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Metropolitan Housing Characteristics

SIoux FALLS, S.DAK.

STANDARD METROPOLITAN STATISTICAL AREA

HC80-2-335

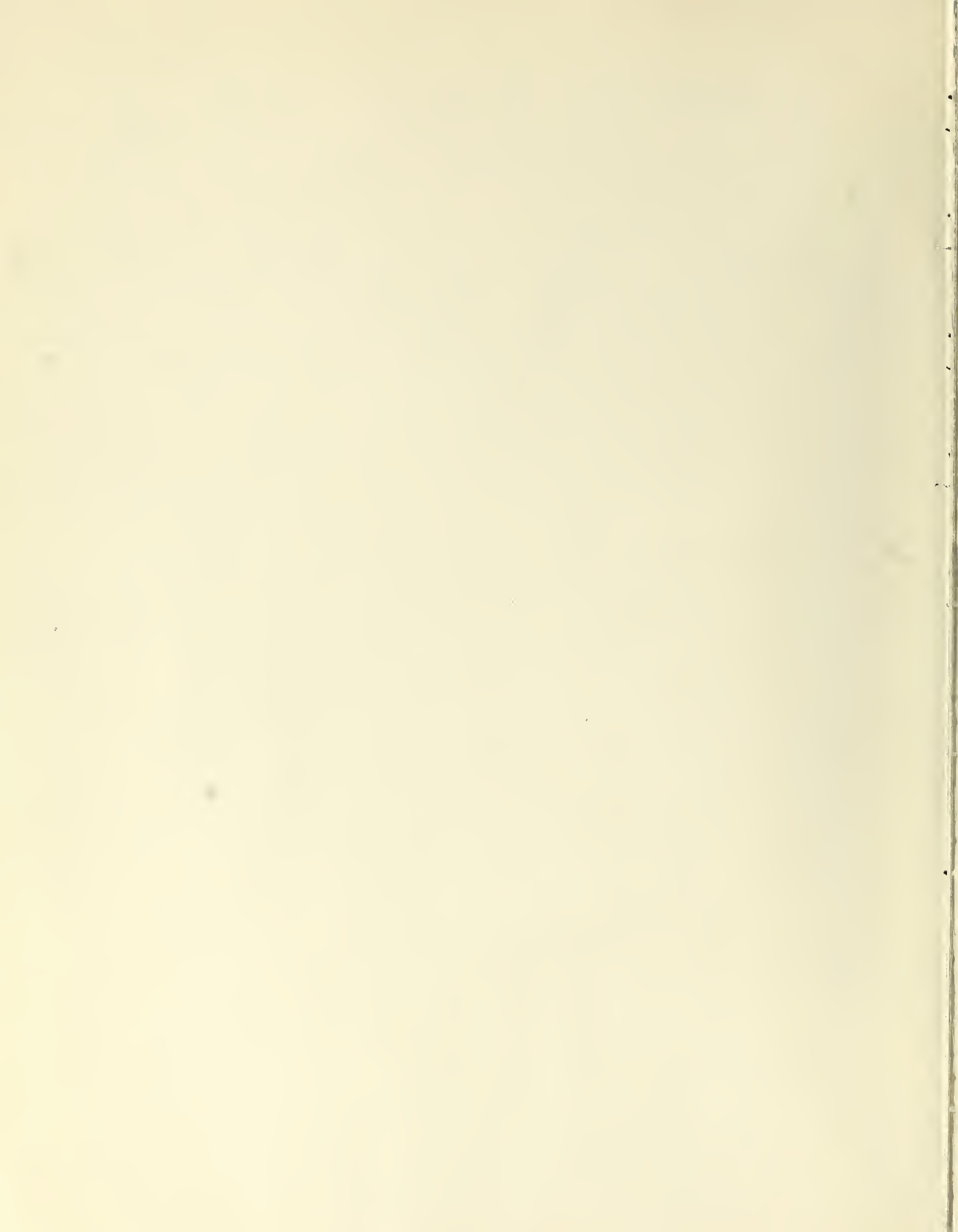
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1980 Census of Housing

VOLUME 2

Metropolitan Housing Characteristics

SIoux FALLS, S.DAK.

