	449	155	149	77	44	13	11	—	—	1.97	1 046
Median .....	\$236	\$202	\$245	\$269	\$270	\$300	\$287	\$313	\$326	...	...
<b>SELECTED CHARACTERISTICS</b> .....											
<b>All income levels in 1979</b> .....	<b>12 697</b>	<b>5 164</b>	<b>3 632</b>	<b>1 862</b>	<b>1 163</b>	<b>541</b>	<b>154</b>	<b>107</b>	<b>74</b>	<b>1.83</b>	<b>27 025</b>
Median income .....	\$13 464	\$9 524	\$16 301	\$17 145	\$16 918	\$17 977	\$17 500	\$16 250	\$25 000	...	...
Median gross rent as percentage of household income .....	21.6	23.7	18.7	19.6	20.8	21.4	26.4	26.4	16.1	...	...
<b>Income in 1979 below poverty level</b> .....	<b>1 745</b>	<b>632</b>	<b>412</b>	<b>269</b>	<b>220</b>	<b>129</b>	<b>41</b>	<b>28</b>	<b>14</b>	<b>2.08</b>	<b>...</b>
Median income .....	\$3 423	\$2 656	\$3 444	\$2 946	\$5 729	\$6 399	\$7 697	\$4 318	\$5 000	...	...
Median gross rent as percentage of household income .....	50+	50+	50+	50+	50+	50+	42.5	50+	50+	...	...



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	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
<b>Owner-occupied housing units</b> -----	30 367	532	4 908	5 012	8 709	3 310	177	567	424	854	671	83	632	661	1 578	2 249	49.2					
<b>PERSONS IN UNIT</b>																						
1 person -----	4 281	—	—	—	—	—	87	340	249	522	482	15	151	72	684	1 679	65.2					
2 persons -----	9 412	264	929	371	3 261	2 817	51	131	30	210	141	34	153	115	505	400	60.1					
3 persons -----	5 532	150	1 188	659	2 144	357	23	61	107	64	21	13	172	128	263	128	46.9					
4 persons -----	5 813	86	845	1 739	1 615	107	6	30	39	39	18	7	8	29	47	39	39.1					
5 persons -----	3 212	32	713	1 263	958	4	7	—	10	16	9	13	39	104	44	—	40.8					
6 or more persons -----	2 117	—	233	980	731	25	3	5	2	3	—	—	28	69	35	3	42.9					
Median -----	2 777	251	368	435	301	209	133	133	135	132	120	228	257	333	171	117	...					
Total persons -----	93 467	1 575	17 983	22 712	28 826	7 420	358	997	801	1 416	962	219	1 641	2 338	3 128	3 091	...					
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>																						
Complete plumbing for exclusive use -----	30 259	525	4 895	5 012	8 688	3 294	177	561	419	848	658	83	632	661	1 578	2 228	49.2					
1.01 or more persons per room -----	789	2	128	335	257	16	—	6	5	6	13	—	14	22	22	3	42.5					
Lacking complete plumbing for exclusive use -----	108	7	13	—	—	—	—	6	—	—	—	—	—	—	—	21	58.0					
1.01 or more persons per room -----	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—					
<b>MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>																						
<b>Specified owner-occupied housing units</b> -----	25 121	399	4 331	4 470	7 192	2 729	111	421	314	547	503	58	470	569	1 262	1 745	48.3					
With a mortgage -----	15 359	372	4 214	3 967	3 863	381	109	365	269	226	35	49	435	479	462	133	39.2					
Less than 15 percent -----	5 371	8	882	1 674	2 259	82	13	45	59	85	18	5	30	93	97	21	44.4					
15 to 19 percent -----	3 422	70	1 034	1 022	831	41	5	59	74	63	8	10	87	49	103	12	39.1					
20 to 24 percent -----	2 580	93	1 125	608	278	38	40	64	60	23	3	7	72	84	60	30	34.0					
25 to 29 percent -----	1 592	110	624	287	162	39	14	93	60	2	3	3	77	64	67	—	33.5					
30 to 34 percent -----	898	39	311	154	107	47	14	57	19	25	3	7	47	39	11	25	34.6					
35 percent or more -----	1 450	52	235	213	223	134	33	45	17	24	6	24	138	143	118	45	38.9					
Not computed -----	46	—	3	9	3	—	2	2	—	4	—	—	10	7	6	—	36.9					
Median -----	18.3	25.7	20.8	16.5	13.8	28.8	24.4	25.7	20.2	17.1	14.9	34.2	28.1	25.8	22.3	30.7	...					
<b>Not mortgaged</b> -----	9 762	27	117	503	3 329	2 348	2	56	45	321	468	9	35	90	800	1 612	63.6					
Less than 10 percent -----	4 210	14	63	378	2 450	536	—	31	25	160	92	5	18	226	204	204	57.0					
10 to 14 percent -----	1 879	2	22	90	566	707	—	15	7	76	83	5	15	45	141	120	64.6					
15 to 19 percent -----	1 243	11	13	19	147	513	—	7	6	17	91	2	15	—	163	243	69.4					
20 to 24 percent -----	648	—	—	9	48	240	—	—	—	29	68	—	—	—	53	194	71.7					
25 to 29 percent -----	485	—	7	—	13	184	—	—	—	8	49	2	—	6	47	177	71.7					
30 to 34 percent -----	357	—	—	—	20	78	—	—	—	—	20	2	—	—	46	185	72.9					
35 percent or more -----	914	—	12	7	79	88	2	—	7	31	63	—	7	15	122	481	72.0					
Not computed -----	26	—	—	—	6	2	—	—	—	—	2	—	—	—	8	—	63.8					
Median -----	11.8	10—	10—	10—	10—	14.5	50+	10—	10—	10.0	18.2	14.5	16.5	12.7	16.0	26.2	...					
<b>Renter-occupied housing units</b> -----	12 697	1 068	1 502	519	883	380	1 031	1 182	350	408	285	1 087	1 081	420	940	1 361	32.8					
<b>PERSONS IN UNIT</b>																						
1 person -----	5 164	—	—	—	—	—	596	879	255	432	221	447	345	89	652	1 248	44.0					
2 persons -----	3 632	529	463	63	400	349	288	169	48	114	43	414	391	94	165	102	29.2					
3 persons -----	1 663	308	409	103	256	29	133	57	29	28	15	137	152	116	79	11	29.8					
4 persons -----	541	196	342	107	148	—	14	34	11	27	6	52	134	58	34	—	29.6					
5 persons -----	335	18	220	139	39	2	—	23	7	2	—	30	29	27	5	—	31.4					
6 or more persons -----	183	17	68	107	40	—	—	20	—	5	—	7	30	36	5	—	36.3					
Median -----	1 883	252	320	437	266	204	136	117	119	120	114	173	200	273	122	105	...					
Total persons -----	27 025	2 839	4 974	2 397	2 449	756	1 547	1 689	532	864	407	1 995	2 595	1 163	1 392	1 426	...					
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>																						
Complete plumbing for exclusive use -----	12 285	1 043	1 469	509	873	375	967	1 157	329	570	269	1 004	1 064	420	916	1 320	32.9					
1.01 or more persons per room -----	354	44	92	84	22	5	64	25	21	38	16	23	30	33	3	—	32.6					
Lacking complete plumbing for exclusive use -----	412	25	33	10	10	—	—	—	—	—	—	—	—	—	24	41	27.9					
1.01 or more persons per room -----	7	7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	22.5					
<b>GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>																						
<b>Specified renter-occupied housing units</b> -----	12 235	1 031	1 404	452	799	359	1 024	1 147	342	584	280	1 082	1 073	414	911	1 333	32.5					
Less than 15 percent -----	2 942	309	575	170	332	34	232	356	144	325	24	95	120	46	84	96	32.3					
15 to 19 percent -----	2 279	273	336	109	134	72	242	277	107	56	23	202	176	108	109	130	29.6					
20 to 24 percent -----	1 783	173	120	66	98	35	162	145	74	57	45	202	204	164	164	234	31.4					
25 to 29 percent -----	1 110	71	96	33	36	56	99	103	7	30	43	90	111	37	107	191	34.2					
30 to 34 percent -----	696	66	52	9	24	59	45	48	—	3	35	55	50	53	59	135	39.7					
35 to 49 percent -----	1 238	47	70	18	19	42	91	94	9	41	35	156	180	57	147	232	34.3					
50 percent or more -----	1 564	81	116	23	32	9	110	114	17	41	27	324	218	67	158	226	30.5					
Not computed -----	623	11	39	24	124	52	43	10	24	30	48	30	14	2	83	89	55.5					
Median -----	21.6	18.7	16.6	17.0	15.2	26.1	20.5	18.8	15.7	13.7	27.8	31.0	26.3	26.1	27.7	29.2	...					



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	
<b>Owner-occupied housing units</b> .....	4 281	1 680	87	340	249	522	482	2 601	15	151	72	684	1 679
<b>PLUMBING FACILITIES</b>													
Complete plumbing for exclusive use .....	4 247	1 662	87	340	244	522	469	2 585	15	151	72	664	1 663
Lacking complete plumbing for exclusive use .....	34	18	-	-	5	-	13	16	-	-	-	-	16
<b>UNITS IN STRUCTURE</b>													
1, detached or attached .....	3 432	1 296	62	271	192	361	410	2 136	15	111	53	568	1 389
2 or more .....	576	265	9	58	29	115	54	311	-	21	10	79	201
Mobile home or trailer, etc. ....	273	119	16	11	28	46	18	154	-	19	9	37	89
<b>HOUSEHOLD INCOME IN 1979</b>													
Less than \$5,000 .....	1 207	245	18	2	12	84	129	962	7	13	12	141	789
\$5,000 to \$9,999 .....	1 217	334	6	14	14	56	244	883	5	9	8	211	650
\$10,000 to \$12,499 .....	369	161	9	29	13	56	54	208	3	11	8	83	103
\$12,500 to \$14,999 .....	295	93	15	21	21	20	16	202	-	55	8	76	63
\$15,000 to \$19,999 .....	552	358	24	135	68	121	10	194	-	50	11	99	34
\$20,000 to \$24,999 .....	349	240	7	102	45	86	-	109	-	6	20	55	28
\$25,000 to \$34,999 .....	222	203	8	35	63	74	23	19	-	7	-	12	-
\$35,000 to \$49,999 .....	34	24	-	-	-	18	6	10	-	-	-	5	5
\$50,000 or more .....	36	22	-	-	13	7	-	14	-	-	5	2	7
Median .....	\$8 508	\$15 111	\$14 250	\$19 119	\$19 539	\$17 206	\$6 867	\$6 477	\$5 250	\$14 432	\$15 000	\$9 795	\$5 269
Mean .....	\$11 261	\$15 288	\$13 927	\$19 107	\$20 721	\$16 660	\$8 545	\$8 661	\$5 212	\$13 995	\$20 968	\$10 986	\$6 737
<b>MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS</b>													
<b>Specified owner-occupied housing units</b> .....	3 161	1 168	59	262	167	314	366	1 993	15	105	53	535	1 285
<b>With a mortgage</b> .....	881	548	57	218	127	121	25	333	10	93	31	139	60
Less than \$200 .....	82	30	-	14	-	16	-	52	-	-	-	32	20
\$200 to \$249 .....	115	70	-	20	7	34	9	45	-	-	-	34	11
\$250 to \$299 .....	135	38	-	-	23	7	8	97	3	54	-	25	15
\$300 to \$349 .....	142	97	6	31	23	37	-	45	7	16	6	14	2
\$350 to \$399 .....	129	107	14	56	30	7	-	22	-	14	8	-	-
\$400 to \$499 .....	174	116	7	74	21	14	-	58	-	9	17	32	-
\$500 to \$599 .....	75	70	26	17	13	6	8	5	-	-	-	-	5
\$600 to \$749 .....	25	16	2	4	10	-	-	9	-	-	-	2	7
\$750 or more .....	4	4	2	2	-	-	-	-	-	-	-	-	-
Median .....	\$338	\$368	\$506	\$389	\$367	\$305	\$272	\$286	\$314	\$293	\$407	\$257	\$245
<b>Not mortgaged</b> .....	2 280	620	2	44	40	193	341	1 660	5	12	22	396	1 225
Less than \$50 .....	-	-	-	-	-	-	-	-	-	-	-	-	-
\$50 to \$74 .....	49	31	-	-	-	13	18	18	-	-	-	2	16
\$75 to \$99 .....	269	97	-	-	12	21	64	172	-	7	6	32	127
\$100 to \$124 .....	449	141	-	7	8	29	97	308	3	-	6	61	238
\$125 to \$149 .....	663	172	-	15	7	67	83	491	2	5	10	115	359
\$150 to \$199 .....	626	128	-	12	13	44	59	498	-	-	-	104	394
\$200 to \$249 .....	137	38	2	7	-	9	20	99	-	-	-	55	44
\$250 or more .....	87	13	-	3	-	10	-	74	-	-	-	27	47
Median .....	\$139	\$131	\$225	\$150	\$125	\$138	\$123	\$142	\$121	\$96	\$121	\$147	\$141
<b>SELECTED CHARACTERISTICS</b>													
Median selected monthly owner costs as percentage of household income in 1979 .....	25.3	20.7	35.4	24.6	18.9	14.3	20.3	28.6	48.3	24.3	30.9	21.7	31.4
With a mortgage .....	25.6	24.5	34.6	26.3	20.6	19.1	17.8	27.5	50+	24.4	31.6	26.1	44.4
Not mortgaged .....	25.0	16.0	50+	10-	10.0	12.0	20.6	29.0	14.2	10-	10-	19.8	30.9
Income in 1979 below poverty level .....	402	126	18	2	5	57	44	276	7	13	12	91	153
Percent below poverty level .....	9.4	7.5	20.7	0.6	2.0	10.9	9.1	10.6	46.7	8.6	16.7	13.3	9.1
<b>Renter-occupied housing units</b> .....	5 164	2 383	596	879	255	432	221	2 781	447	345	89	652	1 248
<b>PLUMBING FACILITIES</b>													
Complete plumbing for exclusive use .....	4 925	2 246	542	859	234	406	205	2 679	409	340	89	634	1 207
Lacking complete plumbing for exclusive use .....	239	137	54	20	21	26	16	102	38	5	-	18	41
<b>UNITS IN STRUCTURE</b>													
1, detached or attached .....	645	332	109	117	13	44	49	313	61	37	11	74	130
2 .....	1 094	589	125	272	63	94	35	505	82	78	6	137	202
3 and 4 .....	801	417	129	136	37	76	39	384	125	27	7	105	120
5 to 9 .....	684	338	59	146	52	81	-	346	83	60	22	76	105
10 to 49 .....	1 501	611	169	202	77	112	51	890	96	128	37	211	418
50 or more .....	399	62	-	-	13	16	33	337	-	15	6	49	267
Mobile home or trailer, etc. ....	40	34	5	6	-	9	14	6	-	-	-	-	6
<b>HOUSEHOLD INCOME IN 1979</b>													
Less than \$5,000 .....	1 334	299	84	68	19	63	65	1 035	105	19	7	234	670
\$5,000 to \$9,999 .....	1 370	469	166	119	14	58	112	901	131	105	15	223	427
\$10,000 to \$12,499 .....	647	299	60	129	18	71	21	348	100	110	18	78	42
\$12,500 to \$14,999 .....	521	295	104	110	45	23	13	226	58	44	7	58	59
\$15,000 to \$19,999 .....	813	599	159	291	59	80	10	214	47	61	36	34	36
\$20,000 to \$24,999 .....	298	254	23	104	53	74	-	44	-	6	6	22	10
\$25,000 to \$34,999 .....	155	148	-	51	47	50	-	7	-	-	-	3	4
\$35,000 to \$49,999 .....	13	13	-	-	-	13	-	-	-	-	-	-	-
\$50,000 or more .....	13	7	-	7	-	-	-	6	6	-	-	-	-
Median .....	\$9 524	\$13 555	\$12 000	\$15 193	\$18 142	\$15 057	\$6 440	\$6 763	\$9 594	\$11 102	\$14 107	\$7 000	\$4 816
Mean .....	\$10 570	\$13 720	\$11 267	\$15 119	\$17 785	\$15 178	\$7 232	\$7 872	\$9 516	\$11 053	\$12 899	\$7 830	\$6 067
<b>GROSS RENT</b>													
<b>Specified renter-occupied housing units</b> .....	5 085	2 351	596	871	252	416	216	2 734	447	345	87	635	1 220
Less than \$100 .....	513	113	7	22	5	32	47	400	8	-	-	46	346
\$100 to \$149 .....	759	362	107	68	68	93	26	397	19	40	7	86	245
\$150 to \$199 .....	1 130	532	106	250	28	105	43	598	147	57	20	188	186
\$200 to \$249 .....	1 338	661	159	306	67	94	35	677	129	177	40	152	179
\$250 to \$299 .....	759	398	151	137	42	52	16	361	119	51	12	92	87
\$300 to \$349 .....	293	127	41	44	22	13	7	166	14	20	6	50	76
\$350 to \$399 .....	80	54	16	18	6	10	4	26	7	-	-	-	19
\$400 to \$499 .....	51	42	2	18	7	-	15	9	-	-	-	-	9
\$500 or more .....	7	7	-	-	7	-	-	-	-	-	-	-	-
No cash rent .....	155	55	7	8	-	17	23	100	4	-	2	21	73
Median .....	\$202	\$209	\$223	\$212	\$210	\$178	\$178	\$192	\$227	\$216	\$230	\$196	\$145
<b>SELECTED CHARACTERISTICS</b>													
Median gross rent as percentage of household income in 1979 .....	23.7	19.5	22.4	18.6	15.1	14.4	29.4	27.2	26.2	23.4	18.9	27.9	29.4
Income in 1979 below poverty level .....	632	195	72	42	19	41	21	437	83	12	7	166	169
Percent below poverty level .....	12.2	8.2	12.1	4.8	7.5	9.5	9.5	15.7	18.6	3.5	7.9	25.5	13.5

**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
<b>Vacant for sale only housing units</b> -----				<b>Vacant for rent housing units</b> -----			
<b>357</b>	<b>94</b>	<b>196</b>	<b>67</b>	<b>1 170</b>	<b>624</b>	<b>424</b>	<b>122</b>
<b>ROOMS</b>				<b>ROOMS</b>			
1 to 3 rooms -----	10	8	—	1 room -----	58	17	—
4 rooms -----	34	65	2	2 rooms -----	29	60	3
5 rooms -----	4	36	22	3 rooms -----	262	112	30
6 rooms -----	24	57	17	4 rooms -----	322	153	21
7 rooms -----	22	23	13	5 rooms -----	200	67	31
8 or more rooms -----	—	7	13	6 rooms -----	71	9	37
Median -----	5.3	5.2	6.1	7 or more rooms -----	6	6	—
				Median -----	3.5	3.7	4.7
<b>PLUMBING FACILITIES</b>				<b>PLUMBING FACILITIES</b>			
Complete plumbing for exclusive use -----	94	176	67	Complete plumbing for exclusive use -----	601	396	122
Lacking complete plumbing for exclusive use -----	—	20	—	Lacking complete plumbing for exclusive use -----	23	28	—
<b>BEDROOMS</b>				<b>BEDROOMS</b>			
None -----	—	—	—	None -----	81	23	—
1 -----	10	18	—	1 -----	534	198	33
2 -----	41	76	18	2 -----	447	174	49
3 -----	37	84	36	3 -----	89	25	25
4 -----	2	16	13	4 -----	19	4	15
5 or more -----	4	2	—	5 or more -----	—	—	—
<b>YEAR STRUCTURE BUILT</b>				<b>YEAR STRUCTURE BUILT</b>			
1975 to March 1980 -----	24	44	28	1975 to March 1980 -----	231	102	29
1970 to 1974 -----	4	28	8	1970 to 1974 -----	70	25	13
1960 to 1969 -----	16	31	7	1960 to 1969 -----	40	32	3
1950 to 1959 -----	9	22	8	1950 to 1959 -----	64	53	7
1940 to 1949 -----	2	16	4	1940 to 1949 -----	46	55	19
1939 or earlier -----	39	55	12	1939 or earlier -----	173	157	51
<b>UNITS IN STRUCTURE</b>				<b>UNITS IN STRUCTURE</b>			
1, detached or attached -----	68	170	62	1, detached or attached -----	57	58	28
2 or more -----	26	9	5	2 -----	143	132	49
Mobile home or trailer -----	—	17	—	3 and 4 -----	47	57	—
				5 to 9 -----	35	49	10
				10 to 49 -----	181	110	13
				50 or more -----	161	18	22
				Mobile home or trailer -----	—	—	—
<b>HEATING EQUIPMENT</b>				<b>RENT ASKED</b>			
Central heating system -----	94	196	65	<b>Specified vacant for rent housing units</b> -----			
Other means -----	—	—	—	Less than \$100 -----	56	28	22
None -----	—	—	—	\$100 to \$149 -----	117	96	6
				\$150 to \$199 -----	193	107	77
				\$200 to \$249 -----	140	125	10
				\$250 to \$299 -----	101	64	3
				\$300 to \$399 -----	17	4	—
				\$400 or more -----	—	—	—
				Median -----	\$178	\$190	\$155
<b>PRICE ASKED</b>				<b>Specified vacant for sale only housing units</b> -----			
Less than \$10,000 -----	60	155	39	Less than \$10,000 -----	11	—	—
\$10,000 to \$19,999 -----	—	23	—	\$10,000 to \$19,999 -----	—	23	—
\$20,000 to \$29,999 -----	—	7	6	\$20,000 to \$29,999 -----	4	7	2
\$30,000 to \$39,999 -----	12	17	2	\$30,000 to \$39,999 -----	12	17	2
\$40,000 to \$49,999 -----	7	21	11	\$40,000 to \$49,999 -----	7	21	11
\$50,000 to \$59,999 -----	18	6	3	\$50,000 to \$59,999 -----	18	6	3
\$60,000 to \$79,999 -----	10	22	15	\$60,000 to \$79,999 -----	10	22	15
\$80,000 to \$99,999 -----	—	36	2	\$80,000 to \$99,999 -----	—	36	2
\$100,000 or more -----	9	12	2	\$100,000 or more -----	9	12	2
Median -----	\$52 700	\$49 100	\$50 800	Median -----	\$51 700	\$52 700	\$50 800

**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)
<b>Total</b> -----	<b>254</b>	<b>11</b>	<b>40</b>	<b>70</b>	<b>112</b>	<b>21</b>	<b>51 700</b>	<b>1 166</b>	<b>106</b>	<b>596</b>	<b>443</b>	<b>21</b>	<b>—</b>	<b>175</b>
<b>PLUMBING FACILITIES</b>														
Complete plumbing for exclusive use -----	243	—	40	70	112	21	53 200	1 115	80	583	431	21	—	177
Lacking complete plumbing for exclusive use -----	11	11	—	—	—	—	10000—	51	26	13	12	—	—	90
<b>BEDROOMS</b>														
None -----	—	—	—	—	—	—	—	81	15	16	50	—	—	256
1 -----	10	—	—	10	—	—	37 500	534	75	296	159	4	—	159
2 -----	88	11	16	32	27	2	45 000	445	2	226	200	17	—	198
3 -----	134	—	18	28	69	19	67 900	89	14	41	34	—	—	169
4 -----	18	—	6	—	12	—	65 500	17	—	17	—	—	—	153
5 or more -----	4	—	—	—	4	—	77 500	—	—	—	—	—	—	—
<b>YEAR STRUCTURE BUILT</b>														
1975 to March 1980 -----	56	—	—	2	35	19	75 000	362	49	134	169	10	—	179
1970 to 1974 -----	25	—	—	8	17	—	63 800	108	—	20	85	3	—	254
1960 to 1969 -----	54	—	—	14	40	—	64 000	75	8	27	40	—	—	202
1950 to 1959 -----	39	—	11	11	15	2	48 200	122	8	56	54	4	—	195
1940 to 1949 -----	18	—	7	11	—	—	36 100	120	—	99	21	—	—	165
1939 or earlier -----	62	11	22	24	5	—	28 800	379	41	260	74	4	—	157
<b>UNITS IN STRUCTURE</b>														
1, detached or attached -----	254	11	40	70	112	21	51 700	139	16	72	43	8	—	165
2 or more -----	—	—	—	—	—	—	—	1 027	90	524	400	13	—	177
Mobile home or trailer -----	—	—	—	—	—	—	—	—	—	—	—	—	—	—



**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]

<b>Kenosha city</b>	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)
<b>Specified owner-occupied housing units</b> -----	15 563	38	171	1 536	3 560	4 364	2 971	2 214	505	189	15	45 400	48 000
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>													
<b>Married-couple families</b> -----	11 513	15	77	856	2 266	3 336	2 446	1 891	450	161	15	47 600	50 200
15 to 24 years -----	250	-	-	20	68	113	27	22	-	-	-	43 500	44 600
25 to 34 years -----	2 654	-	7	170	560	866	570	379	76	26	-	46 800	48 900
35 to 44 years -----	2 455	-	31	125	299	610	597	600	153	34	6	52 200	54 800
45 to 64 years -----	4 484	9	15	281	861	1 267	985	789	188	80	9	48 500	51 400
65 years and over -----	1 670	6	24	260	478	480	267	101	33	21	-	41 300	43 200
<b>Male householder, no wife present</b> -----	1 150	17	44	221	332	285	134	91	19	7	-	38 700	40 700
15 to 24 years -----	52	-	-	13	12	20	7	-	-	-	-	40 400	38 900
25 to 34 years -----	237	10	-	31	55	80	32	23	6	-	-	42 200	42 600
35 to 44 years -----	179	-	8	20	66	38	34	13	-	-	-	39 200	41 500
45 to 64 years -----	350	-	23	68	94	74	45	32	7	7	-	37 600	41 800
65 years and over -----	332	7	13	89	105	73	16	23	6	-	-	36 900	38 200
<b>Female householder, no husband present</b> -----	2 900	6	50	459	962	743	391	232	36	21	-	39 700	42 000
15 to 24 years -----	32	-	-	12	13	-	7	-	-	-	-	36 500	36 400
25 to 34 years -----	369	-	-	57	122	121	58	11	-	-	-	40 300	40 300
35 to 44 years -----	411	6	12	55	145	115	35	22	21	-	-	39 300	41 500
45 to 64 years -----	902	-	25	110	284	241	117	111	-	14	-	41 300	43 700
65 years and over -----	1 186	-	13	225	398	266	174	88	15	7	-	39 000	41 600
<b>Median age</b> -----	49.7	46.7	54.2	57.6	53.3	48.3	47.4	45.7	44.7	50.9	51.9	...	...
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>													
1979 to March 1980 -----	1 441	-	7	119	228	438	259	281	84	25	-	48 300	51 800
1975 to 1978 -----	3 653	11	38	283	730	1 000	727	675	140	43	6	47 300	50 100
1970 to 1974 -----	2 417	5	13	210	483	683	511	363	113	36	-	47 300	49 900
1960 to 1969 -----	3 778	9	63	229	888	1 008	885	565	95	27	9	46 900	48 600
1959 or earlier -----	4 274	13	50	695	1 231	1 235	589	330	73	58	-	41 100	43 300
<b>ROOMS</b>													
1 to 3 rooms -----	120	5	20	40	28	15	12	-	-	-	-	27 900	30 800
4 rooms -----	2 147	19	40	371	724	671	258	58	6	-	-	38 900	39 200
5 rooms -----	5 985	-	29	545	1 405	1 887	1 412	647	50	10	-	45 000	45 800
6 rooms -----	4 166	9	40	330	862	1 269	752	804	77	23	-	46 500	48 400
7 rooms -----	1 918	5	34	170	381	352	347	419	167	33	10	50 400	53 600
8 or more rooms -----	1 227	-	8	80	160	170	190	286	205	123	5	60 300	65 600
<b>Median</b> -----	5.4	4.2	5.4	5.2	5.2	5.3	5.4	6.0	7.2	8.0	7.3	...	...
<b>BEDROOMS</b>													
None -----	16	-	8	-	8	-	-	-	-	-	-	22 500	22 500
1 -----	260	12	19	68	77	28	43	13	-	-	-	34 700	35 700
2 -----	4 036	12	45	713	1 360	1 120	551	203	25	7	-	39 200	40 400
3 -----	8 516	-	69	565	1 594	2 477	1 920	1 528	291	66	6	48 100	50 100
4 -----	2 350	14	30	173	460	657	389	383	160	80	4	48 000	52 600
5 or more -----	385	-	-	17	61	82	68	87	29	36	5	53 800	63 300
<b>YEAR STRUCTURE BUILT</b>													
1975 to March 1980 -----	850	6	-	-	27	53	121	428	156	53	6	68 900	71 700
1970 to 1974 -----	1 155	5	-	36	164	412	236	207	68	27	-	48 900	54 000
1960 to 1969 -----	3 060	-	12	34	347	893	1 013	648	79	25	9	52 000	53 700
1950 to 1959 -----	3 814	5	27	186	671	1 386	894	517	83	45	-	47 400	49 200
1940 to 1949 -----	1 549	-	23	106	466	575	247	117	11	4	-	42 700	43 700
1939 or earlier -----	5 135	22	109	1 174	1 885	1 045	460	297	108	35	-	37 000	39 700
<b>HOUSEHOLD INCOME IN 1979</b>													
Less than \$5,000 -----	836	7	29	183	219	221	100	70	7	-	-	39 200	39 800
\$5,000 to \$9,999 -----	1 508	11	46	328	527	344	143	81	21	7	-	37 400	39 400
\$10,000 to \$12,499 -----	842	6	13	103	278	259	123	35	19	6	-	40 600	42 000
\$12,500 to \$14,999 -----	715	-	13	92	261	159	130	60	-	-	-	39 600	41 800
\$15,000 to \$19,999 -----	2 155	5	22	276	619	687	337	189	12	8	-	42 300	43 400
\$20,000 to \$24,999 -----	2 594	-	29	220	570	882	469	364	55	5	-	44 400	46 600
\$25,000 to \$34,999 -----	3 890	-	19	208	658	1 128	975	741	127	34	-	49 400	51 100
\$35,000 to \$49,999 -----	2 384	9	-	118	354	587	595	520	149	42	10	51 600	54 600
\$50,000 or more -----	639	-	-	8	74	97	99	154	115	87	5	65 000	71 200
<b>Median</b> -----	\$23 321	\$10 417	\$12 019	\$16 476	\$19 101	\$22 878	\$26 378	\$29 375	\$35 682	\$46 701	\$42 867	...	...
<b>Mean</b> -----	\$24 644	\$17 599	\$14 297	\$17 415	\$20 483	\$23 631	\$26 884	\$29 974	\$39 030	\$57 408	\$55 314	...	...
<b>MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>													
<b>With a mortgage</b> -----	9 322	5	99	681	1 932	2 738	1 880	1 500	370	112	5	47 000	49 700
Less than 15 percent -----	3 423	-	28	291	672	995	786	484	128	34	5	47 500	49 400
15 to 19 percent -----	2 074	-	32	115	388	626	431	367	84	31	-	48 000	51 000
20 to 24 percent -----	1 585	-	5	89	355	408	303	316	80	29	-	48 100	51 500
25 to 29 percent -----	890	-	12	59	252	298	184	72	13	-	-	43 500	45 200
30 to 34 percent -----	473	5	8	47	88	150	49	87	26	13	-	43 800	49 600
35 percent or more -----	859	-	14	80	177	250	127	167	39	5	-	46 700	49 100
Not computed -----	18	-	-	-	-	11	-	7	-	-	-	48 600	58 100
<b>Median</b> -----	18.0	32.5	18.4	17.2	18.8	17.9	16.8	18.6	18.4	18.5	10-	...	...
<b>Not mortgaged</b> -----	6 241	33	72	855	1 628	1 626	1 091	714	135	77	10	43 000	45 400
Less than 10 percent -----	2 725	20	11	298	588	704	557	399	94	50	4	46 000	48 600
10 to 14 percent -----	1 242	6	28	140	366	305	224	133	27	7	6	42 200	44 900
15 to 19 percent -----	767	-	-	126	216	220	133	72	-	-	-	42 100	43 200
20 to 24 percent -----	403	-	-	60	140	134	32	23	7	7	-	40 100	42 200
25 to 29 percent -----	291	7	3	59	107	59	9	41	-	6	-	37 500	41 000
30 to 34 percent -----	228	-	7	57	70	41	39	14	-	-	-	37 200	39 300
35 percent or more -----	585	-	23	115	141	163	97	32	7	7	-	40 800	41 800
Not computed -----	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Median</b> -----	11.6	10-	14.5	14.6	13.1	11.8	10-	10-	10-	10-	10.8	...	...
<b>SELECTED CHARACTERISTICS</b>													
<b>Complete plumbing for exclusive use</b> -----	15 563	38	171	1 536	3 560	4 364	2 971	2 214	505	189	15	45 400	48 000
1.01 or more persons per room -----	412	-	-	40	80	186	74	32	-	-	-	44 900	45 000
<b>Lacking complete plumbing for exclusive use</b> -----	-	-	-	-	-	-	-	-	-	-	-	-	-
1.01 or more persons per room -----	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Heating equipment</b> -----	15 563	38	171	1 536	3 560	4 364	2 971	2 214	505	189	15	45 400	48 000
Central heating system -----	15 308	38	151	1 491	3 487	4 309	2 942	2 181	505	189	15	45 500	48 100
<b>Air conditioning</b> -----	9 685	13	90	783	1 956	2 721	2 083	1 496	368	160	15	47 400	49 900
Central system -----	4 026	-	20	473	993	993	1 081	933	247	138	11	53 100	56 900
<b>Income in 1979 below poverty level</b> -----	556	-	24	113	116	179	58	59	7	-	-	41 300	41 800



**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.]

<b>Kenosha city</b>	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)
<b>Specified renter-occupied housing units</b> .....	<b>9 723</b>	<b>535</b>	<b>832</b>	<b>1 786</b>	<b>2 535</b>	<b>2 094</b>	<b>1 052</b>	<b>397</b>	<b>192</b>	<b>22</b>	<b>278</b>	<b>231</b>
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>												
<b>Married-couple families</b> .....	<b>2 951</b>	<b>29</b>	<b>70</b>	<b>467</b>	<b>807</b>	<b>721</b>	<b>463</b>	<b>160</b>	<b>99</b>	<b>10</b>	<b>125</b>	<b>253</b>
15 to 24 years.....	825	5	10	158	347	196	82	11	16	—	—	237
25 to 34 years.....	968	8	11	158	254	258	154	72	37	—	16	259
35 to 44 years.....	310	—	14	40	62	44	63	38	25	5	19	288
45 to 64 years.....	561	—	15	35	119	156	125	39	13	5	54	268
65 years and over.....	287	16	20	76	25	67	39	—	8	—	36	224
<b>Male householder, no wife present</b> .....	<b>2 649</b>	<b>92</b>	<b>337</b>	<b>548</b>	<b>716</b>	<b>510</b>	<b>210</b>	<b>102</b>	<b>50</b>	<b>9</b>	<b>75</b>	<b>217</b>
15 to 24 years.....	790	7	91	122	213	222	93	19	6	—	17	238
25 to 34 years.....	927	12	68	250	329	147	60	48	7	—	6	214
35 to 44 years.....	298	5	66	32	65	59	33	21	7	—	10	217
45 to 64 years.....	421	23	100	99	79	61	13	10	18	4	14	180
65 years and over.....	213	45	12	45	30	21	11	4	12	5	28	188
<b>Female householder, no husband present</b> .....	<b>4 123</b>	<b>414</b>	<b>425</b>	<b>771</b>	<b>1 012</b>	<b>863</b>	<b>379</b>	<b>135</b>	<b>43</b>	<b>3</b>	<b>78</b>	<b>221</b>
15 to 24 years.....	947	8	25	213	328	307	51	15	—	—	—	237
25 to 34 years.....	928	5	58	161	316	212	88	68	13	3	4	239
35 to 44 years.....	331	—	7	32	58	123	75	16	20	—	—	273
45 to 64 years.....	776	54	86	214	163	117	94	10	10	—	28	206
65 years and over.....	1 141	347	249	151	147	104	71	26	—	—	46	135
<b>Median age</b> .....	<b>32.4</b>	<b>74.3</b>	<b>56.0</b>	<b>29.8</b>	<b>28.2</b>	<b>29.1</b>	<b>34.9</b>	<b>33.4</b>	<b>37.1</b>	<b>51.7</b>	<b>60.5</b>	<b>...</b>
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>												
1979 to March 1980.....	4 714	133	354	750	1 298	1 230	604	207	91	18	29	243
1975 to 1978.....	3 204	258	218	690	797	628	330	130	85	4	64	227
1970 to 1974.....	871	76	93	164	216	159	79	33	5	—	46	216
1960 to 1969.....	571	53	104	118	153	60	26	22	11	—	24	200
1959 or earlier.....	363	15	63	64	71	17	13	5	—	—	115	189
<b>ROOMS</b>												
1 room.....	154	43	50	33	28	—	—	—	—	—	—	129
2 rooms.....	612	127	197	74	143	71	—	—	—	—	—	145
3 rooms.....	2 581	320	420	715	761	271	30	17	15	—	32	184
4 rooms.....	3 110	26	120	622	841	827	518	65	35	4	52	246
5 rooms.....	2 281	19	45	305	550	705	392	129	59	—	77	260
6 rooms.....	699	—	—	32	180	174	83	106	39	10	75	275
7 or more rooms.....	286	—	—	5	32	46	29	80	44	8	42	356
<b>Median</b> .....	<b>4.0</b>	<b>2.8</b>	<b>2.9</b>	<b>3.6</b>	<b>3.9</b>	<b>4.4</b>	<b>4.5</b>	<b>5.4</b>	<b>5.3</b>	<b>6.2</b>	<b>5.2</b>	<b>...</b>
<b>PLUMBING FACILITIES BY PERSONS PER ROOM AND POVERTY STATUS IN 1979</b>												
<b>All income levels in 1979</b>												
Complete plumbing for exclusive use.....	9 723	535	832	1 786	2 535	2 094	1 052	397	192	22	278	231
0.50 or less.....	9 379	454	753	1 727	2 477	2 039	1 040	397	192	22	278	233
0.51 to 1.00.....	6 122	421	635	1 242	1 614	1 172	522	209	88	5	214	220
1.01 to 1.50.....	2 989	28	118	438	812	785	457	177	93	17	64	254
1.51 or more.....	232	—	—	35	46	75	54	11	11	—	—	280
Locking complete plumbing for exclusive use.....	36	5	—	12	5	7	—	—	—	—	—	230
0.50 or less.....	344	81	79	59	58	55	12	—	—	—	—	172
0.51 to 1.00.....	212	43	58	39	30	30	12	—	—	—	—	167
1.01 to 1.50.....	127	38	16	20	28	25	—	—	—	—	—	182
1.51 or more.....	5	—	5	—	—	—	—	—	—	—	—	145
<b>Income in 1979 below poverty level</b> .....	<b>1 433</b>	<b>143</b>	<b>166</b>	<b>249</b>	<b>325</b>	<b>304</b>	<b>139</b>	<b>69</b>	<b>7</b>	<b>—</b>	<b>31</b>	<b>219</b>
Complete plumbing for exclusive use.....	1 337	121	139	237	316	278	139	69	7	—	31	222
1.01 or more persons per room.....	113	5	—	17	19	39	26	—	7	—	—	283
Locking complete plumbing for exclusive use.....	96	22	27	12	9	26	—	—	—	—	—	148
1.01 or more persons per room.....	5	—	5	—	—	—	—	—	—	—	—	145
<b>BEDROOMS</b>												
None.....	250	69	103	40	38	—	—	—	—	—	—	132
1.....	3 673	427	603	1 052	1 097	401	16	17	15	4	41	185
2.....	4 196	39	112	598	1 114	1 301	745	130	73	—	84	257
3.....	1 406	—	14	96	264	332	277	216	79	5	123	290
4.....	157	—	—	—	22	49	14	29	12	13	18	299
5 or more.....	41	—	—	—	—	11	—	5	13	—	12	385
<b>UNITS IN STRUCTURE</b>												
1, detached or attached.....	1 297	6	37	96	240	271	172	174	93	13	195	278
2.....	3 321	44	270	783	903	784	320	142	29	—	46	227
3 and 4.....	1 478	44	195	455	355	241	112	31	37	4	4	206
5 to 9.....	1 135	58	71	199	335	286	169	7	6	—	4	236
10 to 49.....	2 100	204	155	220	683	482	257	43	27	5	24	234
50 or more.....	384	179	104	33	19	22	22	—	—	—	5	105
Mobile home or trailer, etc.....	8	—	—	—	—	8	—	—	—	—	—	288
<b>YEAR STRUCTURE BUILT</b>												
1975 to March 1980.....	1 444	220	144	75	298	292	314	49	25	—	27	245
1970 to 1974.....	1 096	55	25	94	334	317	168	54	29	5	15	255
1960 to 1969.....	1 451	113	17	133	491	426	154	76	19	5	17	247
1950 to 1959.....	800	7	38	110	204	214	75	33	54	—	65	252
1940 to 1949.....	1 049	—	86	266	277	219	100	44	25	3	29	224
1939 or earlier.....	3 883	140	522	1 108	931	626	241	141	40	9	125	205
<b>STORIES IN STRUCTURE</b>												
1 to 3.....	9 661	526	814	1 772	2 528	2 088	1 044	397	192	22	278	231
4 or more.....	62	9	18	14	7	6	8	—	—	—	—	156
With elevator.....	30	9	6	7	—	—	8	—	—	—	—	150
<b>GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>												
Less than 15 percent.....	2 235	122	254	594	662	379	140	53	27	4	...	211
15 to 19 percent.....	1 786	100	103	313	499	455	236	50	30	—	...	239
20 to 24 percent.....	1 461	148	117	196	409	321	145	71	54	—	...	233
25 to 29 percent.....	939	81	77	151	247	216	97	45	20	5	...	231
30 to 34 percent.....	553	37	38	77	134	130	91	16	25	5	...	247
35 to 49 percent.....	1 030	11	149	187	273	206	137	60	4	3	...	231
50 percent or more.....	1 305	20	53	244	300	375	192	84	32	5	...	255
Not computed.....	414	16	41	24	11	12	14	18	—	—	278	174
<b>Median</b> .....	<b>22.2</b>	<b>21.3</b>	<b>21.6</b>	<b>19.6</b>	<b>21.2</b>	<b>23.2</b>	<b>24.9</b>	<b>26.7</b>	<b>23.6</b>	<b>32.0</b>	<b>...</b>	<b>...</b>
<b>SELECTED CHARACTERISTICS</b>												
<b>Heating equipment</b> .....	<b>9 717</b>	<b>535</b>	<b>832</b>	<b>1 786</b>	<b>2 529</b>	<b>2 094</b>	<b>1 052</b>	<b>397</b>	<b>192</b>	<b>22</b>	<b>278</b>	<b>231</b>
Central heating system.....	8 975	530	759	1 570	2 340	1 933	1 022	342	186	22	271	232
<b>Air conditioning</b> .....	<b>4 413</b>	<b>182</b>	<b>294</b>	<b>535</b>	<b>1 327</b>	<b>1 105</b>	<b>606</b>	<b>110</b>	<b>104</b>	<b>8</b>	<b>142</b>	<b>243</b>
Central system.....	513	12	27	44	111	104	86	18	68	5	38	265