HC80-2-335

Issued November 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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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.
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149	Eugene-Springfield, Oreg.	188	Iowa City, Iowa	228	Lowell, Mass.-N.H.		
150	Evansville, Ind.-Ky.	189	Jackson, Mich.	229	Lubbock, Tex.		
		190	Jackson, Miss.	230	Lynchburg, Va.	266	Northeast Pennsylvania
151	Fall River, Mass.-R.I.					267	Norwalk, Conn.
152	Fargo-Moorhead, N. Dak.- Minn.	191	Jacksonville, Fla.	231	Macon, Ga.	268	Ocala, Fla.
		192	Jacksonville, N.C.	232	Madison, Wis.	269	Odessa, Tex.
153	Fayetteville, N.C.	193	Janesville-Beloit, Wis.	233	Manchester, N.H.	270	Oklahoma City, Okla.
154	Fayetteville-Springdale, Ark.	194	Jersey City, N.J.	234	Mansfield, Ohio		
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159	Fort Collins, Colo.	199	Kankakee, Ill.				
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		201	Kenosha, Wis.	240	Meriden, Conn.	277	Parkersburg-Marietta, W. Va.-Ohio
161	Fort Myers-Cape Coral, Fla.	202	Killeen-Temple, Tex.			278	Pascagoula-Mess Point, Miss.
162	Fort Smith, Ark.-Okla.	203	Knoxville, Tenn.	241	Miami, Fla.	279	Paterson-Clifton-Passaic, N.J.
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165	Fresno, Calif.	206	Lafayette, La.	244	Minneapolis-St. Paul, Minn.-Wis.	281	Peoria, Ill.
		207	Lafayette-West Lafayette, Ind.	245	Mobile, Ala.	282	Petersburg-Colonial Heights-Hopewell, Va.
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167	Gainesville, Fla.	209	Lakeland-Winter Haven, Fla.	247	Monroe, La.	284	Phoenix, Ariz.
168	Galveston-Texas City, Tex.	210	Lancaster, Pa.	248	Montgomery, Ala.	285	Pine Bluff, Ark.
169	Gary-Hammond-East Chicago, Ind.			249	Muncie, Ind.		
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		217	Lawton, Okla.			292	Poughkeepsie, N.Y.
176	Greensboro-Winston-Salem- High Point, N.C.	218	Lewiston-Auburn, Maine	256	New Brunswick-Perth Amboy-Sayreville, N.J.	293	Providence-Warwick- Pawtucket, R.I.-Mass.
177	Greenville-Spartanburg, S.C.	219	Lexington-Fayette, Ky.	257	New Haven-West Haven, Conn.	294	Provo-Orem, Utah
178	Hagerstown, Md.	220	Lima, Ohio			295	Pueblo, Colo.
179	Hamilton-Middletown, Ohio			258	New London-Norwich, Conn.-R.I.	296	Racine, Wis.
180	Harrisburg, Pa.	221	Lincoln, Nebr.	259	New Orleans, La.	297	Raleigh-Durham, N.C.
		222	Little Rock-North Little Rock, Ark.	260	New York, N.Y.-N.J.	298	Reading, Pa.
181	Hartford, Conn.	223	Long Branch-Asbury Park, N.J.			299	Redding, Calif.
182	Hickory, N.C.			261	Newark, N.J.	300	Reno, Nev.
183	Honolulu, Hawaii	224	Longview-Marshall, Tex.	262	Newark, Ohio	301	Richland-Kennewick- Pasco, Wash.
184	Houston, Tex.	225	Lorain-Elyria, Ohio	263	Newburgh-Middletown, N.Y.	302	Richmond, Va.
185	Huntington-Ashland, W. Va.-Ky.-Ohio			264	Newport News-Hampton, Va.	303	Riverside-San Bernardino- Ontario, Calif.
186	Huntsville, Ala.	226	Los Angeles-Long Beach, Calif.				

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305	Rochester, Minn.	324	Santa Barbara-Santa Maria-Lompoc, Calif.	344	Steubenville-Weirton, Ohio-W. Va.	363	Visalia-Tulare-Porterville, Calif.
306	Rochester, N.Y.	325	Santa Cruz, Calif.	345	Stockton, Calif.	364	Waco, Tex.
307	Rockford, Ill.					365	Washington, D.C.-Md.-Va.
308	Rock Hill, S.C.	326	Santa Rosa, Calif.	346	Syracuse, N.Y.		
309	Sacramento, Calif.	327	Sarasota, Fla.	347	Tacoma, Wash.	366	Waterbury, Conn.
310	Saginaw, Mich.	328	Savannah, Ga.	348	Tallahassee, Fla.	367	Waterloo-Cedar Falls, Iowa
		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.					370	Wheeling, W. Va.-Ohio
313	St. Louis, Mo.-Ill.	331	Sheboygan, Wis.	351	Texarkana, Tex.-Texarkana, Ark.		
314	Salem, Oreg.	332	Sherman-Denison, Tex.	352	Toledo, Ohio-Mich.	371	Wichita, Kans.
315	Salinas-Seaside-Monterey, Calif.	333	Shreveport, La.	353	Topeka, Kans.	372	Wichita Falls, Tex.
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317	Salt Lake City-Ogden, Utah	336	South Bend, Ind.	356	Tulsa, Okla.		
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319	San Antonio, Tex.	339	Springfield, Mo.	359	Utica-Rome, N.Y.	378	York, Pa.
320	San Diego, Calif.	340	Springfield, Ohio	360	Vallejo-Fairfield-Napa, Calif.	379	Youngstown-Warren, Ohio
						380	Yuba City, Calif.
321	San Francisco-Oakland, Calif.	341	Springfield-Chicopee-Holyoke, Mass.-Conn.				
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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

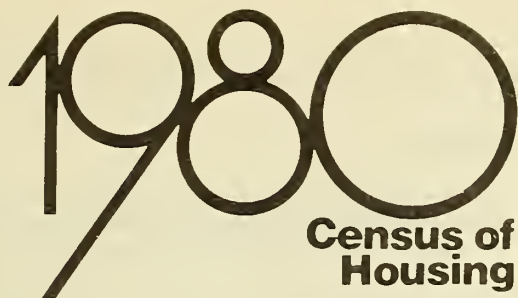
To maintain the confidentiality promised respondents and required by law, the Census Bureau takes precautions that its published data do not disclose information about specific individuals and housing units. To accomplish this, the Bureau suppresses data for characteristics which are based on a small 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

SIoux FALLS, S.DAK.

STANDARD METROPOLITAN STATISTICAL AREA

HC80-2-335

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:

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List of Tables —shows the table numbers and titles for each of the 68 tables	X
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Sioux Falls	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
OCCUPANCY CHARACTERISTICS						
Condominium	—	—	—	—	—	—
Year moved into unit	1	2	3	4	5	6
UTILIZATION CHARACTERISTICS						
Rooms	1	2	—	—	5	6
Persons in unit	—	—	—	—	5	6
Bedrooms	1	2	—	—	—	—
Median rooms	1	2	3	4	5	6
STRUCTURAL CHARACTERISTICS						
Units in structure	—	2	—	—	—	—
Year structure built	1	2	—	—	5	6
Stories in structure	—	2	—	—	—	—
PLUMBING CHARACTERISTICS						
Plumbing facilities	1	2	3	4	—	—
EQUIPMENT AND FUELS						
Heating equipment	1	2	3	4	5	6
Air conditioning	1	2	3	4	5	6
Vehicles available	—	—	3	4	—	—
House heating fuel	—	—	3	4	5	6
Water heating fuel	—	—	—	—	—	—
FINANCIAL CHARACTERISTICS						
Value	—	—	—	—	5	6
Price asked	—	—	—	—	—	—
Mortgage status and selected monthly owner costs	—	—	3	—	—	—
Selected monthly owner costs as percentage of household income	—	—	—	—	5	6
Contract rent	—	—	—	4	—	—
Gross rent	—	—	—	4	—	—
Rent asked	—	—	—	—	—	—
Gross rent as percentage of household income	—	2	—	4	—	—
Mortgage status and selected monthly owner costs as percentage of household income	1	—	3	—	—	—
HOUSEHOLD CHARACTERISTICS						
Household type by age of householder	1	2	3	4	5	6
Income	1	—	—	—	—	—
Income below poverty level	1	2	—	—	—	—
The table numbers listed above show data for all households. Similar data are shown in the tables listed below when there are 10,000 or more persons of the race or Spanish origin group, or if the group comprises 10 percent of the area population. For further explanation, see the Introduction on page VII.						
White	14	15	16	17	18	19
Black	25	26	27	28	29	30
American Indian, Eskimo, and Aleut	36	37	38	39	40	41
Asian and Pacific Islander	47	48	49	50	51	52
Spanish origin	58	59	60	61	62	63