**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.]

Kenosha 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)
<b>Owner-occupied housing units</b> .....	<b>18 174</b>	<b>1 111</b>	<b>1 884</b>	<b>994</b>	<b>881</b>	<b>2 496</b>	<b>2 978</b>	<b>4 492</b>	<b>2 626</b>	<b>712</b>	<b>22 869</b>	<b>24 106</b>	<b>731</b>
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>													
<b>Married-couple families</b> .....	<b>12 978</b>	<b>234</b>	<b>775</b>	<b>506</b>	<b>439</b>	<b>1 631</b>	<b>2 352</b>	<b>3 973</b>	<b>2 409</b>	<b>659</b>	<b>26 163</b>	<b>27 642</b>	<b>248</b>
15 to 24 years .....	320	5	4	25	12	108	62	83	17	4	20 429	21 927	5
25 to 34 years .....	2 957	18	6	23	95	517	859	1 062	351	26	24 758	25 948	21
35 to 44 years .....	2 680	60	26	11	25	207	528	1 032	662	129	28 848	30 423	79
45 to 64 years .....	5 117	67	174	104	120	474	773	1 656	1 301	448	30 144	31 880	80
65 years and over .....	1 904	84	565	343	187	325	130	140	78	52	12 208	15 926	63
<b>Male householder, no wife present</b> .....	<b>1 619</b>	<b>143</b>	<b>223</b>	<b>139</b>	<b>98</b>	<b>327</b>	<b>280</b>	<b>282</b>	<b>105</b>	<b>22</b>	<b>18 605</b>	<b>19 130</b>	<b>84</b>
15 to 24 years .....	91	11	—	6	7	30	24	6	7	—	19 076	18 358	21
25 to 34 years .....	348	—	—	25	14	115	104	71	3	5	20 425	21 167	—
35 to 44 years .....	243	12	—	7	15	64	51	70	24	—	21 895	22 897	5
45 to 64 years .....	510	55	51	49	24	102	67	96	53	13	19 145	20 426	48
65 years and over .....	427	65	161	52	38	16	34	39	18	4	9 572	13 944	10
<b>Female householder, no husband present</b> .....	<b>3 577</b>	<b>734</b>	<b>886</b>	<b>349</b>	<b>344</b>	<b>538</b>	<b>346</b>	<b>237</b>	<b>112</b>	<b>31</b>	<b>11 207</b>	<b>13 532</b>	<b>399</b>
15 to 24 years .....	35	7	7	—	—	7	11	—	3	—	16 250	15 068	14
25 to 34 years .....	471	62	56	61	108	114	11	32	27	—	13 808	14 832	99
35 to 44 years .....	456	36	96	40	64	106	72	31	6	5	14 688	16 134	71
45 to 64 years .....	1 095	100	223	99	96	220	160	129	42	26	15 683	17 206	99
65 years and over .....	1 520	529	504	149	76	91	92	45	34	—	6 739	9 667	116
<b>Median age</b> .....	<b>50.2</b>	<b>70.3</b>	<b>69.5</b>	<b>65.9</b>	<b>58.1</b>	<b>44.4</b>	<b>40.3</b>	<b>43.8</b>	<b>48.0</b>	<b>53.6</b>	<b>...</b>	<b>...</b>	<b>52.1</b>
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>													
1979 to March 1980 .....	1 821	47	93	98	83	379	393	475	203	50	22 730	23 938	74
1975 to 1978 .....	4 258	131	175	98	209	692	945	1 294	608	106	24 275	25 329	170
1970 to 1974 .....	2 860	135	137	127	123	402	494	850	428	164	25 096	26 242	143
1960 to 1969 .....	4 153	225	389	253	211	377	547	1 081	870	200	25 677	26 470	148
1959 or earlier .....	5 082	573	1 090	418	255	646	599	792	517	192	16 798	20 009	196
<b>SELECTED CHARACTERISTICS</b>													
<b>Complete plumbing for exclusive use</b> .....	<b>18 118</b>	<b>1 098</b>	<b>1 880</b>	<b>990</b>	<b>881</b>	<b>2 488</b>	<b>2 958</b>	<b>4 485</b>	<b>2 626</b>	<b>712</b>	<b>22 898</b>	<b>24 132</b>	<b>726</b>
1.01 or more persons per room .....	494	5	12	—	16	68	143	137	88	25	25 417	28 394	20
<b>Lacking complete plumbing for exclusive use</b> .....	<b>56</b>	<b>13</b>	<b>4</b>	<b>4</b>	<b>—</b>	<b>8</b>	<b>20</b>	<b>7</b>	<b>—</b>	<b>—</b>	<b>19 688</b>	<b>15 659</b>	<b>5</b>
1.01 or more persons per room .....	—	—	—	—	—	—	—	—	—	—	—	—	—
<b>Heating equipment</b> .....	<b>18 174</b>	<b>1 111</b>	<b>1 884</b>	<b>994</b>	<b>881</b>	<b>2 496</b>	<b>2 978</b>	<b>4 492</b>	<b>2 626</b>	<b>712</b>	<b>22 869</b>	<b>24 106</b>	<b>731</b>
Central heating system .....	17 760	1 084	1 799	954	826	2 436	2 960	4 419	2 570	712	22 987	24 230	718
<b>Air conditioning</b> .....	<b>11 090</b>	<b>542</b>	<b>964</b>	<b>628</b>	<b>519</b>	<b>1 415</b>	<b>1 902</b>	<b>2 839</b>	<b>1 807</b>	<b>474</b>	<b>23 886</b>	<b>25 274</b>	<b>340</b>
Central system .....	4 403	148	263	223	191	440	700	1 259	909	270	26 675	28 191	112
<b>Vehicles available</b> .....	<b>17 042</b>	<b>679</b>	<b>1 440</b>	<b>893</b>	<b>835</b>	<b>2 444</b>	<b>2 938</b>	<b>4 487</b>	<b>2 614</b>	<b>712</b>	<b>23 793</b>	<b>25 188</b>	<b>547</b>
1 .....	6 392	518	1 189	668	545	1 297	934	885	266	90	16 106	17 334	325
2 or more .....	10 650	161	251	225	290	1 147	2 004	3 602	2 348	622	28 187	29 901	222
<b>House heating fuel</b> .....	<b>18 174</b>	<b>1 111</b>	<b>1 884</b>	<b>994</b>	<b>881</b>	<b>2 496</b>	<b>2 978</b>	<b>4 492</b>	<b>2 626</b>	<b>712</b>	<b>22 869</b>	<b>24 106</b>	<b>731</b>
Utility gas .....	15 947	923	1 568	842	719	2 181	2 665	4 039	2 367	643	23 264	24 473	619
Bottled, tank, or LP gas .....	78	3	10	—	—	6	22	26	11	—	24 773	24 567	3
Electricity .....	81	6	17	6	—	26	—	17	2	7	16 917	19 550	—
Fuel oil, kerosene, etc. ....	2 062	179	289	146	162	283	291	410	240	62	19 630	21 380	109
Other .....	6	—	—	—	—	—	—	—	6	—	40 906	42 040	—
<b>Median rooms</b> .....	<b>5.4</b>	<b>4.9</b>	<b>5.1</b>	<b>5.0</b>	<b>5.2</b>	<b>5.2</b>	<b>5.3</b>	<b>5.5</b>	<b>5.8</b>	<b>6.4</b>	<b>...</b>	<b>...</b>	<b>5.3</b>
<b>Specified owner-occupied housing units</b> .....	<b>15 563</b>	<b>836</b>	<b>1 508</b>	<b>842</b>	<b>715</b>	<b>2 155</b>	<b>2 594</b>	<b>3 890</b>	<b>2 384</b>	<b>639</b>	<b>23 321</b>	<b>24 644</b>	<b>556</b>
<b>MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS</b>													
<b>With a mortgage</b> .....	<b>9 322</b>	<b>247</b>	<b>351</b>	<b>273</b>	<b>328</b>	<b>1 349</b>	<b>1 897</b>	<b>2 829</b>	<b>1 658</b>	<b>390</b>	<b>25 638</b>	<b>27 143</b>	<b>331</b>
Less than \$200 .....	279	23	28	18	—	42	86	49	24	9	21 738	21 396	10
\$200 to \$249 .....	968	41	57	55	56	132	200	253	128	46	23 438	25 453	42
\$250 to \$299 .....	1 702	42	53	56	86	229	300	530	331	75	26 109	27 601	53
\$300 to \$349 .....	1 583	45	38	46	71	202	349	439	347	46	25 779	27 280	53
\$350 to \$399 .....	1 380	20	57	41	46	218	362	355	239	42	23 662	25 945	55
\$400 to \$499 .....	2 025	63	89	44	50	380	370	717	258	54	25 084	25 879	99
\$500 to \$599 .....	894	7	16	5	14	115	142	359	185	51	28 556	29 979	7
\$600 to \$749 .....	407	6	13	8	5	31	82	110	126	26	30 896	31 211	12
\$750 or more .....	84	—	—	—	—	—	6	17	20	41	35 280	52 468	—
Median .....	\$355	\$319	\$349	\$308	\$315	\$366	\$352	\$370	\$350	\$373	...	...	\$357
<b>Not mortgaged</b> .....	<b>6 241</b>	<b>589</b>	<b>1 157</b>	<b>569</b>	<b>387</b>	<b>806</b>	<b>697</b>	<b>1 061</b>	<b>726</b>	<b>249</b>	<b>17 833</b>	<b>20 912</b>	<b>225</b>
Less than \$50 .....	6	—	—	—	—	6	—	—	—	—	16 250	15 845	—
\$50 to \$74 .....	33	7	19	—	7	—	—	—	—	—	6 827	7 826	7
\$75 to \$99 .....	177	26	54	13	16	30	12	19	7	—	11 635	14 225	6
\$100 to \$124 .....	823	143	231	87	42	145	74	37	58	6	11 078	14 284	36
\$125 to \$149 .....	1 482	155	390	221	102	212	136	154	87	25	12 217	15 872	54
\$150 to \$199 .....	2 617	208	385	196	193	316	353	550	340	76	20 157	21 537	95
\$200 to \$249 .....	836	28	71	33	27	97	103	264	147	66	27 169	28 282	20
\$250 or more .....	267	22	7	19	—	—	19	37	87	76	38 276	46 272	7
Median .....	\$161	\$144	\$143	\$146	\$157	\$152	\$168	\$179	\$181	\$213	...	...	\$155
<b>MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>													
<b>With a mortgage</b> .....	<b>9 322</b>	<b>247</b>	<b>351</b>	<b>273</b>	<b>328</b>	<b>1 349</b>	<b>1 897</b>	<b>2 829</b>	<b>1 658</b>	<b>390</b>	<b>25 638</b>	<b>27 143</b>	<b>331</b>
Less than 15 percent .....	3 423	—	—	5	—	70	432	1 289	1 272	355	34 154	36 498	7
15 to 19 percent .....	2 074	—	—	6	24	273	527	920	289	35	27 121	27 897	5
20 to 24 percent .....	1 585	—	8	43	85	309	557	502	81	—	22 553	23 385	—
25 to 29 percent .....	890	8	33	42	88	410	226	77	6	—	18 755	18 496	9
30 to 34 percent .....	473	—	32	79	54	168	104	36	—	—	17 154	17 286	—
35 percent or more .....	859	225	278	98	77	119	47	5	10	—	8 374	9 835	296
Not computed .....	18	14	—	—	—	—	4	—	—	—	2500—	4 447	14
Median .....	18.0	50+	50+	32.6	28.1	25.3	19.9	15.7	11.5	10—	...	...	50+
<b>Not mortgaged</b> .....	<b>6 241</b>	<b>589</b>	<b>1 157</b>	<b>569</b>	<b>387</b>	<b>806</b>	<b>697</b>	<b>1 061</b>	<b>726</b>	<b>249</b>	<b>17 833</b>	<b>20 912</b>	<b>225</b>
Less than 10 percent .....	2 725	—	6	6	23	294	459	980	715	242	30 773	33 616	—
10 to 14 percent .....	1 242	—	85	200	219	427	219	74	11	7	16 406	16 833	15
15 to 19 percent .....	767	—	271										



**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]

Kenosha 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)
<b>Renter-occupied housing units</b> .....	<b>9 790</b>	<b>1 735</b>	<b>2 117</b>	<b>980</b>	<b>1 004</b>	<b>1 704</b>	<b>1 124</b>	<b>837</b>	<b>202</b>	<b>87</b>	<b>12 657</b>	<b>14 195</b>	<b>1 433</b>
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>													
<b>Married-couple families</b> .....	<b>2 982</b>	<b>163</b>	<b>350</b>	<b>262</b>	<b>317</b>	<b>631</b>	<b>594</b>	<b>526</b>	<b>118</b>	<b>21</b>	<b>18 348</b>	<b>18 724</b>	<b>222</b>
15 to 24 years .....	825	75	90	92	124	173	174	71	19	7	15 926	16 421	98
25 to 34 years .....	993	61	71	73	77	212	209	235	50	5	20 054	20 394	80
35 to 44 years .....	310	7	23	24	37	61	67	79	12	—	20 227	20 010	23
45 to 64 years .....	567	15	47	21	49	125	131	133	37	9	20 779	21 765	21
65 years and over .....	287	5	119	52	30	60	13	8	—	—	10 938	12 165	—
<b>Male householder, no wife present</b> .....	<b>2 654</b>	<b>324</b>	<b>425</b>	<b>296</b>	<b>284</b>	<b>629</b>	<b>373</b>	<b>234</b>	<b>59</b>	<b>30</b>	<b>14 982</b>	<b>15 543</b>	<b>295</b>
15 to 24 years .....	790	99	136	100	119	167	110	52	7	—	13 761	14 033	111
25 to 34 years .....	927	99	135	113	113	282	112	51	15	7	15 053	15 078	110
35 to 44 years .....	303	18	7	16	28	81	66	59	16	12	20 110	21 766	18
45 to 64 years .....	421	49	59	54	20	89	75	43	21	11	16 454	17 210	35
65 years and over .....	154	59	88	13	4	10	10	29	—	—	7 375	11 019	21
<b>Female householder, no husband present</b> .....	<b>4 154</b>	<b>1 248</b>	<b>1 342</b>	<b>422</b>	<b>403</b>	<b>444</b>	<b>157</b>	<b>77</b>	<b>25</b>	<b>36</b>	<b>7 766</b>	<b>10 082</b>	<b>916</b>
15 to 24 years .....	947	286	276	92	116	128	16	22	—	11	8 093	9 565	343
25 to 34 years .....	932	131	343	115	102	149	56	19	10	7	9 886	11 753	230
35 to 44 years .....	331	21	78	66	45	73	21	12	15	—	12 528	14 174	55
45 to 64 years .....	795	206	278	104	83	58	42	24	—	—	8 284	9 465	143
65 years and over .....	1 149	604	367	45	57	36	22	—	—	18	4 870	8 402	145
<b>Median age</b> .....	<b>32.4</b>	<b>52.6</b>	<b>35.7</b>	<b>29.4</b>	<b>28.7</b>	<b>29.3</b>	<b>31.1</b>	<b>33.8</b>	<b>35.0</b>	<b>39.6</b>	<b>...</b>	<b>...</b>	<b>28.3</b>
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>													
1979 to March 1980 .....	4 733	871	1 012	461	550	868	545	287	109	30	12 602	13 559	928
1975 to 1978 .....	3 215	477	632	285	336	583	408	402	53	39	14 089	15 341	351
1970 to 1974 .....	886	162	198	96	60	163	105	80	22	—	12 163	13 489	77
1960 to 1969 .....	585	126	175	97	25	62	40	45	8	7	9 728	13 065	44
1959 or earlier .....	371	99	100	41	33	28	26	23	10	11	8 911	15 839	33
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>													
<b>Complete plumbing for exclusive use</b> .....	<b>9 442</b>	<b>1 602</b>	<b>2 050</b>	<b>955</b>	<b>956</b>	<b>1 674</b>	<b>1 104</b>	<b>818</b>	<b>196</b>	<b>87</b>	<b>12 798</b>	<b>14 344</b>	<b>1 337</b>
0.50 or less .....	6 156	1 190	1 460	661	615	1 063	557	447	101	62	11 619	13 523	623
0.51 to 1.00 .....	3 013	373	502	267	316	581	522	345	82	25	15 466	16 003	601
1.01 to 1.50 .....	232	34	75	27	20	30	14	19	13	—	10 648	14 564	102
1.51 or more .....	41	5	13	—	5	—	11	7	—	—	13 750	14 475	11
<b>Lacking complete plumbing for exclusive use</b> .....	<b>348</b>	<b>133</b>	<b>67</b>	<b>25</b>	<b>48</b>	<b>30</b>	<b>20</b>	<b>19</b>	<b>6</b>	<b>—</b>	<b>7 903</b>	<b>10 144</b>	<b>96</b>
0.50 or less .....	216	79	45	20	32	20	8	12	—	—	7 895	9 684	49
0.51 to 1.00 .....	127	49	22	5	16	10	12	7	6	—	8 438	11 168	42
1.01 to 1.50 .....	5	5	—	—	—	—	—	—	—	—	3 750	4 005	5
1.51 or more .....	—	—	—	—	—	—	—	—	—	—	—	—	—
<b>SELECTED CHARACTERISTICS</b>													
<b>Heating equipment</b> .....	<b>9 784</b>	<b>1 735</b>	<b>2 117</b>	<b>980</b>	<b>998</b>	<b>1 704</b>	<b>1 124</b>	<b>837</b>	<b>202</b>	<b>87</b>	<b>12 650</b>	<b>14 196</b>	<b>1 433</b>
Central heating system .....	9 042	1 591	1 935	887	901	1 575	1 081	804	194	74	12 800	14 337	1 243
<b>Air conditioning</b> .....	<b>4 441</b>	<b>560</b>	<b>909</b>	<b>463</b>	<b>452</b>	<b>782</b>	<b>648</b>	<b>446</b>	<b>135</b>	<b>46</b>	<b>14 096</b>	<b>15 694</b>	<b>343</b>
Central system .....	521	80	88	64	71	60	69	59	21	9	13 504	15 976	21
<b>Vehicles available</b> .....	<b>7 862</b>	<b>718</b>	<b>1 503</b>	<b>871</b>	<b>929</b>	<b>1 648</b>	<b>1 100</b>	<b>811</b>	<b>202</b>	<b>80</b>	<b>14 758</b>	<b>16 071</b>	<b>786</b>
1 .....	5 347	603	1 312	724	681	1 104	558	297	31	37	12 627	13 853	614
2 or more .....	2 515	115	191	147	248	544	542	514	171	43	20 094	20 787	172
<b>House heating fuel</b> .....	<b>9 784</b>	<b>1 735</b>	<b>2 117</b>	<b>980</b>	<b>998</b>	<b>1 704</b>	<b>1 124</b>	<b>837</b>	<b>202</b>	<b>87</b>	<b>12 650</b>	<b>14 196</b>	<b>1 433</b>
Utility gas .....	7 734	1 431	1 665	802	775	1 294	866	680	153	68	12 403	14 016	1 204
Bottled, tank, or LP gas .....	60	—	17	18	5	5	8	7	—	—	11 806	14 205	12
Electricity .....	1 246	207	297	92	152	223	162	89	12	12	12 944	14 098	124
Fuel oil, kerosene, etc. .....	706	97	126	58	66	175	83	61	33	7	15 195	16 287	93
Other .....	38	—	12	10	—	7	5	—	4	—	11 750	15 189	—
<b>Median rooms</b> .....	<b>4.0</b>	<b>3.4</b>	<b>3.8</b>	<b>3.9</b>	<b>3.9</b>	<b>4.2</b>	<b>4.2</b>	<b>4.5</b>	<b>4.6</b>	<b>4.3</b>	<b>...</b>	<b>...</b>	<b>4.1</b>
<b>Specified renter-occupied housing units</b> .....	<b>9 723</b>	<b>1 727</b>	<b>2 094</b>	<b>980</b>	<b>995</b>	<b>1 692</b>	<b>1 114</b>	<b>837</b>	<b>202</b>	<b>82</b>	<b>12 652</b>	<b>14 188</b>	<b>1 433</b>
<b>CONTRACT RENT</b>													
Less than \$100 .....	752	444	184	48	16	19	20	6	8	7	4 577	6 950	164
\$100 to \$149 .....	1 508	381	457	86	136	236	77	87	29	19	9 054	12 240	294
\$150 to \$199 .....	3 237	512	763	400	351	568	341	229	46	27	12 147	13 570	557
\$200 to \$249 .....	2 417	216	445	278	296	505	399	227	35	16	14 776	15 953	282
\$250 to \$299 .....	1 230	90	160	127	163	262	217	166	45	—	16 550	17 216	87
\$300 to \$349 .....	211	41	21	11	8	40	19	53	18	—	17 112	18 393	18
\$350 to \$399 .....	76	—	12	—	—	15	20	20	—	9	22 115	24 245	—
\$400 to \$499 .....	10	—	—	—	5	—	—	5	—	—	21 250	20 213	—
\$500 or more .....	4	—	—	—	—	—	—	—	—	4	52 076	55 980	—
No cash rent .....	278	43	52	30	20	47	21	44	21	—	14 250	16 049	31
<b>Median</b> .....	<b>\$187</b>	<b>\$151</b>	<b>\$170</b>	<b>\$188</b>	<b>\$199</b>	<b>\$200</b>	<b>\$214</b>	<b>\$216</b>	<b>\$216</b>	<b>\$161</b>	<b>...</b>	<b>...</b>	<b>\$171</b>
<b>GROSS RENT</b>													
Less than \$100 .....	535	387	105	17	6	6	—	6	8	—	4 149	5 369	143
\$100 to \$149 .....	832	270	300	47	59	93	24	22	10	7	6 973	9 580	166
\$150 to \$199 .....	1 786	329	486	198	185	255	179	87	46	21	10 985	13 025	249
\$200 to \$249 .....	2 535	275	508	356	317	534	315	196	5	29	13 513	15 050	325
\$250 to \$299 .....	2 094	237	383	198	275	444	285	242	30	—	14 582	15 046	304
\$300 to \$349 .....	1 052	127	185	74	108	198	192	115	46	7	16 194	17 020	139
\$350 to \$399 .....	397	59	43	60	16	67	60	69	18	5	16 767	17 080	69
\$400 to \$499 .....	192	—	32	—	4	45	33	51	18	9	21 705	23 253	7
\$500 or more .....	22	—	—	—	5	3	5	—	—	4	21 500	26 224	—
No cash rent .....	278	43	52	30	20	47	21	44	21	—	14 250	16 049	31
<b>Median</b> .....	<b>\$231</b>	<b>\$179</b>	<b>\$212</b>	<b>\$231</b>	<b>\$238</b>	<b>\$244</b>	<b>\$254</b>	<b>\$265</b>	<b>\$289</b>	<b>\$226</b>	<b>...</b>	<b>...</b>	<b>\$219</b>
<b>GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>													
Less than 15 percent .....	2 235	9	83	43	97	445	625	670	181	82	23 478	25 959	6
15 to 19 percent .....	1 786	70	112	155	244	739	373	93	—	—	17 016	16 701	18
20 to 24 percent .....	1 461	143	262	230	380	331	90	25	—	—	13 128	12 773	49
25 to 29 percent .....	939	86	287	278	181	102	—	—	—	—	10 868	10 509	76
30 to 34 percent .....	553	59	247	153	64	25	5	—	—	—	9 524	9 356	56
35 to 49 percent .....	1 030	221	711	91	4	3	—	—	—	—	6 801	6 799	193
50 percent or more .....	1 305	960	340	—	5	—	—	—	—	—	3 756	3 836	868
Not computed .....	414	179	52	30	20	47	21	44	21	—	6 591	10 614	167