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

Subject	Year structure built	Units in structure	Size of household (persons)	Household composition by age of householder	Age and sex of householder in one-person households	Duration of vacancy	Price asked and rent asked
OCCUPANCY CHARACTERISTICS							
Condominium	—	8	—	—	—	—	—
Year moved into unit	7	8	—	—	—	—	—
UTILIZATION CHARACTERISTICS							
Rooms	7	8	9	—	—	12	—
Persons in unit	7	—	—	10	—	—	—
Bedrooms	—	8	—	—	—	12	13
Median rooms	7	8	9	—	—	12	—
STRUCTURAL CHARACTERISTICS							
Units in structure	7	—	9	—	11	12	13
Year structure built	—	—	—	—	—	12	13
Stories in structure	—	—	—	—	—	—	—
PLUMBING CHARACTERISTICS							
Plumbing facilities	7	8	9	10	11	12	13
EQUIPMENT AND FUELS							
Heating equipment	7	8	—	—	—	12	—
Air conditioning	7	8	—	—	—	—	—
Vehicles available	—	8	—	—	—	—	—
House heating fuel	7	8	—	—	—	—	—
Water heating fuel	—	8	—	—	—	—	—
FINANCIAL CHARACTERISTICS							
Value	—	—	9	—	—	—	—
Price asked	—	—	—	—	—	12	—
Mortgage status and selected monthly owner costs	—	—	—	—	11	—	—
Selected monthly owner costs as percentage of household income	—	—	9	—	11	—	—
Contract rent	—	—	—	—	—	—	—
Gross rent	—	—	9	—	11	—	—
Rent asked	—	—	—	—	—	12	—
Gross rent as percentage of household income	—	—	9	10	11	—	—
Mortgage status and selected monthly owner costs as percentage of household income	—	—	—	10	—	—	—
HOUSEHOLD CHARACTERISTICS							
Household type by age of householder	7	8	—	—	—	—	—
Income	7	8	9	—	11	—	—
Income below poverty level	7	8	9	—	11	—	—
The table numbers listed above show data for all households. Similar data are shown in the tables listed below when there are 10,000 or more persons of the race or Spanish origin group, or if the group comprises 10 percent of the area population. For further explanation, see the Introduction on page VII.							
White	20	21	22	23	24	—	—
Black	31	32	33	34	35	—	—
American Indian, Eskimo, and Aleut	42	43	44	45	46	—	—
Asian and Pacific Islander	53	54	55	56	57	—	—
Spanish origin	64	65	66	67	68	—	—

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, O.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)
Specified owner-occupied housing units -----	21 178	177	871	2 078	3 526	5 317	3 741	3 430	1 185	674	179	47 300	51 400
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families -----	16 837	78	507	1 288	2 423	4 232	3 347	3 094	1 084	632	152	49 700	54 100
15 to 24 years -----	636	—	6	47	169	284	78	43	3	6	—	42 500	43 800
25 to 34 years -----	4 700	9	48	158	700	1 388	1 202	817	266	107	5	50 300	53 300
35 to 44 years -----	3 363	2	40	158	323	735	675	844	322	213	51	55 600	62 200
45 to 64 years -----	6 072	28	217	597	762	1 417	1 090	1 186	394	294	87	50 100	55 200
65 years and over -----	2 066	39	196	328	469	408	302	204	99	12	9	40 000	42 700
Male householder, no wife present -----	1 295	45	90	244	276	347	155	98	30	4	6	39 700	40 700
15 to 24 years -----	135	6	8	30	41	38	8	2	—	—	—	34 900	35 500
25 to 34 years -----	440	10	23	61	96	114	81	37	12	—	6	42 700	45 400
35 to 44 years -----	115	—	12	28	22	46	7	—	—	—	—	38 500	36 000
45 to 64 years -----	259	10	6	48	60	57	30	38	6	4	—	41 100	43 800
65 years and over -----	346	19	41	77	57	92	29	21	10	—	—	35 000	36 000
Female householder, no husband present -----	3 046	54	274	546	827	738	239	238	71	38	21	38 100	41 000
15 to 24 years -----	68	—	1	9	24	21	7	2	—	—	—	40 000	44 000
25 to 34 years -----	354	3	14	42	76	151	44	12	6	4	—	42 400	42 800
35 to 44 years -----	350	—	11	18	64	119	52	60	24	2	—	46 200	49 900
45 to 64 years -----	953	24	55	143	294	222	80	101	16	12	6	38 800	42 100
65 years and over -----	1 321	27	193	334	369	225	56	63	25	14	15	33 400	37 300
Median age -----	46.1	64.2	64.7	59.0	49.8	41.8	40.5	43.8	43.6	45.0	47.9	...	...
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980 -----	3 034	14	39	141	346	900	587	664	170	151	22	50 900	56 400
1975 to 1978 -----	6 815	21	124	351	1 028	1 637	1 387	1 382	554	260	71	51 600	56 600
1970 to 1974 -----	3 186	24	95	349	518	775	619	490	171	103	42	48 100	52 300
1960 to 1969 -----	4 164	34	195	465	775	1 108	659	597	213	107	11	45 700	48 500
1959 or earlier -----	3 979	84	418	772	859	897	489	297	77	53	33	38 300	40 900
ROOMS													
1 to 3 rooms -----	294	37	88	44	77	37	6	5	—	—	—	25 300	25 800
4 rooms -----	2 594	69	256	599	864	576	163	55	8	4	—	34 300	34 400
5 rooms -----	5 223	39	297	614	1 117	1 751	960	370	45	30	—	43 000	42 700
6 rooms -----	4 878	20	149	466	822	1 406	958	827	154	68	8	46 700	48 600
7 rooms -----	3 582	4	41	257	423	871	814	842	239	84	7	52 100	54 800
8 or more rooms -----	4 607	8	40	98	223	676	840	1 331	739	488	164	66 100	72 800
Median -----	6.0	4.2	4.8	5.1	5.2	5.7	6.3	7.0	8.0	8.4	8.5+	...	...
BEDROOMS													
None -----	28	2	—	7	15	4	—	—	—	—	—	33 100	31 200
1 -----	579	61	140	207	78	70	14	7	—	2	—	22 700	25 500
2 -----	5 408	77	425	951	1 578	1 442	513	326	56	32	8	37 900	38 900
3 -----	10 177	29	243	696	1 519	2 793	2 288	1 814	510	221	64	49 300	52 500
4 -----	4 138	4	61	193	291	873	790	1 081	476	330	39	57 600	63 200
5 or more -----	848	4	2	24	45	135	136	202	143	89	68	69 100	78 500
YEAR STRUCTURE BUILT													
1975 to March 1980 -----	3 474	1	4	12	178	734	618	1 078	499	296	54	63 100	69 000
1970 to 1974 -----	1 842	2	25	29	94	394	619	457	132	61	29	54 800	60 900
1960 to 1969 -----	3 638	9	19	116	315	972	840	913	256	161	37	53 600	58 900