**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]

<b>Kenosha city</b>	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)
<b>Specified owner-occupied housing units</b> -----	<b>9 322</b>	<b>279</b>	<b>968</b>	<b>1 702</b>	<b>1 583</b>	<b>1 380</b>	<b>2 025</b>	<b>894</b>	<b>407</b>	<b>84</b>	<b>355</b>
<b>PERSONS IN UNIT</b>											
1 person -----	537	32	68	88	97	88	114	43	7	—	341
2 persons -----	1 978	127	245	403	257	202	442	165	128	9	342
3 persons -----	2 013	41	316	374	303	274	366	256	66	17	345
4 persons -----	2 441	36	169	408	428	462	542	252	126	18	369
5 persons -----	1 405	43	102	260	277	190	348	113	48	24	355
6 persons -----	603	—	32	109	156	94	146	29	27	10	352
7 persons -----	234	—	11	51	37	58	54	17	—	6	366
8 or more persons -----	111	—	25	9	28	12	13	19	5	—	338
Median -----	3.55	2.35	3.04	3.46	3.81	3.77	3.67	3.43	3.52	4.39	...
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>											
<b>Married-couple families</b> -----	<b>7 601</b>	<b>202</b>	<b>702</b>	<b>1 342</b>	<b>1 303</b>	<b>1 086</b>	<b>1 698</b>	<b>808</b>	<b>382</b>	<b>78</b>	<b>362</b>
15 to 24 years -----	227	—	—	25	23	17	113	13	36	—	435
25 to 34 years -----	2 599	25	96	206	442	531	708	424	152	15	400
35 to 44 years -----	2 249	40	182	451	358	351	496	240	109	22	363
45 to 64 years -----	2 291	120	350	595	447	183	352	124	79	41	309
65 years and over -----	235	17	74	65	33	4	29	7	6	—	270
<b>Male householder, no wife present</b> -----	<b>601</b>	<b>24</b>	<b>63</b>	<b>60</b>	<b>124</b>	<b>127</b>	<b>116</b>	<b>69</b>	<b>12</b>	<b>6</b>	<b>362</b>
15 to 24 years -----	52	—	7	7	18	6	—	14	—	—	333
25 to 34 years -----	218	—	7	5	45	38	77	34	6	6	418
35 to 44 years -----	152	7	6	15	41	48	22	7	6	—	357
45 to 64 years -----	147	17	33	19	20	35	17	6	—	—	311
65 years and over -----	32	—	10	14	—	—	—	8	—	—	271
<b>Female householder, no husband present</b> -----	<b>1 120</b>	<b>53</b>	<b>203</b>	<b>300</b>	<b>156</b>	<b>167</b>	<b>211</b>	<b>17</b>	<b>13</b>	<b>—</b>	<b>301</b>
15 to 24 years -----	32	—	5	—	14	7	6	—	—	—	339
25 to 34 years -----	336	—	40	89	54	69	84	—	—	—	336
35 to 44 years -----	339	23	62	90	65	38	55	—	6	—	297
45 to 64 years -----	321	25	81	82	17	48	56	12	—	—	283
65 years and over -----	92	5	15	39	6	5	10	5	7	—	283
Median age -----	39.1	52.0	50.6	44.4	39.2	35.5	35.4	34.3	35.6	44.5	...
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>											
1979 to March 1980 -----	1 316	4	20	49	102	122	492	303	203	21	474
1975 to 1978 -----	3 318	46	113	239	531	750	1 052	403	150	34	399
1970 to 1974 -----	1 925	42	179	469	546	326	209	101	35	18	325
1960 to 1969 -----	2 185	112	488	818	325	156	190	72	13	11	280
1959 or earlier -----	578	75	168	127	79	26	82	15	6	—	268
<b>ROOMS</b>											
1 to 3 rooms -----	55	6	6	27	5	6	5	—	—	—	279
4 rooms -----	749	42	77	181	67	157	155	52	18	—	352
5 rooms -----	3 552	154	463	778	648	502	661	262	78	6	329
6 rooms -----	2 613	52	297	420	447	375	659	242	95	26	362
7 rooms -----	1 446	10	93	223	246	184	338	241	111	—	391
8 or more rooms -----	907	15	32	73	170	156	207	97	105	52	403
Median -----	5.6	5.1	5.4	5.3	5.7	5.6	5.8	6.0	6.6	7.8	...
<b>YEAR STRUCTURE BUILT</b>											
1975 to March 1980 -----	732	—	18	12	43	59	245	216	115	24	496
1970 to 1974 -----	988	—	46	134	250	174	254	57	49	24	368
1960 to 1969 -----	2 180	38	245	580	377	354	346	170	58	12	330
1950 to 1959 -----	1 938	61	247	383	313	226	417	223	60	8	344
1940 to 1949 -----	738	35	57	113	95	137	189	83	24	5	375
1939 or earlier -----	2 746	145	355	480	505	430	574	145	101	11	339
<b>VALUE</b>											
Less than \$10,000 -----	5	—	—	5	—	—	—	—	—	—	275
\$10,000 to \$19,999 -----	99	25	28	22	11	8	5	—	—	—	244
\$20,000 to \$29,999 -----	681	38	142	181	175	74	66	5	—	—	294
\$30,000 to \$39,999 -----	1 932	91	299	421	386	354	345	28	8	—	320
\$40,000 to \$49,999 -----	2 738	88	338	507	466	347	719	227	41	5	347
\$50,000 to \$59,999 -----	1 880	18	118	367	280	390	431	211	65	—	370
\$60,000 to \$79,999 -----	1 500	19	37	172	232	169	371	302	175	23	433
\$80,000 to \$99,999 -----	370	—	6	27	33	34	70	89	88	23	517
\$100,000 to \$149,999 -----	112	—	—	—	—	4	18	27	30	33	635
\$150,000 or more -----	5	—	—	—	—	—	—	5	—	—	550
Median -----	\$47 000	\$38 900	\$40 500	\$43 900	\$44 400	\$47 600	\$48 200	\$58 800	\$72 300	\$96 100	...
<b>SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>											
Less than 15 percent -----	3 423	200	659	1 093	749	376	230	84	14	18	289
15 to 19 percent -----	2 074	17	117	291	387	361	604	213	61	23	381
20 to 24 percent -----	1 585	15	75	134	204	351	418	241	143	4	403
25 to 29 percent -----	890	28	32	56	85	136	391	136	20	6	422
30 to 34 percent -----	473	—	27	38	75	30	118	108	65	12	465
35 percent or more -----	859	15	58	83	83	126	257	112	104	21	419
Not computed -----	18	—	—	7	—	—	7	—	—	—	286
Median -----	18.0	10.2	12.6	13.2	15.5	19.3	22.1	23.1	24.5	21.3	...
<b>SELECTED CHARACTERISTICS</b>											
<b>Heating equipment</b> -----	<b>9 322</b>	<b>279</b>	<b>968</b>	<b>1 702</b>	<b>1 583</b>	<b>1 380</b>	<b>2 025</b>	<b>894</b>	<b>407</b>	<b>84</b>	<b>355</b>
Steam or hot water system -----	654	18	35	60	147	74	166	87	44	23	395
Central warm-air furnace or electric heat pump -----	8 480	247	919	1 600	1 406	1 285	1 818	781	363	61	353
Other built-in electric units -----	23	6	6	6	—	—	—	5	—	—	246
Floor, wall, or pipeless furnace -----	26	—	—	12	—	—	6	8	—	—	408
Other means -----	139	8	8	24	30	21	35	13	—	—	349
<b>Air conditioning</b> -----	<b>5 687</b>	<b>183</b>	<b>592</b>	<b>937</b>	<b>943</b>	<b>938</b>	<b>1 188</b>	<b>560</b>	<b>268</b>	<b>78</b>	<b>360</b>
Central system -----	2 378	61	182	323	340	355	582	315	152	68	390
1 or more individual room units -----	3 309	122	410	614	603	583	606	245	116	10	342
<b>House heating fuel</b> -----	<b>9 322</b>	<b>279</b>	<b>968</b>	<b>1 702</b>	<b>1 583</b>	<b>1 380</b>	<b>2 025</b>	<b>894</b>	<b>407</b>	<b>84</b>	<b>355</b>
Utility gas -----	8 315	240	860	1 544	1 420	1 190	1 834	778	374	75	354
Bottled, tank, or LP gas -----	9	—	—	—	3	6	—	—	—	—	363
Electricity -----	50	6	6	6	8	—	3	17	—	4	344
Fuel oil, kerosene, etc. -----	942	33	102	146	152	184	188	99	33	5	360
Other -----	6	—	—	6	—	—	—	—	—	—	275

**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]

Kenosha 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)
<b>Specified owner-occupied housing units -----</b>	<b>6 241</b>	<b>6</b>	<b>33</b>	<b>177</b>	<b>823</b>	<b>1 482</b>	<b>2 617</b>	<b>836</b>	<b>267</b>	<b>161</b>
<b>PERSONS IN UNIT</b>										
1 person -----	1 496	—	7	82	344	480	450	83	50	141
2 persons -----	2 834	6	19	85	394	768	1 177	294	91	156
3 persons -----	934	—	7	10	46	149	482	181	59	176
4 persons -----	535	—	—	—	12	42	299	139	43	186
5 persons -----	274	—	—	—	11	29	144	86	4	184
6 persons -----	137	—	—	—	16	14	53	40	14	186
7 persons -----	31	—	—	—	—	—	12	13	6	213
8 or more persons -----	—	—	—	—	—	—	—	—	—	—
Median -----	2.07	2.00	2.00	1.58	1.67	1.84	2.23	2.73	2.42	...
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>										
<b>Married-couple families -----</b>	<b>3 912</b>	<b>—</b>	<b>19</b>	<b>66</b>	<b>381</b>	<b>798</b>	<b>1 821</b>	<b>650</b>	<b>177</b>	<b>169</b>
15 to 24 years -----	23	—	—	—	12	—	5	6	—	124
25 to 34 years -----	55	—	—	5	—	10	15	25	—	192
35 to 44 years -----	206	—	—	—	—	27	115	58	6	183
45 to 64 years -----	2 193	—	—	41	166	282	1 129	444	131	177
65 years and over -----	1 435	—	19	20	203	479	557	117	40	150
<b>Male householder, no wife present -----</b>	<b>549</b>	<b>6</b>	<b>—</b>	<b>61</b>	<b>165</b>	<b>159</b>	<b>110</b>	<b>41</b>	<b>7</b>	<b>132</b>
15 to 24 years -----	—	—	—	—	—	—	—	—	—	—
25 to 34 years -----	19	—	—	—	5	—	7	7	—	182
35 to 44 years -----	27	—	—	7	8	12	—	—	—	120
45 to 64 years -----	203	—	—	—	54	74	55	13	7	141
65 years and over -----	300	6	—	54	98	73	48	21	—	123
<b>Female householder, no husband present -----</b>	<b>1 780</b>	<b>—</b>	<b>14</b>	<b>50</b>	<b>277</b>	<b>525</b>	<b>686</b>	<b>145</b>	<b>83</b>	<b>152</b>
15 to 24 years -----	—	—	—	—	—	—	—	—	—	—
25 to 34 years -----	33	—	—	7	—	14	12	—	—	142
35 to 44 years -----	72	—	—	11	6	10	23	16	6	170
45 to 64 years -----	581	—	—	6	92	141	234	75	33	161
65 years and over -----	1 094	—	14	26	179	360	417	54	44	148
Median age -----	63.6	82.5	73.2	70.7	67.4	68.2	62.2	57.3	60.2	...
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>										
1979 to March 1980 -----	125	—	—	13	—	22	54	18	18	175
1975 to 1978 -----	335	—	—	6	19	99	128	62	21	167
1970 to 1974 -----	492	—	—	21	48	88	191	120	24	173
1960 to 1969 -----	1 593	—	7	21	199	304	777	226	59	167
1959 or earlier -----	3 696	6	26	116	557	969	1 467	410	145	156
<b>ROOMS</b>										
1 to 3 rooms -----	65	—	—	—	38	7	20	—	—	121
4 rooms -----	1 398	—	19	78	276	434	460	118	13	144
5 rooms -----	2 433	6	7	69	275	598	1 128	305	45	162
6 rooms -----	1 553	—	7	30	180	305	718	235	78	168
7 rooms -----	472	—	—	—	48	107	173	94	50	173
8 or more rooms -----	320	—	—	—	6	31	118	84	81	203
Median -----	5.2	5.0	4.4	4.7	4.9	5.0	5.2	5.5	6.5	...
<b>YEAR STRUCTURE BUILT</b>										
1975 to March 1980 -----	118	—	—	12	—	5	48	36	17	194
1970 to 1974 -----	167	—	—	7	7	13	61	56	23	196
1960 to 1969 -----	880	—	—	7	38	128	489	172	46	177
1950 to 1959 -----	1 876	—	—	12	184	419	887	276	98	168
1940 to 1949 -----	811	—	—	31	105	221	346	101	7	157
1939 or earlier -----	2 389	6	33	108	489	696	786	195	76	145
<b>VALUE</b>										
Less than \$10,000 -----	33	—	6	6	21	—	—	—	—	105
\$10,000 to \$19,999 -----	72	—	—	20	27	15	10	—	—	115
\$20,000 to \$29,999 -----	855	6	13	63	231	336	198	—	8	134
\$30,000 to \$39,999 -----	1 628	—	14	62	399	520	573	54	6	141
\$40,000 to \$49,999 -----	1 626	—	—	20	102	438	876	171	19	164
\$50,000 to \$59,999 -----	1 091	—	—	—	36	142	666	227	20	178
\$60,000 to \$79,999 -----	714	—	—	6	7	31	283	301	86	205
\$80,000 to \$99,999 -----	135	—	—	—	—	—	11	77	47	237
\$100,000 to \$149,999 -----	77	—	—	—	—	—	—	6	71	250+
\$150,000 or more -----	10	—	—	—	—	—	—	—	10	250+
Median -----	\$43 000	\$21 300	\$29 100	\$30 000	\$32 700	\$37 700	\$45 600	\$57 800	\$77 500	...
<b>SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>										
Less than 10 percent -----	2 725	6	13	90	315	508	1 215	422	156	168
10 to 14 percent -----	1 242	—	13	40	161	326	484	181	37	158
15 to 19 percent -----	767	—	—	15	132	239	273	89	19	150
20 to 24 percent -----	403	—	—	18	48	134	157	39	7	150
25 to 29 percent -----	291	—	—	8	52	71	127	27	6	156
30 to 34 percent -----	228	—	7	—	41	76	71	20	13	147
35 percent or more -----	585	—	—	6	74	128	290	58	29	165
Not computed -----	—	—	—	—	—	—	—	—	—	—
Median -----	11.6	10—	11.3	10—	13.0	13.6	11.0	10—	10—	...
<b>SELECTED CHARACTERISTICS</b>										
<b>Heating equipment -----</b>	<b>6 241</b>	<b>6</b>	<b>33</b>	<b>177</b>	<b>823</b>	<b>1 482</b>	<b>2 617</b>	<b>836</b>	<b>267</b>	<b>161</b>
Steam or hot water system -----	489	—	—	7	35	112	155	96	84	179
Central warm-air furnace or electric heat pump -----	5 585	6	26	159	731	1 333	2 415	732	183	161
Other built-in electric units -----	11	—	—	—	—	6	5	—	—	148
Floor, wall, or pipeless furnace -----	40	—	7	—	18	—	15	—	—	118
Other means -----	116	—	—	11	39	31	27	8	—	131
<b>Air conditioning -----</b>	<b>3 998</b>	<b>—</b>	<b>—</b>	<b>90</b>	<b>480</b>	<b>916</b>	<b>1 718</b>	<b>626</b>	<b>168</b>	<b>165</b>
Central system -----	1 648	—	—	20	112	269	760	373	114	178
1 or more individual room units -----	2 350	—	—	70	368	647	958	253	54	155
<b>House heating fuel -----</b>	<b>6 241</b>	<b>6</b>	<b>33</b>	<b>177</b>	<b>823</b>	<b>1 482</b>	<b>2 617</b>	<b>836</b>	<b>267</b>	<b>161</b>
Utility gas -----	5 327	6	33	172	727	1 313	2 190	686	200	159
Bottled, tank, or LP gas -----	34	—	—	5	6	11	6	6	—	139
Electricity -----	24	—	—	—	6	6	12	—	—	150
Fuel oil, kerosene, etc. -----	856	—	—	—	84	152	409	144	67	173
Other -----	—	—	—	—	—	—	—	—	—	—



**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]

Kenosha 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
<b>Occupied housing units</b> .....	<b>18 174</b>	<b>1 009</b>	<b>1 368</b>	<b>3 284</b>	<b>5 905</b>	<b>6 608</b>	<b>9 790</b>	<b>1 444</b>	<b>1 101</b>	<b>1 457</b>	<b>1 867</b>	<b>3 921</b>
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>												
<b>Married-couple families</b> .....	<b>12 978</b>	<b>862</b>	<b>1 035</b>	<b>2 678</b>	<b>4 276</b>	<b>4 127</b>	<b>2 982</b>	<b>326</b>	<b>287</b>	<b>451</b>	<b>667</b>	<b>1 251</b>
15 to 24 years .....	320	17	59	40	76	128	825	119	70	111	195	330
25 to 34 years .....	2 957	337	293	419	899	1 009	993	74	96	140	265	418
35 to 44 years .....	2 680	294	357	745	611	673	310	20	32	56	63	139
45 to 64 years .....	5 117	182	298	1 266	1 921	1 450	567	60	39	99	91	278
65 years and over .....	1 904	32	28	208	769	867	287	53	50	45	53	86
<b>Male householder, no wife present</b> .....	<b>1 619</b>	<b>59</b>	<b>99</b>	<b>204</b>	<b>532</b>	<b>725</b>	<b>2 654</b>	<b>379</b>	<b>314</b>	<b>340</b>	<b>482</b>	<b>1 139</b>
15 to 24 years .....	91	14	13	7	20	37	790	123	117	113	172	265
25 to 34 years .....	348	17	24	66	89	152	927	142	106	101	156	422
35 to 44 years .....	243	15	34	34	86	74	303	56	36	31	55	125
45 to 64 years .....	510	13	28	58	190	221	421	23	55	36	71	236
65 years and over .....	427	—	—	39	147	241	213	35	—	59	28	91
<b>Female householder, no husband present</b> .....	<b>3 577</b>	<b>88</b>	<b>234</b>	<b>402</b>	<b>1 097</b>	<b>1 756</b>	<b>4 154</b>	<b>739</b>	<b>500</b>	<b>666</b>	<b>718</b>	<b>1 531</b>
15 to 24 years .....	35	3	—	7	6	19	947	122	127	142	314	242
25 to 34 years .....	471	20	69	45	145	192	932	101	90	106	222	413
35 to 44 years .....	456	6	64	92	122	172	331	37	56	23	44	171
45 to 64 years .....	1 095	47	94	137	372	445	795	135	108	164	75	313
65 years and over .....	1 520	12	7	121	452	928	1 149	344	119	231	63	392
<b>Median age</b> .....	<b>50.2</b>	<b>37.2</b>	<b>40.7</b>	<b>47.2</b>	<b>54.6</b>	<b>53.5</b>	<b>32.4</b>	<b>37.4</b>	<b>31.8</b>	<b>36.1</b>	<b>27.9</b>	<b>33.5</b>
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>												
1979 to March 1980 .....	1 821	284	149	291	481	616	4 733	869	580	660	1 005	1 619
1975 to 1978 .....	4 258	725	441	592	1 116	1 384	3 215	575	381	386	590	1 283
1970 to 1974 .....	2 860	—	778	534	683	865	886	—	140	236	123	387
1960 to 1969 .....	4 153	—	—	1 867	1 253	1 033	585	—	—	175	77	333
1959 or earlier .....	5 082	—	—	—	2 372	2 710	371	—	—	—	72	299
<b>ROOMS</b>												
1 room .....	11	—	—	—	8	3	159	11	28	22	19	79
2 rooms .....	43	9	14	7	—	13	612	143	76	99	79	215
3 rooms .....	276	22	4	12	113	125	2 590	585	342	417	383	863
4 rooms .....	2 766	69	96	179	1 506	916	3 124	504	428	509	594	1 089
5 rooms .....	7 001	220	664	1 807	2 408	1 902	2 301	154	160	325	581	1 081
6 rooms .....	4 623	329	377	810	1 250	1 857	718	43	44	57	130	444
7 or more rooms .....	3 454	360	213	469	620	1 792	286	4	23	28	81	150
<b>Median</b> .....	<b>5.4</b>	<b>6.1</b>	<b>5.4</b>	<b>5.3</b>	<b>5.1</b>	<b>5.7</b>	<b>4.0</b>	<b>3.5</b>	<b>3.7</b>	<b>3.9</b>	<b>4.3</b>	<b>4.2</b>
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
<b>Complete plumbing for exclusive use</b> .....	<b>18 118</b>	<b>1 009</b>	<b>1 368</b>	<b>3 284</b>	<b>5 901</b>	<b>6 556</b>	<b>9 442</b>	<b>1 390</b>	<b>1 101</b>	<b>1 419</b>	<b>1 806</b>	<b>3 726</b>
0.50 or less .....	10 077	474	485	1 381	3 481	4 256	6 156	1 018	785	942	1 001	2 410
0.51 to 1.00 .....	7 547	529	746	1 770	2 305	2 197	3 013	350	309	457	733	1 164
1.01 to 1.50 .....	444	6	137	116	106	79	232	17	7	20	65	123
1.51 or more .....	50	—	—	17	9	24	41	5	—	—	7	29
<b>Lacking complete plumbing for exclusive use</b> .....	<b>56</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>4</b>	<b>52</b>	<b>348</b>	<b>54</b>	<b>—</b>	<b>38</b>	<b>61</b>	<b>195</b>
0.50 or less .....	41	—	—	—	—	41	216	43	—	15	27	131
0.51 to 1.00 .....	15	—	—	—	4	11	127	11	—	23	34	59
1.01 to 1.50 .....	—	—	—	—	—	—	5	—	—	—	—	5
1.51 or more .....	—	—	—	—	—	—	—	—	—	—	—	—
<b>PERSONS IN UNIT</b>												
1 person .....	2 748	66	128	250	952	1 352	4 232	776	550	695	587	1 624
2 persons .....	5 620	234	206	795	2 139	2 246	2 794	457	348	334	584	1 071
3 persons .....	3 392	233	249	714	1 182	1 014	1 336	128	107	139	347	615
4 persons .....	3 333	266	329	756	1 009	973	845	68	58	181	196	342
5 persons .....	1 856	141	219	497	385	614	363	15	33	92	68	155
6 or more persons .....	1 225	69	237	272	238	409	220	—	5	16	85	114
<b>Median</b> .....	<b>2.71</b>	<b>3.38</b>	<b>3.81</b>	<b>3.34</b>	<b>2.44</b>	<b>2.37</b>	<b>1.74</b>	<b>1.43</b>	<b>1.50</b>	<b>1.60</b>	<b>2.09</b>	<b>1.81</b>
<b>Total persons</b> .....	<b>55 255</b>	<b>3 390</b>	<b>5 300</b>	<b>11 233</b>	<b>16 474</b>	<b>18 858</b>	<b>20 040</b>	<b>2 394</b>	<b>1 992</b>	<b>2 965</b>	<b>4 528</b>	<b>8 161</b>
<b>UNITS IN STRUCTURE</b>												
1, detached or attached .....	16 266	894	1 194	3 183	5 610	5 385	1 364	54	74	81	483	672
2 .....	1 497	31	36	47	262	1 121	3 321	80	75	202	891	2 073
3 and 4 .....	96	—	8	—	11	77	1 478	100	76	273	348	681
5 to 9 .....	59	18	12	7	—	22	1 135	352	283	158	68	274
10 to 49 .....	72	8	49	—	12	3	2 100	550	548	722	75	205
50 or more .....	4	—	4	—	—	—	384	308	37	21	2	16
<b>Mobile home or trailer, etc.</b> .....	<b>180</b>	<b>58</b>	<b>65</b>	<b>47</b>	<b>10</b>	<b>—</b>	<b>8</b>	<b>—</b>	<b>8</b>	<b>—</b>	<b>—</b>	<b>—</b>
<b>SELECTED CHARACTERISTICS</b>												
<b>Heating equipment</b> .....	<b>18 174</b>	<b>1 009</b>	<b>1 368</b>	<b>3 284</b>	<b>5 905</b>	<b>6 608</b>	<b>9 784</b>	<b>1 444</b>	<b>1 095</b>	<b>1 457</b>	<b>1 867</b>	<b>3 921</b>
Steam or hot water system .....	1 601	30	82	115	306	1 068	2 842	509	455	518	292	1 068
Central warm-air furnace or electric heat pump .....	16 053	936	1 272	3 064	5 486	5 295	5 179	344	376	777	1 251	2 431
Other built-in electric units .....	36	5	—	19	—	12	869	522	204	89	28	26
Floor, wall, or pipeless furnace .....	70	—	—	15	24	31	152	30	12	31	53	26
Other means .....	414	38	14	71	89	202	742	39	48	42	243	370
<b>Air conditioning</b> .....	<b>11 090</b>	<b>610</b>	<b>781</b>	<b>2 252</b>	<b>3 940</b>	<b>3 507</b>	<b>4 441</b>	<b>1 111</b>	<b>822</b>	<b>819</b>	<b>556</b>	<b>1 133</b>
Central system .....	4 403	428	416	1 210	1 686	663	521	138	90	106	88	99
1 or more individual room units .....	6 687	182	365	1 042	2 254	2 844	3 920	973	732	713	468	1 034
<b>House heating fuel</b> .....	<b>18 174</b>	<b>1 009</b>	<b>1 368</b>	<b>3 284</b>	<b>5 905</b>	<b>6 608</b>	<b>9 784</b>	<b>1 444</b>	<b>1 095</b>	<b>1 457</b>	<b>1 867</b>	<b>3 921</b>
Utility gas .....	15 947	996	1 362	3 117	4 965	5 507	7 734	783	755	1 271	1 551	3 374
Bottled, tank, or LP gas .....	78	4	6	21	20	27	60	—	14	5	31	10
Electricity .....	81	9	—	49	6	17	1 246	641	307	171	81	46
Fuel oil, kerosene, etc. .....	2 062	—	—	91	914	1 057	706	7	13	10	197	479
Other .....	6	—	—	6	—	—	38	13	6	—	7	12
<b>Income in 1979 below poverty level</b> .....	<b>731</b>	<b>13</b>	<b>54</b>	<b>117</b>	<b>220</b>	<b>327</b>	<b>1 433</b>	<b>170</b>	<b>143</b>	<b>154</b>	<b>325</b>	<b>641</b>
Percent below poverty level .....	4.0	1.3	3.9	3.6	3.7	4.9	14.6	11.8	13.0	10.6	17.4	16.3
<b>HOUSEHOLD INCOME IN 1979</b>												
Less than \$5,000 .....	1 111	7	41	123	322	618	1 735	302	198	241	270	724
\$5,000 to \$9,999 .....	1 884	33	69	186	659	937	2 117	341	198	272	468	838
\$10,000 to \$12,499 .....	994	14	40	120	408	412	980	80	111	166	158	465
\$12,500 to \$14,999 .....	881	25	52	124	283	397	1 004	157	126	182	190	349
\$15,000 to \$19,999 .....	2 496	115	224	357	896	904	1 704	237	206	202	355	704
\$20,000 to \$24,999 .....	2 978	172	214	505	1 009	1 078	1 124	181	134	213	184	412
\$25,000 to \$34,999 .....	4 492	389	429	909	1 420	1 345	837	103	121	149	171	293
\$35,000 to \$49,999 .....	2 626											

**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]

Kenosha 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	18 174	16 266	1 728	180	9 790	1 364	3 321	1 478	1 135	2 100	384	8
Condominium housing units	100	42	58	—	60	—	6	7	6	31	10	—
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>												
Married-couple families	12 978	12 021	876	81	2 982	685	1 210	302	254	505	26	—
15 to 24 years	320	254	56	10	825	95	401	103	108	118	—	—
25 to 34 years	2 957	2 752	196	9	993	216	452	124	58	130	13	—
35 to 44 years	2 680	2 546	129	5	310	88	125	50	30	17	—	—
45 to 64 years	5 117	4 732	341	44	567	222	174	14	17	135	5	—
65 years and over	1 904	1 737	154	13	287	64	58	11	41	105	8	—
Male householder, no wife present	1 619	1 220	365	34	2 654	251	793	561	396	600	45	8
15 to 24 years	91	66	25	—	790	74	243	189	99	178	7	—
25 to 34 years	348	248	93	7	927	78	310	183	150	206	—	—
35 to 44 years	243	184	39	20	303	29	84	46	56	74	6	8
45 to 64 years	510	359	144	7	421	31	113	103	91	76	7	—
65 years and over	427	363	64	—	213	39	43	40	—	66	25	—
Female householder, no husband present	3 577	3 025	487	65	4 154	428	1 318	615	485	995	313	—
15 to 24 years	35	32	3	—	947	60	339	235	149	153	11	—
25 to 34 years	471	381	73	17	932	151	432	99	110	140	—	—
35 to 44 years	456	411	38	7	331	39	148	39	45	60	—	—
45 to 64 years	1 095	943	128	24	795	107	195	134	73	237	49	—
65 years and over	1 520	1 258	245	17	1 149	71	204	108	108	405	253	—
Median age	50.2	50.1	52.7	48.3	32.4	35.4	29.4	29.1	29.2	43.2	71.7	42.5
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>												
1979 to March 1980	1 821	1 519	254	48	4 733	433	1 686	820	636	984	166	8
1975 to 1978	4 258	3 758	418	82	3 215	484	1 018	439	392	689	193	—
1970 to 1974	2 860	2 525	299	36	886	165	272	103	75	257	14	—
1960 to 1969	4 153	3 970	169	14	585	114	227	59	28	146	11	—
1959 or earlier	5 082	4 494	588	—	371	168	118	57	4	24	—	—
<b>ROOMS</b>												
1 room	11	8	3	—	159	5	5	49	32	62	6	—
2 rooms	43	—	27	16	612	16	66	154	95	194	87	—
3 rooms	276	143	122	11	2 590	116	531	458	381	860	244	—
4 rooms	2 766	2 233	459	74	3 124	294	1 093	523	431	744	31	8
5 rooms	7 001	6 271	685	45	2 301	417	1 268	239	179	189	9	—
6 rooms	4 623	4 357	232	34	718	335	291	17	17	51	7	—
7 or more rooms	3 454	3 254	200	—	286	181	67	38	—	—	—	—
Median	5.4	5.4	4.9	4.4	4.0	5.1	4.5	3.6	3.6	3.4	2.9	4.0
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
Complete plumbing for exclusive use	18 118	16 266	1 672	180	9 442	1 342	3 240	1 364	1 080	2 035	373	8
0.50 or less	10 077	8 880	1 086	111	6 156	729	1 921	818	768	1 576	336	8
0.51 to 1.00	7 547	6 949	529	69	3 013	535	1 224	475	300	442	37	—
1.01 to 1.50	444	399	45	—	232	66	78	59	12	17	—	—
1.51 or more	50	38	12	—	41	12	17	12	—	—	—	—
Lacking complete plumbing for exclusive use	56	—	56	—	348	22	81	114	55	65	11	—
0.50 or less	41	—	41	—	216	12	39	89	23	42	11	—
0.51 to 1.00	15	—	15	—	127	10	42	20	32	23	—	—
1.01 to 1.50	—	—	—	—	5	—	—	5	—	—	—	—
1.51 or more	—	—	—	—	—	—	—	—	—	—	—	—
<b>BEDROOMS</b>												
None	19	16	3	—	255	5	27	83	42	82	16	—
1	580	290	262	28	3 678	183	854	684	508	1 111	338	—
2	5 275	4 225	958	92	4 220	494	1 791	584	534	786	23	8
3	9 380	8 935	385	60	1 439	522	625	113	51	121	7	—
4	2 491	2 402	89	—	157	124	24	9	—	—	—	—
5 or more	429	398	31	—	41	36	—	5	—	—	—	—
<b>HOUSEHOLD INCOME IN 1979</b>												
Less than \$5,000	1 111	875	209	27	1 735	140	504	360	181	364	186	—
\$5,000 to \$9,999	1 884	1 625	241	18	2 117	270	772	327	174	437	137	—
\$10,000 to \$12,499	994	882	103	9	980	116	385	120	107	235	17	—
\$12,500 to \$14,999	881	751	117	13	1 004	133	325	142	181	212	11	—
\$15,000 to \$19,999	2 496	2 230	217	49	1 704	264	613	247	241	318	21	—
\$20,000 to \$24,999	2 978	2 687	256	35	1 124	168	394	156	107	291	—	8
\$25,000 to \$34,999	4 492	4 049	414	29	837	192	234	96	120	183	12	—
\$35,000 to \$49,999	2 626	2 504	122	—	202	55	69	12	24	42	—	—
\$50,000 or more	712	663	49	—	87	26	25	18	—	18	—	—
Median	\$22 869	\$23 283	\$19 504	\$16 983	\$12 657	\$15 402	\$12 497	\$11 083	\$13 957	\$12 665	\$5 156	\$23 750
Mean	\$24 106	\$24 603	\$20 235	\$16 369	\$14 195	\$17 404	\$13 735	\$12 785	\$14 495	\$14 975	\$6 839	\$24 010
<b>SELECTED CHARACTERISTICS</b>												
Heating equipment	18 174	16 266	1 728	180	9 784	1 364	3 321	1 478	1 129	2 100	384	8
Steam or hot water system	1 601	1 221	376	4	2 842	146	530	402	459	1 095	210	—
Control worm-air furnace or electric heat pump	16 053	14 646	1 251	156	5 179	1 069	2 323	804	376	522	77	8
Other built-in electric units	36	34	2	—	869	5	9	112	220	437	86	—
Floor, wall, or pipeless furnace	70	66	4	—	152	29	68	13	32	10	—	—
Other means	414	299	95	20	742	115	391	147	42	36	11	—
Air conditioning	11 090	10 119	848	123	4 441	570	936	361	755	1 582	229	8
Central system	4 403	4 237	138	28	521	115	95	58	40	194	19	—
Vehicles available	17 042	15 385	1 483	174	7 862	1 187	2 717	1 136	906	1 751	157	8
1	6 392	5 588	699	105	5 347	641	1 792	808	662	1 312	124	8
2 or more	10 650	9 797	784	69	2 515	546	925	328	244	439	33	—
House heating fuel	18 174	16 266	1 728	180	9 784	1 364	3 321	1 478	1 129	2 100	384	8
Utility gas	15 947	14 267	1 520	160	7 734	1 116	2 987	1 143	755	1 475	258	—
Bottled, tank, or LP gas	78	43	22	13	60	19	10	23	—	—	—	8
Electricity	81	74	7	—	1 246	20	37	175	313	575	126	—
Fuel oil, kerosene, etc.	2 062	1 876	179	7	706	202	287	137	44	36	—	—
Other	6	6	—	—	38	7	—	—	17	14	—	—
Water heating fuel	18 174	16 266	1 728	180	9 770	1 350	3 315	1 478	1 135	2 100	384	8
Utility gas	16 592	14 874	1 591	127	8 023	1 223	3 141	1 196	776	1 434	253	—
Bottled, tank, or LP gas	112	55	44	13	125	21	11	43	5	39	6	—
Electricity	1 401	1 278	83	40	1 513	106	150	193	319	612	125	8
Fuel oil, kerosene, etc.	63	53	10	—	90	—	13	38	24	15	—	—
Other	6	6	—	—	19	—	—	8	11	—	—	—
Family householder	15 136	13 900	1 120	116	4 839	995	2 101	596	402	704	33	8
With own children under 18 years	7 853	7 262	528	63	2 854	610	1 384	410	207	226	9	8
With own children under 6 years	2 963	2 700	240	23	1 814	341	943	257	154	117	2	—
Female householder, no husband present	1 674	1 468	171	35	1 499	244	751	221	127	156	—	—
With own children under 18 years	902	774	102	26	1 205	207	645	184	88	81	—	—
With own children under 6 years	198	159	27	12	672	90	377	95	66	44	—	—
Nonfamily householder	3 038	2 366	608	64	4 951	369	1 220	882	733	1 396	351	—
Income in 1979 below poverty level	731	586	139	6	1 433							



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]