1950 to 1959 -----	4 717	15	110	360	1 016	1 463	917	570	178	70	18	45 800	48 400
1940 to 1949 -----	2 433	12	155	340	596	728	376	146	37	27	16	41 200	43 000
1939 or earlier -----	5 074	138	558	1 221	1 327	1 026	371	266	83	59	25	34 300	37 400
HOUSEHOLD INCOME IN 1979													
Less than \$5,000 -----	1 071	73	153	204	233	202	82	88	16	4	16	35 100	38 800
\$5,000 to \$9,999 -----	2 132	53	284	500	506	435	172	121	47	14	—	34 200	36 300
\$10,000 to \$12,499 -----	1 259	13	88	203	384	332	131	101	7	—	—	38 600	39 500
\$12,500 to \$14,999 -----	1 280	14	70	178	313	456	130	93	12	14	—	41 200	41 400
\$15,000 to \$19,999 -----	3 395	13	129	342	817	1 045	595	350	73	31	—	43 500	44 900
\$20,000 to \$24,999 -----	3 999	9	75	284	619	1 230	978	586	122	90	6	48 200	50 300
\$25,000 to \$34,999 -----	4 978	—	53	301	511	1 224	1 201	379	144	42	52 900	57 000	
\$35,000 to \$49,999 -----	2 011	2	15	56	129	345	418	587	316	128	15	61 000	65 100
\$50,000 or more -----	1 053	—	4	10	48	112	303	213	249	100	—	83 600	93 700
Median -----	\$21 649	\$7 153	\$9 975	\$14 354	\$16 975	\$20 749	\$23 657	\$27 304	\$33 088	\$38 885	\$53 352	...	...
Mean -----	\$23 922	\$8 241	\$12 419	\$15 713	\$17 493	\$21 058	\$24 937	\$30 135	\$36 729	\$50 994	\$75 439	...	...
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
With a mortgage -----	14 572	39	235	870	2 149	3 903	2 941	2 803	978	527	127	50 200	55 100
Less than 15 percent -----	3 627	10	58	319	590	872	666	661	263	156	32	49 600	55 000
15 to 19 percent -----	3 085	10	58	137	453	890	651	534	216	98	38	49 900	55 300
20 to 24 percent -----	2 971	2	35	134	453	868	625	604	153	76	21	49 900	54 000
25 to 29 percent -----	1 933	8	37	91	326	458	418	372	126	83	14	50 900	55 500
30 to 34 percent -----	1 196	—	18	58	105	368	240	282	93	32	—	51 600	55 500
35 percent or more -----	1 707	9	23	119	222	447	337	320	126	82	22	50 900	56 700
Not computed -----	53	—	6	12	—	—	4	30	1	—	—	61 100	50 100
Median -----	20.9	19.7	19.9	19.0	20.3	21.1	21.2	21.6	20.3	20.6	19.1	...	...
Not mortgaged -----	6 606	138	636	1 208	1 377	1 414	800	627	207	147	52	39 600	43 200
Less than 10 percent -----	2 926	34	204	443	564	699	428	326	129	71	28	42 600	46 700
10 to 14 percent -----	1 358	23	124	277	278	287	173	123	23	34	16	39 200	42 700
15 to 19 percent -----	845	17	80	204	160	170	97	72	28	17	—	38 200	40 900
20 to 24 percent -----	468	24	73	82	136	87	27	26	—	13	—	33 000	35 400
25 to 29 percent -----	285	10	46	75	79	30	19	26	—	—	—	31 100	34 000
30 to 34 percent -----	200	9	39	46	49	35	12	2	—	8	—	33 800	34 700
35 percent or more -----	494	12	64	79	111	106	38	45	27	4	8	38 200	44 300
Not computed -----	30	9	6	2	—	—	6	7	—	—	—	17 500	34 600
Median -----	11.3	17.2	14.5	12.9	12.2	10.1	10—	10—	10—	10.4	10—	...	...
SELECTED CHARACTERISTICS													
Complete plumbing for exclusive use -----	21 136	160	848	2 078	3 524	5 317	3 741	3 430	1 185	674	179	47 400	51 500
1.01 or more persons per room -----	301	6	28	48	75	79	58	6	1	—	—	39 200	38 100
Lacking complete plumbing for exclusive use -----	42	17	23	—	2	—	—	—	—	—	—	11 700	12 800
1.01 or more persons per room -----	—	—	—	—	—	—	—	—	—	—	—	—	—
Heating equipment -----	21 178	177	871	2 078	3 526	5 317	3 741	3 430	1 185	674	179	47 300	51 400
Central heating system -----	20 523	87	729	1 960	3 404	5 222	3						