Kenosha city											
	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 or more persons	Median	Total persons
<b>Owner-occupied housing units</b> .....	18 174	2 748	5 620	3 392	3 333	1 856	808	280	137	2.71	55 255
Nonrelatives present .....	552	-	230	96	98	49	58	10	11	2.98	1 957
<b>ROOMS</b>											
1 to 3 rooms .....	330	187	88	43	-	9	3	-	-	1.38	621
4 rooms .....	2 766	904	1 254	433	116	59	-	-	-	1.88	5 793
5 rooms .....	7 001	991	2 368	1 493	1 349	550	166	59	25	2.59	20 390
6 rooms .....	4 623	436	1 198	865	1 023	678	265	95	63	3.28	15 652
7 rooms .....	2 084	116	455	335	486	372	236	75	9	3.78	7 649
8 or more rooms .....	1 370	114	257	223	359	188	138	51	40	3.75	5 150
Median .....	5.4	4.8	5.1	5.3	5.7	6.0	6.4	6.4	6.2	...	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>											
<b>Complete plumbing for exclusive use</b> .....	18 118	2 729	5 598	3 392	3 318	1 856	808	280	137	2.72	55 102
1.00 or less .....	17 624	2 729	5 598	3 392	3 318	1 788	639	126	34	2.64	51 736
1.01 to 1.50 .....	444	-	-	-	-	59	166	154	65	6.48	2 896
1.51 or more .....	50	-	-	-	-	9	3	-	38	8.50	470
<b>Lacking complete plumbing for exclusive use</b> .....	56	19	22	-	15	-	-	-	-	1.91	153
1.00 or less .....	56	19	22	-	15	-	-	-	-	1.91	153
1.01 to 1.50 .....	-	-	-	-	-	-	-	-	-	-	-
1.51 or more .....	-	-	-	-	-	-	-	-	-	-	-
<b>UNITS IN STRUCTURE</b>											
1, detached or attached .....	16 266	2 159	5 050	3 076	3 082	1 740	768	273	118	2.80	49 420
2 or more .....	1 728	525	529	270	228	110	40	7	19	2.14	5 346
Mobile home or trailer, etc. ....	180	64	41	46	23	6	-	-	-	2.13	489
<b>VALUE</b>											
<b>Specified owner-occupied housing units</b> .....	15 563	2 033	4 812	2 947	2 976	1 679	740	265	111	2.82	47 049
Less than \$10,000 .....	38	18	6	-	-	-	14	-	-	1.67	106
\$10,000 to \$19,999 .....	171	50	76	-	7	19	19	-	-	1.97	439
\$20,000 to \$29,999 .....	1 536	392	576	242	139	108	57	12	10	2.15	3 745
\$30,000 to \$39,999 .....	3 560	684	1 160	644	524	310	164	56	18	2.44	9 787
\$40,000 to \$49,999 .....	4 364	454	1 420	790	875	460	201	101	63	2.89	13 864
\$50,000 to \$59,999 .....	2 971	268	807	701	702	322	129	28	14	3.09	9 200
\$60,000 to \$79,999 .....	2 214	140	563	421	553	358	114	62	3	3.46	7 464
\$80,000 to \$99,999 .....	505	6	166	103	130	66	31	-	3	3.28	1 667
\$100,000 to \$149,999 .....	189	21	38	46	35	32	11	6	-	3.27	694
\$150,000 or more .....	15	-	-	-	11	4	-	-	-	4.18	83
Median .....	\$45 400	\$38 100	\$43 800	\$46 900	\$49 300	\$48 900	\$46 100	\$46 700	\$44 900	...	...
<b>SELECTED CHARACTERISTICS</b>											
<b>All income levels in 1979</b> .....	18 174	2 748	5 620	3 392	3 333	1 856	808	280	137	2.71	55 255
Median income .....	\$22 869	\$8 774	\$20 020	\$26 448	\$26 998	\$27 840	\$28 559	\$31 102	\$29 856	...	...
Median selected monthly owner costs as percentage of household income .....	15.7	24.7	14.8	13.6	16.1	14.5	13.8	14.4	13.9	...	...
With a mortgage .....	18.0	24.9	18.7	17.4	18.0	16.4	15.3	15.9	13.9	...	...
Not mortgaged .....	11.6	24.5	11.9	10-	10-	10-	10-	10-	10-	...	...
<b>Income in 1979 below poverty level</b> .....	731	236	163	51	99	129	41	9	3	2.29	...
Median income .....	\$3 622	\$2500-	\$3 783	\$2 880	\$4 006	\$5 689	\$6 477	\$9 375	\$13 750	...	...
Median selected monthly owner costs as percentage of household income .....	50+	50+	50+	50+	50+	50+	50+	45.0	-	...	...
With a mortgage .....	50+	50+	50+	50+	50+	50+	50+	45.0	-	...	...
Not mortgaged .....	50+	50+	41.3	14.6	37.5	17.5	-	-	-	...	...
<b>Renter-occupied housing units</b> .....	9 790	4 232	2 794	1 336	845	363	95	89	36	1.74	20 040
Nonrelatives present .....	1 046	-	607	265	89	69	10	6	-	2.36	2 727
<b>ROOMS</b>											
1 room .....	159	149	5	5	-	-	-	-	-	1.03	164
2 rooms .....	612	486	119	-	7	-	-	-	-	1.13	757
3 rooms .....	2 590	1 918	590	36	29	11	-	6	-	1.18	3 385
4 rooms .....	3 124	1 159	1 109	547	217	79	6	-	7	1.86	6 168
5 rooms .....	2 301	412	722	559	366	161	34	47	-	2.53	6 080
6 rooms .....	718	99	183	126	172	76	27	13	22	3.11	2 379
7 or more rooms .....	286	9	66	63	54	36	28	23	7	3.59	1 107
Median .....	4.0	3.3	4.1	4.6	5.0	5.1	5.8	5.3	6.0	...	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>											
<b>Complete plumbing for exclusive use</b> .....	9 442	4 010	2 709	1 300	840	363	95	89	36	1.76	19 514
1.00 or less .....	9 169	4 010	2 704	1 295	809	273	55	23	-	1.71	18 126
1.01 to 1.50 .....	232	-	-	-	24	79	40	60	29	5.82	1 194
1.51 or more .....	41	-	5	5	7	11	-	6	7	4.82	194
<b>Lacking complete plumbing for exclusive use</b> .....	348	222	85	36	5	-	-	-	-	1.28	526
1.00 or less .....	343	222	85	36	-	-	-	-	-	1.27	475
1.01 to 1.50 .....	5	-	-	-	5	-	-	-	-	4.00	51
1.51 or more .....	-	-	-	-	-	-	-	-	-	-	-
<b>UNITS IN STRUCTURE</b>											
1, detached or attached .....	1 364	299	403	282	161	108	37	38	36	2.45	3 907
2 .....	3 321	995	1 040	638	427	140	43	38	-	2.14	7 735
3 and 4 .....	1 478	714	362	184	114	76	15	13	-	1.57	2 908
5 to 9 .....	1 135	617	336	90	80	12	-	-	-	1.42	1 850
10 to 49 .....	2 100	1 274	596	140	63	27	-	-	-	1.32	3 182
50 or more .....	384	333	49	2	-	-	-	-	-	1.08	446
Mobile home or trailer, etc. ....	8	-	8	-	-	-	-	-	-	2.00	12
<b>GROSS RENT</b>											
<b>Specified renter-occupied housing units</b> .....	9 723	4 215	2 773	1 316	836	363	95	89	36	1.73	19 869
Less than \$100 .....	535	479	45	11	-	-	-	-	-	1.06	604
\$100 to \$149 .....	832	694	112	6	14	6	-	-	-	1.10	1 030
\$150 to \$199 .....	1 786	955	556	150	78	41	-	6	-	1.44	2 981
\$200 to \$249 .....	2 535	1 108	774	276	259	97	11	10	-	1.71	4 927
\$250 to \$299 .....	2 094	575	726	435	203	75	39	27	14	2.15	4 840
\$300 to \$349 .....	1 052	223	309	248	156	60	19	22	15	2.48	2 744
\$350 to \$399 .....	397	71	93	96	63	57	6	11	-	2.86	1 261
\$400 to \$499 .....	192	23	53	39	40	18	4	8	7	3.01	646
\$500 or more .....	22	-	5	4	-	3	5	5	-	5.17	139
No cash rent .....	278	87	100	51	23	6	11	-	-	2.02	697
Median .....	\$231	\$196	\$241	\$268	\$263	\$278	\$291	\$303	\$313	...	...
<b>SELECTED CHARACTERISTICS</b>											
<b>All income levels in 1979</b> .....	9 790	4 232	2 794	1 336	845	363	95	89	36	1.74	20 040
Median income .....	\$12 657	\$9 275	\$15 504	\$15 916	\$16 272	\$17 578	\$13 125	\$14 417	\$18 929	...	...
Median gross rent as percentage of household income .....	22.2	23.6	19.0	21.5	21.8	21.0	31.3	29.7	18.6	...	...
<b>Income in 1979 below poverty level</b> .....	1 433	518	343	222	171	96	41	28	14	2.08	...
Median income .....	\$3 434	\$2 654	\$3 266	\$3 155	\$5 886	\$6 190	\$7 697	\$4 318	\$5 000	...	...
Median gross rent as percentage of household income .....	50+	50+	50+	50+	50+	50+	42.5	50+	50+	...	...

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 appendixes A and B.]

Total	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	
18 174	320	2 957	2 680	5 117	1 904	91	348	243	510	427	35	471	456	1 095	1 520	50.2
2 748	162	560	199	1 937	—	28	215	140	302	285	7	118	60	468	1 125	65.6
5 620	79	321	321	1 319	1 625	26	83	12	115	101	7	127	78	312	276	60.3
3 392	53	1 094	904	888	202	21	22	77	54	19	8	117	109	227	92	48.1
3 333	26	425	576	397	65	6	23	14	26	13	6	115	60	39	27	38.7
1 856	2 49	3 68	4 41	2 97	12	3	5	—	13	9	—	23	70	26	—	40.8
1 225	951	10 786	12 268	16 832	4 380	217	1 31	1 37	1 34	1 25	2 94	2 43	3 33	1 75	1 18	42.5
2 71	—	—	—	—	—	231	602	459	869	670	103	1 232	1 521	2 229	2 122	...
55 255	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	...
18 118	313	2 944	2 680	5 117	1 896	91	344	238	510	427	35	471	456	1 095	1 501	50.2
494	7	93	201	159	8	—	4	5	—	—	—	11	17	13	19	42.2
56	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	39.0
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15 563	250	2 654	2 455	4 484	1 670	52	237	179	350	332	32	369	411	902	1 186	49.7
9 322	227	2 599	2 249	2 291	235	52	218	152	147	32	32	336	339	321	92	39.1
3 423	3	585	1 021	461	56	13	7	34	62	18	5	23	59	70	6	44.7
2 074	61	633	603	446	22	19	39	48	51	8	—	44	38	70	12	38.9
1 585	60	728	330	149	25	19	45	25	—	—	6	74	62	37	25	33.4
890	52	365	105	78	23	32	65	32	—	—	7	57	55	51	15	32.7
473	22	160	72	48	26	7	31	13	8	—	—	45	26	—	15	33.8
859	29	128	111	109	83	13	31	—	22	6	14	94	92	93	34	39.1
18	—	—	—	—	—	—	—	—	4	—	—	—	7	—	—	38.2
18.0	24.1	20.6	15.8	13.0	13.0	23.4	26.4	19.4	15.9	14.4	28.6	27.5	25.6	22.8	31.0	63.6
6 241	23	55	206	2 193	1 435	—	19	27	203	300	—	33	72	581	1 094	57.9
2 725	12	35	158	1 629	353	—	5	20	100	63	—	13	12	178	147	57.9
1 242	7	42	366	417	417	—	7	7	53	67	—	15	39	128	109	64.4
767	11	6	6	93	314	—	—	—	15	71	—	15	—	110	126	69.3
403	—	—	—	32	132	—	7	—	20	43	—	—	—	45	124	71.6
291	—	7	—	9	116	—	—	—	—	25	—	—	6	32	96	71.3
228	—	—	—	11	51	—	—	—	8	7	—	—	—	30	121	73.9
585	—	—	—	53	52	—	—	—	7	24	—	5	15	58	371	74.1
11.6	10—	10—	10—	14.4	14.4	—	13.2	10—	10.1	16.4	—	16.2	13.1	14.4	27.1	...
9 790	825	993	310	567	287	790	927	303	421	213	947	932	331	795	1 149	32.4
4 232	408	337	48	281	—	455	737	217	304	155	392	281	67	571	1 053	43.7
2 794	223	266	57	143	271	235	115	40	68	43	342	336	65	118	87	28.8
1 336	171	203	80	93	16	100	28	29	22	15	129	131	92	76	9	28.9
845	14	137	79	26	—	—	18	10	27	—	47	126	48	22	—	29.3
363	14	137	79	26	—	—	16	7	—	—	30	28	23	3	—	33.1
220	2 52	3 10	4 13	2 52	2 03	1 37	1 13	1 20	1 19	1 19	1 74	2 05	36	1 20	1 05	35.1
20 040	2 206	3 227	1 317	1 546	558	1 155	1 249	474	591	319	1 740	2 319	974	1 150	1 215	...
9 442	802	967	302	557	282	748	907	282	385	197	879	915	331	777	1 111	32.5
273	42	73	34	12	—	42	23	—	—	16	23	30	33	3	—	30.6
348	23	26	8	10	5	—	20	21	36	—	68	17	—	18	38	29.5
5	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	22.5
9 723	825	968	310	561	287	790	927	298	421	213	947	928	331	776	1 141	32.4
2 235	245	419	119	242	66	173	275	142	222	9	63	100	40	68	96	32.2
1 786	186	210	75	97	66	175	243	93	49	23	117	162	67	93	130	29.7
1 461	155	80	29	74	33	120	108	28	44	41	186	159	39	140	225	32.0
939	70	79	29	27	41	87	79	7	19	43	63	101	37	103	154	34.4
553	57	38	18	24	50	23	46	—	3	22	51	39	51	38	111	38.6
1 030	32	80	18	10	32	91	83	—	28	22	146	153	39	142	196	33.6
1 305	75	80	21	25	7	78	87	11	42	19	302	203	58	126	171	29.8
414	5	24	19	62	36	43	17	14.9	14.4	34	19	11	66	27.6	58	54.2
22.2	19.4	16.3	16.8	15.4	25.5	21.1	18.8	14.9	14.4	26.9	33.4	26.9	27.6	27.9	27.9	...

**Kenosha city**

**Owner-occupied housing units** -----

**PERSONS IN UNIT**

1 person -----

2 persons -----

3 persons -----

4 persons -----

5 persons -----

6 or more persons -----

Median -----

Total persons -----

**PLUMBING FACILITIES BY PERSONS PER ROOM**

Complete plumbing for exclusive use -----

1.01 or more persons per room -----

Lacking complete plumbing for exclusive use -----

1.01 or more persons per room -----

**MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979**

**With a mortgage** -----

Less than 15 percent -----

15 to 19 percent -----

20 to 24 percent -----

25 to 29 percent -----

30 to 34 percent -----

35 percent or more -----

Not computed -----

Median -----

**Not mortgaged** -----

Less than 10 percent -----

10 to 14 percent -----

15 to 19 percent -----

20 to 24 percent -----

25 to 29 percent -----

30 to 34 percent -----

35 percent or more -----

Not computed -----

Median -----

**Renter-occupied housing units** -----

**PERSONS IN UNIT**

1 person -----

2 persons -----

3 persons -----

4 persons -----

5 persons -----

6 or more persons -----

Median -----

Total persons -----

**PLUMBING FACILITIES BY PERSONS PER ROOM**

Complete plumbing for exclusive use -----

1.01 or more persons per room -----

Lacking complete plumbing for exclusive use -----

1.01 or more persons per room -----

**GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979**

**Specified renter-occupied housing units** -----

Less than 15 percent -----

15 to 19 percent -----

20 to 24 percent -----

25 to 29 percent -----

30 to 34 percent -----

35 to 49 percent -----

50 percent or more -----

Not computed -----

Median -----



**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]

Kenosha city	Total	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
<b>Owner-occupied housing units</b> .....	<b>2 748</b>	<b>970</b>	<b>28</b>	<b>215</b>	<b>140</b>	<b>302</b>	<b>285</b>	<b>1 778</b>	<b>7</b>	<b>118</b>	<b>60</b>	<b>468</b>	<b>1 125</b>
<b>PLUMBING FACILITIES</b>													
Complete plumbing for exclusive use .....	2 729	965	28	215	135	302	285	1 764	7	118	60	468	1 111
Lacking complete plumbing for exclusive use .....	19	5	-	-	5	-	-	14	-	-	-	-	14
<b>UNITS IN STRUCTURE</b>													
1, detached or attached .....	2 159	699	19	162	91	185	242	1 460	7	97	43	385	928
2 or more .....	525	237	9	46	29	110	43	288	-	21	10	77	180
Mobile home or trailer, etc. ....	64	34	-	7	20	7	-	30	-	-	7	6	17
<b>HOUSEHOLD INCOME IN 1979</b>													
Less than \$5,000 .....	755	128	11	-	12	55	50	627	7	5	10	76	529
\$5,000 to \$9,999 .....	772	182	-	-	-	36	146	590	-	-	8	153	429
\$10,000 to \$12,499 .....	259	103	-	21	7	28	47	156	-	6	6	66	78
\$12,500 to \$14,999 .....	190	38	-	14	7	10	7	152	-	46	-	63	43
\$15,000 to \$19,999 .....	370	245	17	100	34	88	6	125	-	48	11	48	18
\$20,000 to \$24,999 .....	225	121	-	62	32	27	-	104	-	6	20	50	28
\$25,000 to \$34,999 .....	146	127	-	18	48	38	23	19	-	7	-	12	-
\$35,000 to \$49,999 .....	19	19	-	-	-	13	6	-	-	-	-	-	-
\$50,000 or more .....	12	7	-	-	-	7	-	5	-	-	5	-	-
Median .....	\$8 774	\$15 850	\$16 071	\$18 891	\$22 083	\$17 115	\$7 910	\$6 790	\$2500-	\$15 104	\$17 917	\$10 189	\$5 280
Mean .....	\$11 276	\$15 749	\$11 408	\$18 969	\$20 705	\$16 415	\$10 606	\$8 836	\$1 705	\$15 193	\$22 865	\$11 032	\$6 553
<b>MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS</b>													
<b>Specified owner-occupied housing units</b> .....	<b>2 033</b>	<b>665</b>	<b>19</b>	<b>155</b>	<b>86</b>	<b>176</b>	<b>229</b>	<b>1 368</b>	<b>7</b>	<b>91</b>	<b>43</b>	<b>359</b>	<b>868</b>
<b>With a mortgage</b> .....	<b>537</b>	<b>303</b>	<b>19</b>	<b>136</b>	<b>64</b>	<b>62</b>	<b>22</b>	<b>234</b>	<b>7</b>	<b>79</b>	<b>21</b>	<b>91</b>	<b>36</b>
Less than \$200 .....	32	13	-	-	-	13	-	19	-	-	-	14	5
\$200 to \$249 .....	68	28	-	7	-	15	6	40	-	-	-	34	6
\$250 to \$299 .....	88	16	-	-	8	-	8	72	-	51	-	8	13
\$300 to \$349 .....	97	61	6	21	20	14	-	36	7	9	6	14	-
\$350 to \$399 .....	88	76	6	33	30	7	-	12	-	12	-	-	-
\$400 to \$499 .....	114	71	-	58	6	7	-	43	-	7	15	21	-
\$500 to \$599 .....	43	38	7	17	-	6	8	5	-	-	-	-	5
\$600 to \$749 .....	7	-	-	-	-	-	-	7	-	-	-	-	7
\$750 or more .....	-	-	-	-	-	-	-	-	-	-	-	-	-
Median .....	\$341	\$372	\$379	\$413	\$357	\$311	\$281	\$290	\$325	\$289	\$428	\$246	\$277
<b>Not mortgaged</b> .....	<b>1 496</b>	<b>362</b>	<b>-</b>	<b>19</b>	<b>22</b>	<b>114</b>	<b>207</b>	<b>1 134</b>	<b>-</b>	<b>12</b>	<b>22</b>	<b>268</b>	<b>832</b>
Less than \$50 .....	7	-	-	-	-	-	-	-	-	-	-	-	7
\$50 to \$74 .....	82	43	-	-	7	-	36	39	-	7	6	6	20
\$75 to \$99 .....	344	108	-	5	8	26	69	236	-	-	6	56	174
\$100 to \$124 .....	480	118	-	-	7	51	60	362	-	5	10	80	267
\$125 to \$149 .....	450	73	-	7	-	30	36	377	-	-	-	71	306
\$150 to \$199 .....	83	13	-	7	-	-	6	70	-	-	-	41	29
\$200 to \$249 .....	50	7	-	-	-	7	-	43	-	-	-	14	29
\$250 or more .....	7	-	-	-	-	-	-	-	-	-	-	-	-
Median .....	\$141	\$131	-	\$182	\$113	\$140	\$124	\$145	-	\$96	\$121	\$147	\$145
<b>SELECTED CHARACTERISTICS</b>													
<b>Median selected monthly owner costs as percentage of household income in 1979</b> .....	<b>24.7</b>	<b>18.7</b>	<b>37.5</b>	<b>25.4</b>	<b>17.2</b>	<b>13.5</b>	<b>17.9</b>	<b>29.3</b>	<b>50+</b>	<b>23.3</b>	<b>23.7</b>	<b>21.6</b>	<b>33.3</b>
With a mortgage .....	24.9	23.6	37.5	26.5	19.1	17.6	16.9	26.6	50+	23.4	24.0	27.1	50.0
Not mortgaged .....	24.5	14.4	-	13.2	10-	11.4	18.0	30.3	-	10-	10-	19.6	32.9
<b>Income in 1979 below poverty level</b> .....	<b>236</b>	<b>61</b>	<b>11</b>	<b>-</b>	<b>5</b>	<b>35</b>	<b>10</b>	<b>175</b>	<b>7</b>	<b>5</b>	<b>10</b>	<b>54</b>	<b>99</b>
Percent below poverty level .....	8.6	6.3	39.3	-	3.6	11.6	3.5	9.8	100.0	4.2	16.7	11.5	8.8
<b>Renter-occupied housing units</b> .....	<b>4 232</b>	<b>1 868</b>	<b>455</b>	<b>737</b>	<b>217</b>	<b>304</b>	<b>155</b>	<b>2 364</b>	<b>392</b>	<b>281</b>	<b>67</b>	<b>571</b>	<b>1 053</b>
<b>PLUMBING FACILITIES</b>													
Complete plumbing for exclusive use .....	4 010	1 745	413	717	196	280	139	2 265	354	276	67	553	1 015
Lacking complete plumbing for exclusive use .....	222	123	42	20	21	24	16	99	38	5	-	18	38
<b>UNITS IN STRUCTURE</b>													
1, detached or attached .....	299	129	40	56	-	13	20	170	38	20	7	43	62
2 .....	995	532	112	244	63	85	28	463	82	78	6	131	166
3 and 4 .....	714	382	124	119	37	71	31	332	115	17	7	90	103
5 to 9 .....	617	309	48	137	50	74	-	308	78	55	22	60	93
10 to 49 .....	1 274	485	131	181	61	61	51	789	79	111	25	198	376
50 or more .....	333	31	-	-	6	-	25	302	-	-	-	49	253
Mobile home or trailer, etc. ....	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>HOUSEHOLD INCOME IN 1979</b>													
Less than \$5,000 .....	1 142	247	72	68	12	43	52	895	94	17	7	188	589
\$5,000 to \$9,999 .....	1 124	345	124	87	7	51	76	779	118	97	13	220	331
\$10,000 to \$12,499 .....	505	237	48	106	16	54	13	268	71	68	18	72	39
\$12,500 to \$14,999 .....	425	226	75	99	28	20	4	199	58	44	7	42	48
\$15,000 to \$19,999 .....	681	502	122	261	57	52	10	179	45	49	22	27	36
\$20,000 to \$24,999 .....	243	205	14	80	53	58	-	38	-	6	-	22	10
\$25,000 to \$34,999 .....	93	93	-	29	44	20	-	-	-	-	-	-	-
\$35,000 to \$49,999 .....	6	6	-	-	-	6	-	-	-	-	-	-	-
\$50,000 or more .....	13	7	-	7	-	-	-	6	6	-	-	-	-
Median .....	\$9 275	\$13 662	\$11 641	\$15 137	\$19 223	\$13 000	\$6 386	\$6 580	\$9 375	\$10 974	\$11 875	\$7 120	\$4 720
Mean .....	\$10 344	\$13 640	\$11 034	\$14 930	\$19 074	\$13 869	\$7 095	\$7 740	\$9 601	\$10 905	\$11 386	\$7 761	\$5 959
<b>GROSS RENT</b>													
<b>Specified renter-occupied housing units</b> .....	<b>4 215</b>	<b>1 868</b>	<b>455</b>	<b>737</b>	<b>217</b>	<b>304</b>	<b>155</b>	<b>2 347</b>	<b>392</b>	<b>281</b>	<b>67</b>	<b>562</b>	<b>1 045</b>
Less than \$100 .....	479	92	7	12	5	23	45	387	8	-	-	40	339
\$100 to \$149 .....	694	302	77	68	66	79	12	392	19	38	7	86	242
\$150 to \$199 .....	955	431	88	196	25	85	37	524	125	54	20	188	137
\$200 to \$249 .....	1 108	548	127	283	59	61	18	560	118	144	28	144	126
\$250 to \$299 .....	575	297	108	109	34	30	16	278	106	31	12	58	71
\$300 to \$349 .....	223	98	32	38	15	6	7	125	9	14	-	37	65
\$350 to \$399 .....	71	45	7	18	6	10	4	26	7	-	-	19	-
\$400 to \$499 .....	23	23	2	7	7	-	7	-	-	-	-	-	-
\$500 or more .....	-	-	-	-	-	-	-	-	-	-	-	-	-
No cash rent .....	87	32	7	6	-	10	9	55	-	-	-	9	46
Median .....	\$196	\$207	\$218	\$212	\$206	\$176	\$175	\$185	\$227	\$214	\$218	\$189	\$127
<b>SELECTED CHARACTERISTICS</b>													
<b>Median gross rent as percentage of household income in 1979</b> .....	<b>23.6</b>	<b>19.3</b>	<b>22.9</b>	<b>18.5</b>	<b>14.2</b>	<b>15.0</b>	<b>27.7</b>	<b>26.8</b>	<b>26.2</b>	<b>23.4</b>	<b>19.7</b>	<b>28.0</b>	<b>28.2</b>
<b>Income in 1979 below poverty level</b> .....	<b>518</b>	<b>164</b>	<b>67</b>	<b>42</b>	<b>12</b>	<b>29</b>	<b>14</b>	<b>354</b>	<b>74</b>	<b>10</b>	<b>7</b>	<b>125</b>	<b>138</b>
Percent below poverty level .....	12.2	8.8	14.7	5.7	5.5	9.5	9.0	15.0	18.9	3.6	10.4	21.9	13.1

**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]

Kenosha city				Kenosha 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
<b>Vacant for sale only housing units</b> -----				<b>Vacant for rent housing units</b> -----			
<b>163</b>	<b>50</b>	<b>102</b>	<b>11</b>	<b>907</b>	<b>471</b>	<b>340</b>	<b>96</b>
<b>ROOMS</b>				<b>ROOMS</b>			
1 to 3 rooms -----	14	8	6	1 room -----	21	6	15
4 rooms -----	60	25	35	2 rooms -----	89	29	60
5 rooms -----	32	3	18	3 rooms -----	337	222	91
6 rooms -----	45	2	43	4 rooms -----	242	109	117
7 rooms -----	12	12	—	5 rooms -----	187	99	57
8 or more rooms -----	—	—	—	6 rooms -----	31	6	—
Median -----	4.7	4.2	5.1	7 or more rooms -----	—	—	—
				Median -----	3.5	3.4	3.5
<b>PLUMBING FACILITIES</b>				<b>PLUMBING FACILITIES</b>			
Complete plumbing for exclusive use -----	146	50	85	Complete plumbing for exclusive use -----	859	448	315
Lacking complete plumbing for exclusive use -----	17	—	17	Lacking complete plumbing for exclusive use -----	48	23	25
<b>BEDROOMS</b>				<b>BEDROOMS</b>			
None -----	—	—	—	None -----	27	6	21
1 -----	24	8	16	1 -----	453	259	170
2 -----	64	31	33	2 -----	343	171	138
3 -----	69	11	47	3 -----	71	35	11
4 -----	6	—	6	4 -----	13	—	—
5 or more -----	—	—	—	5 or more -----	—	—	—
<b>YEAR STRUCTURE BUILT</b>				<b>YEAR STRUCTURE BUILT</b>			
1975 to March 1980 -----	14	3	4	1975 to March 1980 -----	302	178	95
1970 to 1974 -----	10	—	10	1970 to 1974 -----	18	8	10
1960 to 1969 -----	31	7	24	1960 to 1969 -----	56	36	20
1950 to 1959 -----	21	6	15	1950 to 1959 -----	94	47	42
1940 to 1949 -----	7	2	5	1940 to 1949 -----	95	46	36
1939 or earlier -----	80	32	44	1939 or earlier -----	342	156	137
<b>UNITS IN STRUCTURE</b>				<b>UNITS IN STRUCTURE</b>			
1, detached or attached -----	131	28	92	1, detached or attached -----	83	38	27
2 or more -----	28	22	6	2 -----	299	131	119
Mobile home or trailer -----	4	—	4	3 and 4 -----	93	43	50
<b>HEATING EQUIPMENT</b>				<b>HEATING EQUIPMENT</b>			
Central heating system -----	163	50	102	5 to 9 -----	86	32	44
Other means -----	—	—	—	10 to 49 -----	148	66	82
None -----	—	—	—	50 or more -----	198	161	18
<b>PRICE ASKED</b>				<b>RENT ASKED</b>			
<b>Specified vacant for sale only housing units</b> -----				<b>Specified vacant for rent housing units</b> -----			
Less than \$10,000 -----	11	28	86	Less than \$100 -----	907	471	340
\$10,000 to \$19,999 -----	23	—	23	\$100 to \$149 -----	96	56	21
\$20,000 to \$29,999 -----	11	4	3	\$150 to \$199 -----	204	114	90
\$30,000 to \$39,999 -----	12	2	10	\$200 to \$249 -----	328	167	94
\$40,000 to \$49,999 -----	17	6	11	\$250 to \$299 -----	217	113	94
\$50,000 to \$59,999 -----	16	16	—	\$300 to \$399 -----	55	18	37
\$60,000 to \$79,999 -----	12	—	5	\$400 or more -----	7	3	4
\$80,000 to \$99,999 -----	23	—	23	Median -----	—	—	—
\$100,000 or more -----	—	—	—	Median -----	\$164	\$164	\$180
Median -----	\$41 600	\$50 800	\$38 000	Median -----	\$155	\$180	\$155

**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]

Kenosha 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)
<b>Total</b> -----	<b>125</b>	<b>11</b>	<b>34</b>	<b>29</b>	<b>51</b>	<b>—</b>	<b>41 600</b>	<b>907</b>	<b>96</b>	<b>532</b>	<b>272</b>	<b>7</b>	<b>—</b>	<b>164</b>
<b>PLUMBING FACILITIES</b>														
Complete plumbing for exclusive use -----	114	—	34	29	51	—	43 200	859	70	522	260	7	—	167
Lacking complete plumbing for exclusive use -----	11	11	—	—	—	—	10000—	48	26	10	12	—	—	89
<b>BEDROOMS</b>														
None -----	—	—	—	—	—	—	—	27	15	12	—	—	—	89
1 -----	10	—	—	10	—	—	37 500	453	72	265	116	—	—	153
2 -----	40	11	10	6	13	—	26 900	343	—	203	133	7	—	185
3 -----	69	—	18	13	38	—	60 500	71	9	39	23	—	—	163
4 -----	6	—	6	—	—	—	16 300	13	—	13	—	—	—	155
5 or more -----	—	—	—	—	—	—	—	—	—	—	—	—	—	—
<b>YEAR STRUCTURE BUILT</b>														
1975 to March 1980 -----	14	—	—	—	14	—	72 900	302	49	134	119	—	—	135
1970 to 1974 -----	—	—	—	—	—	—	—	18	—	—	15	3	—	235
1960 to 1969 -----	31	—	—	—	31	—	81 800	56	—	25	31	—	—	204
1950 to 1959 -----	21	—	11	4	6	—	17 400	94	6	44	40	4	—	194
1940 to 1949 -----	7	—	3	4	—	—	36 300	95	—	80	15	—	—	170
1939 or earlier -----	52	11	20	21	—	—	26 900	342	41	249	52	—	—	155
<b>UNITS IN STRUCTURE</b>														
1, detached or attached -----	125	11	34	29	51	—	41 600	83	9	49	21	4	—	165
2 or more -----	—	—	—	—	—	—	—	824	87	483	251	3	—	164
Mobile home or trailer -----	—	—	—	—	—	—	—	—	—	—	—	—	—	—



## 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.



## Appendix B.—Definitions and Explanations of Subject Characteristics

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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

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



## Appendix B.—Definitions and Explanations of Subject Characteristics

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 phototype-setting 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 nonsampling 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>



3-16 Same value categories as groups 1 to 8

*Black Race*

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

*Asian, Pacific Islander Race*

33-48 Same value—Spanish origin categories as groups 1 to 16

*American Indian, Eskimo, or Aleut Race*

49-64 Same value—Spanish origin categories as groups 1 to 16

*Other Race (includes those races not listed above)*

65-80 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

*Black Race*

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

*Asian, Pacific Islander Race*

125-146 Same rent—Spanish origin categories as groups 81 to 102

*American Indian, Eskimo, or Aleut Race*

147-168 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**

*Group*

- 1 *Vacant for Rent*
- 2 *Vacant for Sale*
- 3 *Other Vacant*

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 precavass 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.



Appendix D.—Accuracy of the Data

Table A. Unadjusted Standard Errors for Estimated Totals

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

Estimated Total <sup>1/</sup>	Size of publication area <sup>2/</sup>													
	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

<sup>1/</sup> 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

<sup>2/</sup> 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 <sup>1/</sup>													
	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	

<sup>1/</sup> 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]

	Housing units	
	100-percent count	Percent in sample
<b>The SMSA</b> <b>Places of 50,000 or More and</b> <b>Central Cities of SMSA's</b>		
The SMSA .....	47 506	19.0
<b>PLACES OF 50,000 OR MORE AND CENTRAL</b> <b>CITIES OF SMSA's</b>		
Kenosha city .....	29 411	16.0





## 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.
- | <u>Unacceptable</u> | <u>Acceptable</u>             |
|---------------------|-------------------------------|
| Furniture company   | Metal furniture manufacturing |
| Grocery store       | Wholesale grocery store       |
| Oil company         | Retail gas station            |
| Ranch               | 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.
- | <u>Unacceptable</u> | <u>Acceptable</u>    |
|---------------------|----------------------|
| Clerk               | Production clerk     |
| Helper              | Carpenter's helper   |
| Mechanic            | Auto engine mechanic |
| Nurse               | 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
				L	

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?**

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

First name \_\_\_\_\_

If relative of person in column 1:

Husband/wife     Father/mother  
 Son/daughter     Other relative  
 Brother/sister

If not related to person in column 1:

Roomer, boarder     Other nonrelative  
 Partner, roommate  
 Paid employee

Male     Female

White     Asian Indian  
 Black or Negro     Hawaiian  
 Japanese     Guamanian  
 Chinese     Samoan  
 Filipino     Eskimo  
 Korean     Aleut  
 Vietnamese     Other — Specify  
 Indian (Amer.)  
*Print tribe* \_\_\_\_\_

a. Age at last birthday \_\_\_\_\_ c. Year of birth \_\_\_\_\_

b. Month of birth \_\_\_\_\_

Now married     Separated  
 Widowed     Never married  
 Divorced

No (not Spanish/Hispanic)  
 Yes, Mexican, Mexican-Amer., Chicano  
 Yes, Puerto Rican  
 Yes, Cuban  
 Yes, other Spanish/Hispanic

No, has not attended since February 1  
 Yes, public school, public college  
 Yes, private, church-related  
 Yes, private, not church-related

Highest grade attended:

Nursery school     Kindergarten  
 Elementary through high school (grade or year)  
 1 2 3 4 5 6 7 8 9 10 11 12  
 College (academic year)  
 1 2 3 4 5 6 7 8 or more  
 Never attended school—Skip question 10

Now attending this grade (or year)  
 Finished this grade (or year)  
 Did not finish this grade (or year)

CENSUS USE ONLY    A.  I     N     O

H1. Did you leave anyone out of Question 1 because you were not sure if the person should be listed — for example, a new baby still in the hospital, a lodger who also has another home, or a person who stays here once in a while and has no other home?

Yes — On page 20 give name(s) and reason left out.  
 No

H2. Did you list anyone in Question 1 who is away from home now — for example, on a vacation or in a hospital?

Yes — On page 20 give name(s) and reason person is away.  
 No

H3. Is anyone visiting here who is not already listed?

Yes — On page 20 give name of each visitor for whom there is no one at the home address to report the person to a census taker.  
 No

H4. How many living quarters, occupied and vacant, are at this address?

One  
 2 apartments or living quarters  
 3 apartments or living quarters  
 4 apartments or living quarters  
 5 apartments or living quarters  
 6 apartments or living quarters  
 7 apartments or living quarters  
 8 apartments or living quarters  
 9 apartments or living quarters  
 10 or more apartments or living quarters  
 This is a mobile home or trailer

H5. Do you enter your living quarters —

Directly from the outside or through a common or public hall?  
 Through someone else's living quarters?

H6. Do you have complete plumbing facilities in your living quarters, that is, hot and cold piped water, a flush toilet, and a bathtub or shower?

Yes, for this household only  
 Yes, but also used by another household  
 No, have some but not all plumbing facilities  
 No plumbing facilities in living quarters

H7. How many rooms do you have in your living quarters? Do not count bathrooms, porches, balconies, foyers, halls, or half-rooms.

1 room     4 rooms     7 rooms  
 2 rooms     5 rooms     8 rooms  
 3 rooms     6 rooms     9 or more rooms

H8. Are your living quarters —

Owned or being bought by you or by someone else in this household?  
 Rented for cash rent?  
 Occupied without payment of cash rent?

H9. Is this apartment (house) part of a condominium?

No  
 Yes, a condominium

H10. If this is a one-family house —

a. Is the house on a property of 10 or more acres?  
 Yes     No

b. Is any part of the property used as a commercial establishment or medical office?  
 Yes     No

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, that is, how much do you think this property (house and lot or condominium unit) would sell for if it were for sale?

Do not answer this question if this is —

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

Less than \$10,000     \$50,000 to \$54,999  
 \$10,000 to \$14,999     \$55,000 to \$59,999  
 \$15,000 to \$17,499     \$60,000 to \$64,999  
 \$17,500 to \$19,999     \$65,000 to \$69,999  
 \$20,000 to \$22,499     \$70,000 to \$74,999  
 \$22,500 to \$24,999     \$75,000 to \$79,999  
 \$25,000 to \$27,499     \$80,000 to \$89,999  
 \$27,500 to \$29,999     \$90,000 to \$99,999  
 \$30,000 to \$34,999     \$100,000 to \$124,999  
 \$35,000 to \$39,999     \$125,000 to \$149,999  
 \$40,000 to \$44,999     \$150,000 to \$199,999  
 \$45,000 to \$49,999     \$200,000 or more

H12. If you pay rent for your living quarters —

What is the monthly rent?

If rent is not paid by the month, see the instruction guide on how to figure a monthly rent.

Less than \$50     \$160 to \$169  
 \$50 to \$59     \$170 to \$179  
 \$60 to \$69     \$180 to \$189  
 \$70 to \$79     \$190 to \$199  
 \$80 to \$89     \$200 to \$224  
 \$90 to \$99     \$225 to \$249  
 \$100 to \$109     \$250 to \$274  
 \$110 to \$119     \$275 to \$299  
 \$120 to \$129     \$300 to \$349  
 \$130 to \$139     \$350 to \$399  
 \$140 to \$149     \$400 to \$499  
 \$150 to \$159     \$500 or more

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<b>A4. Block number</b> 1 2 3 4 5 6 7 8 9 0	<b>A6. Serial number</b> 0 1 2 3 4 5 6 7 8 9	<b>B. Type of unit or quarters</b> Occupied <input type="radio"/> First form <input type="radio"/> Continuation Vacant <input type="radio"/> Regular <input type="radio"/> Usual home elsewhere Group quarters <input type="radio"/> First form <input type="radio"/> Continuation	<b>For vacant units</b> <b>C1. Is this unit for —</b> <input type="radio"/> Year round use <input type="radio"/> Seasonal/Mig. — Skip C2, C3, and D. <b>C2. Vacancy status</b> <input type="radio"/> For rent <input type="radio"/> For sale only <input type="radio"/> Rented or sold, not occupied <input type="radio"/> Held for occasional use <input type="radio"/> Other vacant <b>C3. Is this unit boarded up?</b> <input type="radio"/> Yes <input type="radio"/> No	<b>D. Months vacant</b> <input type="radio"/> Less than 1 month <input type="radio"/> 1 up to 2 months <input type="radio"/> 2 up to 6 months <input type="radio"/> 6 up to 12 months <input type="radio"/> 1 year up to 2 years <input type="radio"/> 2 or more years	<b>E. Indicators</b> 1. <input type="radio"/> Mail return 2. <input type="radio"/> Pop./F	<b>F. Total persons</b> 0 1 2 3 4 5 6 7 8 9
--	---	---	---	--	---	--