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

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

The SMSA

	Total	Less than \$100	\$100 to \$149	\$150 to \$199	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 or more	No cash rent	Median (dollars)
Specified renter-occupied housing units	13 345	1 229	1 337	2 643	3 161	2 559	1 172	387	404	112	341	219
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER												
Married-couple families	3 696	59	187	490	788	936	580	228	194	83	151	262
15 to 24 years.....	769	—	48	129	222	247	69	33	15	—	6	245
25 to 34 years.....	1 149	1	29	133	247	287	275	81	62	7	27	276
35 to 44 years.....	385	—	16	47	55	80	36	62	53	28	8	293
45 to 64 years.....	779	—	17	83	139	237	135	39	33	35	61	274
65 years and over.....	614	58	77	98	125	85	65	13	31	13	49	215
Male householder, no wife present	3 375	296	509	872	751	530	201	39	85	7	85	198
15 to 24 years.....	1 222	48	109	411	319	220	61	19	24	4	7	205
25 to 34 years.....	1 040	14	158	251	266	186	95	7	43	—	20	215
35 to 44 years.....	342	40	64	62	57	41	28	13	11	3	23	197
45 to 64 years.....	508	101	104	102	92	57	17	—	7	—	28	163
65 years and over.....	263	93	74	46	17	26	—	—	—	—	7	121
Female householder, no husband present	6 274	874	641	1 281	1 622	1 093	391	120	125	22	105	208
15 to 24 years.....	1 758	60	207	498	521	351	76	25	10	6	4	211
25 to 34 years.....	1 477	64	85	396	431	327	116	18	19	5	16	242
35 to 44 years.....	423	25	37	48	114	80	54	12	35	5	13	222
45 to 64 years.....	925	139	113	109	212	183	72	43	30	6	18	218
65 years and over.....	1 691	586	199	230	344	152	73	22	31	—	54	158
Median age	32.1	68.4	36.5	27.5	29.0	29.2	32.7	36.1	37.4	44.2	54.3	...
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980.....	6 987	376	581	1 461	1 648	1 513	716	251	265	75	101	229
1975 to 1978.....	3 913	431	411	668	996	739	340	106	111	26	85	219
1970 to 1974.....	1 436	321	197	287	289	189	77	27	15	11	23	180
1960 to 1969.....	714	70	95	162	202	89	37	1	13	—	45	202
1959 or earlier.....	295	31	53	65	26	29	2	—	—	—	87	164
ROOMS												
1 room.....	340	182	84	47	20	—	—	—	—	—	7	88
2 rooms.....	1 138	305	296	314	142	40	10	14	—	—	17	139
3 rooms.....	3 518	529	505	1 108	926	292	111	—	5	4	38	181
4 rooms.....	4 445	170	272	744	1 299	1 277	390	122	110	—	61	239
5 rooms.....	2 349	23	128	291	530	671	386	121	117	23	59	262
6 rooms.....	915	14	42	87	162	165	208	59	80	24	74	286
7 or more rooms.....	640	6	10	52	82	114	67	71	92	61	85	310
Median	3.9	2.7	3.1	3.4	3.9	4.2	4.7	5.0	5.2	6.7	5.3	...
PLUMBING FACILITIES BY PERSONS PER ROOM AND POVERTY STATUS IN 1979												
All income levels in 1979												
Complete plumbing for exclusive use	13 345	1 229	1 337	2 643	3 161	2 559	1 172	387	404	112	341	219
0.50 or less.....	12 993	1 084	1 245	2 613	3 102	2 545	1 172	386	404	112	330	221
0.51 to 1.00.....	9 449	963	964	1 989	2 335	1 695	726	211	274	45	247	213