<p><b>H13. Which best describes this building?</b>  <i>Include all apartments, flats, etc., even if vacant.</i></p> <p><input type="radio"/> A mobile home or trailer</p> <p><input type="radio"/> A one-family house detached from any other house</p> <p><input type="radio"/> A one-family house attached to one or more houses</p> <p><input type="radio"/> A building for 2 families</p> <p><input type="radio"/> A building for 3 or 4 families</p> <p><input type="radio"/> A building for 5 to 9 families</p> <p><input type="radio"/> A building for 10 to 19 families</p> <p><input type="radio"/> A building for 20 to 49 families</p> <p><input type="radio"/> A building for 50 or more families</p> <p><input type="radio"/> A boat, tent, van, etc.</p>	<p><b>H21 a. Which fuel is used most for house heating?</b></p> <p><input type="radio"/> Gas: from underground pipes serving the neighborhood</p> <p><input type="radio"/> Gas: bottled, tank, or LP</p> <p><input type="radio"/> Electricity</p> <p><input type="radio"/> Fuel oil, kerosene, etc.</p> <p><input type="radio"/> Coal or coke</p> <p><input type="radio"/> Wood</p> <p><input type="radio"/> Other fuel</p> <p><input type="radio"/> No fuel used</p>	<p><b>CENSUS USE</b></p> <p><b>H22a.</b></p> <p><input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>1 1 1</p> <p>2 2 2</p> <p>3 3 3</p> <p>4 4 4</p> <p>5 5 5</p> <p>6 6 6</p> <p>7 7 7</p> <p>8 8 8</p> <p>9 9 9</p>
<p><b>H14a. How many stories (floors) are in this building?</b>  <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 — Skip to H15</p> <p><input type="radio"/> 4 to 6</p> <p><input type="radio"/> 7 to 12</p> <p><input type="radio"/> 13 or more stories</p>	<p><b>b. Which fuel is used most for water heating?</b></p> <p><input type="radio"/> Gas: from underground pipes serving the neighborhood</p> <p><input type="radio"/> Gas: bottled, tank, or LP</p> <p><input type="radio"/> Electricity</p> <p><input type="radio"/> Fuel oil, kerosene, etc.</p> <p><input type="radio"/> Coal or coke</p> <p><input type="radio"/> Wood</p> <p><input type="radio"/> Other fuel</p> <p><input type="radio"/> No fuel used</p>	<p><b>H22b.</b></p> <p><input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>1 1 1</p> <p>2 2 2</p> <p>3 3 3</p> <p>4 4 4</p> <p>5 5 5</p> <p>6 6 6</p> <p>7 7 7</p> <p>8 8 8</p> <p>9 9 9</p>
<p><b>b. Is there a passenger elevator in this building?</b></p> <p><input type="radio"/> Yes</p> <p><input type="radio"/> No</p>	<p><b>c. Which fuel is used most for cooking?</b></p> <p><input type="radio"/> Gas: from underground pipes serving the neighborhood</p> <p><input type="radio"/> Gas: bottled, tank, or LP</p> <p><input type="radio"/> Electricity</p> <p><input type="radio"/> Fuel oil, kerosene, etc.</p> <p><input type="radio"/> Coal or coke</p> <p><input type="radio"/> Wood</p> <p><input type="radio"/> Other fuel</p> <p><input type="radio"/> No fuel used</p>	<p><b>H22c.</b></p> <p><input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>1 1 1</p> <p>2 2 2</p> <p>3 3 3</p> <p>4 4 4</p> <p>5 5 5</p> <p>6 6 6</p> <p>7 7 7</p> <p>8 8 8</p> <p>9 9 9</p>
<p><b>H15a. Is this building —</b></p> <p><input type="radio"/> On a city or suburban lot, or on a place of less than 1 acre? — Skip to H16</p> <p><input type="radio"/> On a place of 1 to 9 acres?</p> <p><input type="radio"/> On a place of 10 or more acres?</p> <p><b>b. Last year, 1979, did sales of crops, livestock, and other farm products from this place amount to —</b></p> <p><input type="radio"/> Less than \$50 (or None)</p> <p><input type="radio"/> \$50 to \$249</p> <p><input type="radio"/> \$250 to \$599</p> <p><input type="radio"/> \$600 to \$999</p> <p><input type="radio"/> \$1,000 to \$2,499</p> <p><input type="radio"/> \$2,500 or more</p>	<p><b>H22. What are the costs of utilities and fuels for your living quarters?</b></p> <p><b>a. Electricity</b></p> <p>\$ _____ .00 OR <input type="radio"/> Included in rent or no charge</p> <p><i>Average monthly cost</i></p> <p><input type="radio"/> Electricity not used</p>	<p><b>H22d.</b></p> <p><input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>1 1 1</p> <p>2 2 2</p> <p>3 3 3</p> <p>4 4 4</p> <p>5 5 5</p> <p>6 6 6</p> <p>7 7 7</p> <p>8 8 8</p> <p>9 9 9</p>
<p><b>H16. Do you get water from —</b></p> <p><input type="radio"/> A public system (city water department, etc.) or private company?</p> <p><input type="radio"/> An individual drilled well?</p> <p><input type="radio"/> An individual dug well?</p> <p><input type="radio"/> Some other source (a spring, creek, river, cistern, etc.)?</p>	<p><b>b. Gas</b></p> <p>\$ _____ .00 OR <input type="radio"/> Included in rent or no charge</p> <p><i>Average monthly cost</i></p> <p><input type="radio"/> Gas not used</p>	<p><b>H22c.</b></p> <p><input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>1 1 1</p> <p>2 2 2</p> <p>3 3 3</p> <p>4 4 4</p> <p>5 5 5</p> <p>6 6 6</p> <p>7 7 7</p> <p>8 8 8</p> <p>9 9 9</p>
<p><b>H17. Is this building connected to a public sewer?</b></p> <p><input type="radio"/> Yes, connected to public sewer</p> <p><input type="radio"/> No, connected to septic tank or cesspool</p> <p><input type="radio"/> No, use other means</p>	<p><b>c. Water</b></p> <p>\$ _____ .00 OR <input type="radio"/> Included in rent or no charge</p> <p><i>Yearly cost</i></p> <p><input type="radio"/> These fuels not used</p>	<p><b>H22d.</b></p> <p><input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>1 1 1</p> <p>2 2 2</p> <p>3 3 3</p> <p>4 4 4</p> <p>5 5 5</p> <p>6 6 6</p> <p>7 7 7</p> <p>8 8 8</p> <p>9 9 9</p>
<p><b>H18. About when was this building originally built? Mark when the building was first constructed, not when it was remodeled, added to, or converted.</b></p> <p><input type="radio"/> 1979 or 1980</p> <p><input type="radio"/> 1975 to 1978</p> <p><input type="radio"/> 1970 to 1974</p> <p><input type="radio"/> 1960 to 1969</p> <p><input type="radio"/> 1950 to 1959</p> <p><input type="radio"/> 1940 to 1949</p> <p><input type="radio"/> 1939 or earlier</p>	<p><b>d. Oil, coal, kerosene, wood, etc.</b></p> <p>\$ _____ .00 OR <input type="radio"/> Included in rent or no charge</p> <p><i>Yearly cost</i></p> <p><input type="radio"/> These fuels not used</p>	<p><b>H22d.</b></p> <p><input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>1 1 1</p> <p>2 2 2</p> <p>3 3 3</p> <p>4 4 4</p> <p>5 5 5</p> <p>6 6 6</p> <p>7 7 7</p> <p>8 8 8</p> <p>9 9 9</p>
<p><b>H19. When did the person listed in column 1 move into this house (or apartment)?</b></p> <p><input type="radio"/> 1979 or 1980</p> <p><input type="radio"/> 1975 to 1978</p> <p><input type="radio"/> 1970 to 1974</p> <p><input type="radio"/> 1960 to 1969</p> <p><input type="radio"/> 1950 to 1959</p> <p><input type="radio"/> 1949 or earlier</p> <p><input type="radio"/> Always lived here</p>	<p><b>H23. Do you have complete kitchen facilities? Complete kitchen facilities are a sink with piped water, a range or cookstove, and a refrigerator.</b></p> <p><input type="radio"/> Yes</p> <p><input type="radio"/> No</p>	<p><b>H22d.</b></p> <p><input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>1 1 1</p> <p>2 2 2</p> <p>3 3 3</p> <p>4 4 4</p> <p>5 5 5</p> <p>6 6 6</p> <p>7 7 7</p> <p>8 8 8</p> <p>9 9 9</p>
<p><b>H20. How are your living quarters heated?</b>  <i>Fill one circle for the kind of heat used most.</i></p> <p><input type="radio"/> Steam or hot water system</p> <p><input type="radio"/> Central warm-air furnace with ducts to the individual rooms  <i>(Do not count electric heat pumps here)</i></p> <p><input type="radio"/> Electric heat pump</p> <p><input type="radio"/> Other built-in electric units (permanently installed in wall, ceiling, or baseboard)</p> <p><input type="radio"/> Floor, wall, or pipeless furnace</p> <p><input type="radio"/> Room heaters with flue or vent, burning gas, oil, or kerosene</p> <p><input type="radio"/> Room heaters without flue or vent, burning gas, oil, or kerosene (not portable)</p> <p><input type="radio"/> Fireplaces, stoves, or portable room heaters of any kind</p> <p><input type="radio"/> No heating equipment</p>	<p><b>H24. How many bedrooms do you have?</b>  <i>Count rooms used mainly for sleeping even if used also for other purposes.</i></p> <p><input type="radio"/> No bedroom</p> <p><input type="radio"/> 1 bedroom</p> <p><input type="radio"/> 2 bedrooms</p> <p><input type="radio"/> 3 bedrooms</p> <p><input type="radio"/> 4 bedrooms</p> <p><input type="radio"/> 5 or more bedrooms</p>	<p><b>H22d.</b></p> <p><input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>1 1 1</p> <p>2 2 2</p> <p>3 3 3</p> <p>4 4 4</p> <p>5 5 5</p> <p>6 6 6</p> <p>7 7 7</p> <p>8 8 8</p> <p>9 9 9</p>
	<p><b>H25. How many bathrooms do you have?</b>  <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</p> <p><input type="radio"/> 1 complete bathroom</p> <p><input type="radio"/> 1 complete bathroom, plus half bath(s)</p> <p><input type="radio"/> 2 or more complete bathrooms</p>	<p><b>H22d.</b></p> <p><input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>1 1 1</p> <p>2 2 2</p> <p>3 3 3</p> <p>4 4 4</p> <p>5 5 5</p> <p>6 6 6</p> <p>7 7 7</p> <p>8 8 8</p> <p>9 9 9</p>
	<p><b>H26. Do you have a telephone in your living quarters?</b></p> <p><input type="radio"/> Yes</p> <p><input type="radio"/> No</p>	<p><b>H22d.</b></p> <p><input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>1 1 1</p> <p>2 2 2</p> <p>3 3 3</p> <p>4 4 4</p> <p>5 5 5</p> <p>6 6 6</p> <p>7 7 7</p> <p>8 8 8</p> <p>9 9 9</p>
	<p><b>H27. Do you have air conditioning?</b></p> <p><input type="radio"/> Yes, a central air-conditioning system</p> <p><input type="radio"/> Yes, 1 individual room unit</p> <p><input type="radio"/> Yes, 2 or more individual room units</p> <p><input type="radio"/> No</p>	<p><b>H22d.</b></p> <p><input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>1 1 1</p> <p>2 2 2</p> <p>3 3 3</p> <p>4 4 4</p> <p>5 5 5</p> <p>6 6 6</p> <p>7 7 7</p> <p>8 8 8</p> <p>9 9 9</p>
	<p><b>H28. How many automobiles are kept at home for use by members of your household?</b></p> <p><input type="radio"/> None</p> <p><input type="radio"/> 1 automobile</p> <p><input type="radio"/> 2 automobiles</p> <p><input type="radio"/> 3 or more automobiles</p>	<p><b>H22d.</b></p> <p><input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>1 1 1</p> <p>2 2 2</p> <p>3 3 3</p> <p>4 4 4</p> <p>5 5 5</p> <p>6 6 6</p> <p>7 7 7</p> <p>8 8 8</p> <p>9 9 9</p>
	<p><b>H29. How many vans or trucks of one-ton capacity or less are kept at home for use by members of your household?</b></p> <p><input type="radio"/> None</p> <p><input type="radio"/> 1 van or truck</p> <p><input type="radio"/> 2 vans or trucks</p> <p><input type="radio"/> 3 or more vans or trucks</p>	<p><b>H22d.</b></p> <p><input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>1 1 1</p> <p>2 2 2</p> <p>3 3 3</p> <p>4 4 4</p> <p>5 5 5</p> <p>6 6 6</p> <p>7 7 7</p> <p>8 8 8</p> <p>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

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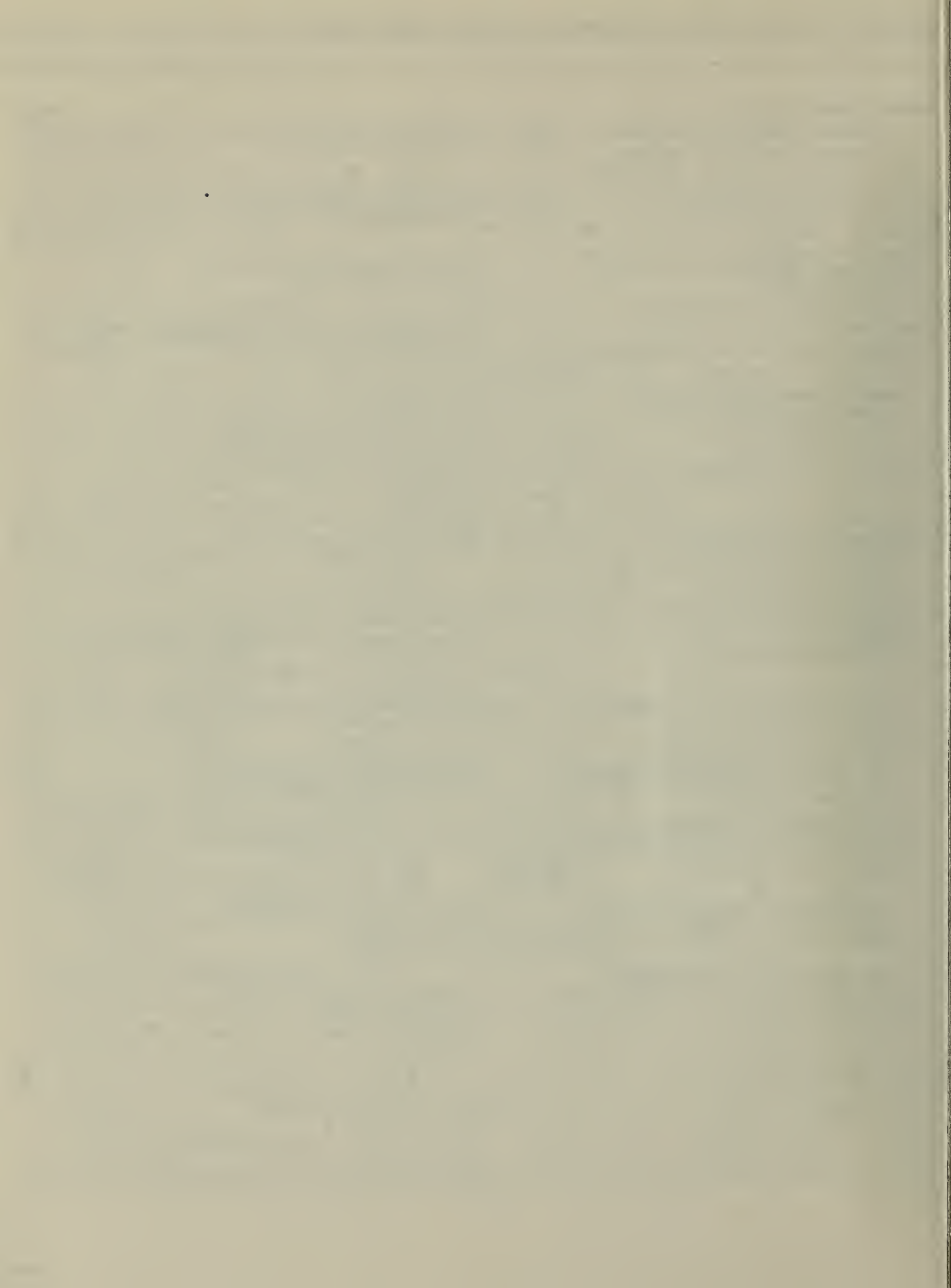
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	No	5 5 5 5	5 5 5 5	5 5	5 5 5 5	5 5 5 5	5 5 5 5		
		6 6 6 6	6 6 6 6	6 6	6 6 6 6	6 6 6 6	6 6 6 6		
		7 7 7 7	7 7 7 7	7 7	7 7 7 7	7 7 7 7	7 7 7 7		
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		9 9 9 9	9 9 9 9	9 9	9 9 9 9	9 9 9 9	9 9 9 9		





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

➔ Please turn to the next page and answer the questions for Person 2 on page 2





## Appendix F.—Publication and Computer Tape Program

GENERAL . . . . .	F-1	PUBLICATIONS—Con.	
PUBLICATIONS . . . . .	F-1	HC80-5, Volume 5, Residen-	
Population and Housing Census		tial Finance . . . . .	F-4
Reports . . . . .	F-1	HC80-S1-1, Supplementary	
PHC80-1, Block Statistics . . .	F-1	Reports . . . . .	F-4
PHC80-2, Census Tracts . . . .	F-2	Evaluation and Reference	
PHC80-3, Summary Charac-		Reports . . . . .	F-4
teristics for Governmental		PHC80-E, Evaluation and	
Units and Standard Metro-		Research Reports. . . . .	F-4
politan Statistical Areas . . . .	F-2	PHC80-R, Reference Reports. F-4	
PHC80-4, Congressional		PHC80-R1, Users' Guide . .	F-4
Districts of the 98th		PHC80-R2, History . . . . .	F-4
Congress . . . . .	F-2	PHC80-R3, Alphabetical	
PHC80-S1-1, Provisional		Index of Industries and	
Estimates of Social, Eco-		Occupations . . . . .	F-4
nomic, and Housing		PHC80-R4, Classified	
Characteristics. . . . .	F-2	Index of Industries and	
PHC80-S2, Advance Esti-		Occupations . . . . .	F-4
mates of Social, Economic,		PHC80-R5, Geographic	
and Housing Characteristics .	F-2	Identification Code	
Population Census Reports . . . .	F-2	Scheme . . . . .	F-4
PC80-1, Volume 1, Charac-		COMPUTER TAPES . . . . .	F-4
teristics of the Population . .	F-2	Summary Tape Files . . . . .	F-4
PC80-1-A, Chapter A, Num-		STF 1 . . . . .	F-4
ber of Inhabitants . . . . .	F-2	STF 2 . . . . .	F-4
PC80-1-B, Chapter B, General		STF 3 . . . . .	F-4
Population Characteristics . .	F-2	STF 4 . . . . .	F-5
PC80-1-C, Chapter C, General		STF 5 . . . . .	F-5
Social and Economic		Other Computer Tape Files . . . .	F-5
Characteristics. . . . .	F-3	P.L. 94-171, Population	
PC80-1-D, Chapter D,		Counts. . . . .	F-5
Detailed Population		Master Area Reference Files	
Characteristics. . . . .	F-3	1 and 2 (MARF) . . . . .	F-5
PC80-2, Volume 2, Subject		Geographic Base File/Dual	
Reports . . . . .	F-3	Independent Map Encoding	
PC80-S1, Supplementary		(GBF/DIME). . . . .	F-5
Reports . . . . .	F-3	Public-Use Microdata	
Housing Census Reports . . . . .	F-3	Samples . . . . .	F-5
HC80-1, Volume 1, Charac-		Census/EEO Special File. . . .	F-5
teristics of Housing Units . .	F-3	MAPS . . . . .	F-5
HC80-1-A, Chapter A,		MICROFICHE . . . . .	F-5
General Housing		STF 1 Microfiche . . . . .	F-5
Characteristics. . . . .	F-3	STF 3 Microfiche . . . . .	F-5
HC80-1-B, Chapter B,		P.L. 94-171 Counts Microfiche. .	F-5
Detailed Housing			
Characteristics. . . . .	F-3		
HC80-2, Volume 2, Metro-			
politan Housing			
Characteristics. . . . .	F-3		
HC80-3, Volume 3, Subject			
Reports . . . . .	F-3		
HC80-4, Volume 4, Compon-			
ents of Inventory Change. .	F-3		

### 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

**PHC80-1, 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.

**PHC80-1-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.

**PHC80-1-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.

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# 1980 Census of Population and Housing

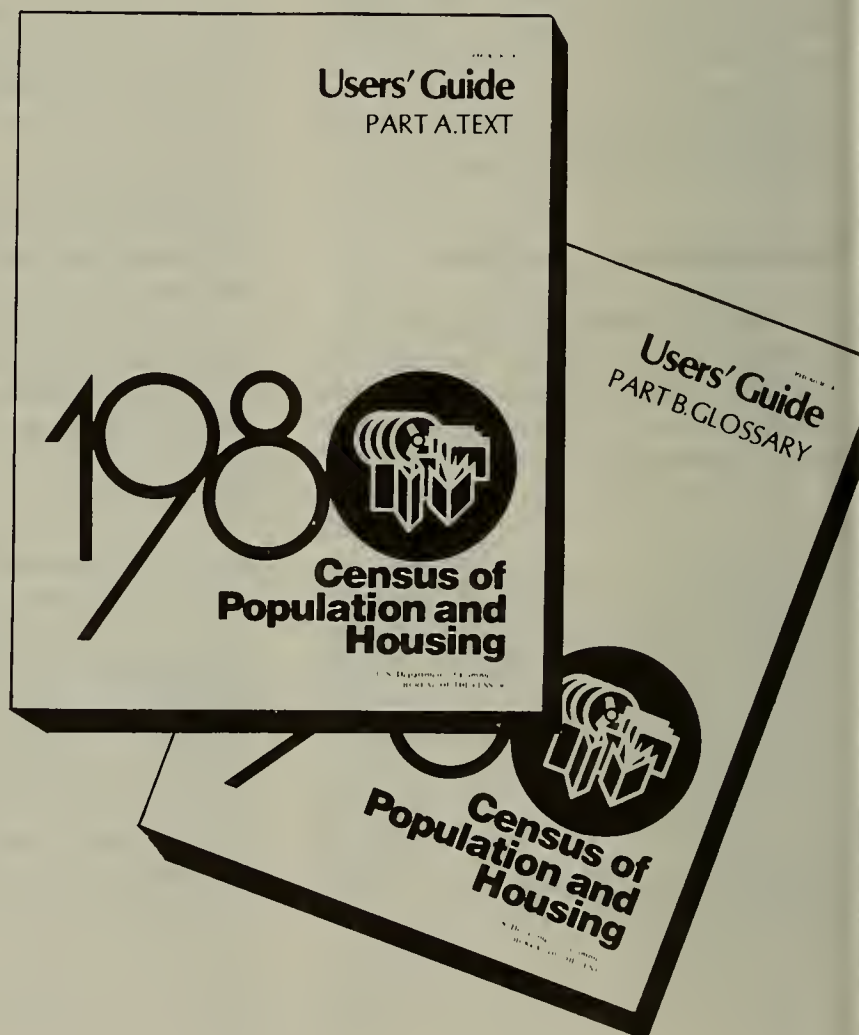
## Users' Guide

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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.



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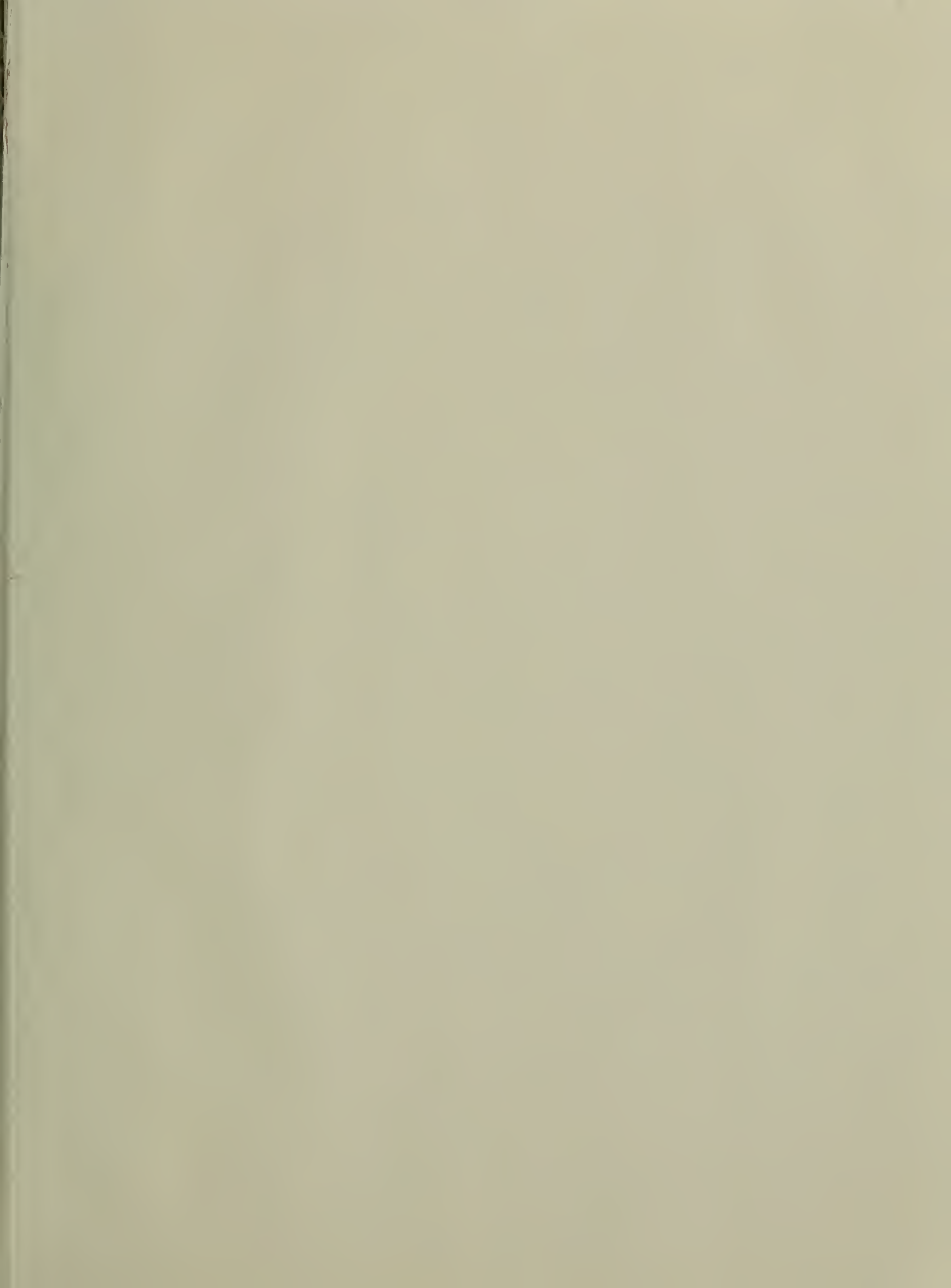
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