1.01 to 1.50.....	3 252	121	248	572	726	776	420	141	112	67	69	245
1.51 or more.....	252	—	27	40	41	63	21	34	17	—	9	266
Locking complete plumbing for exclusive use.....	352	145	92	30	59	14	—	1	—	—	5	199
0.50 or less.....	214	39	84	30	37	14	—	1	—	—	11	108
0.51 to 1.00.....	138	106	8	—	22	—	—	—	—	—	9	131
1.01 to 1.50.....	—	—	—	—	—	—	—	—	—	—	2	70
1.51 or more.....	—	—	—	—	—	—	—	—	—	—	—	—
Income in 1979 below poverty level	2 665	707	302	513	485	395	92	22	75	5	69	174
Complete plumbing for exclusive use.....	2 550	624	291	506	472	395	92	21	75	5	69	178
1.01 or more persons per room.....	95	—	16	19	21	27	—	—	12	—	—	235
Locking complete plumbing for exclusive use.....	115	83	11	7	13	—	—	1	—	—	—	76
1.01 or more persons per room.....	—	—	—	—	—	—	—	—	—	—	—	—
BEDROOMS												
None.....	658	261	226	144	20	—	—	—	—	—	7	118
1.....	5 123	811	797	1 636	1 278	376	126	26	7	4	62	176
2.....	5 836	139	241	689	1 625	1 863	729	209	199	29	113	254
3.....	1 394	18	61	162	209	271	284	94	135	62	98	287
4.....	279	—	10	9	29	42	32	58	42	17	40	346
5 or more.....	55	—	2	3	—	7	1	—	21	—	21	419
UNITS IN STRUCTURE												
1, detached or attached.....	3 009	51	246	472	493	730	349	191	193	68	216	258
2.....	1 584	37	192	397	297	221	259	76	50	22	33	228
3 and 4.....	1 817	166	282	573	378	290	62	18	25	11	12	184
5 to 9.....	2 066	162	293	612	519	317	88	21	41	—	13	196
10 to 49.....	3 893	572	226	420	1 235	876	354	81	89	—	40	227
50 or more.....	681	241	72	108	140	62	42	—	5	11	—	164
Mobile home or trailer, etc.....	295	—	26	61	99	63	18	—	1	—	27	223
YEAR STRUCTURE BUILT												
1975 to March 1980.....	3 109	314	144	254	725	870	389	145	187	51	30	256
1970 to 1974.....	2 270	334	139	181	730	481	228	59	59	24	35	233
1960 to 1969.....	1 881	157	101	306	616	403	175	35	48	11	29	228
1950 to 1959.....	1 512	84	116	382	357	233	128	56	76	16	64	216
1940 to 1949.....	1 495	33	220	524	285	252	75	27	13	6	60	193
1939 or earlier.....	3 078	307	617	996	448	320	177	65	21	4	123	174
STORIES IN STRUCTURE												
1 to 3.....	12 792	990	1 248	2 531	3 142	2 528	1 143	376	398	101	335	221
4 or more.....	553	239	89	112	19	31	29	11	6	11	6	114
With elevator.....	409	225	41	50	13	23	29	11	6	11	—	83
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979												
Less than 15 percent.....	2 129	186	352	460	504	370	180	18	38	21	...	207
15 to 19 percent.....	2 232	217	238	434	498	495	200	63	70	17	...	220
20 to 24 percent.....	2 207	267	193	406	494	428	216	120	78	5	...	222
25 to 29 percent.....	1 698	230	146	334	419	299	179	35	33	23	...	213
30 to 34 percent.....	949	105	33	206	266	199	76	31	43	10	...	226
35 to 49 percent.....	1 690	113	197	362	382	327	177	74	35	23	...	218
50 percent or more.....	1 872	68	143	391	575	421	137	38	86	13	...	229
Not computed.....	548	43	35	50	23	7	8	21	—	—	341	167
Median	24.6	23.6	21.6	25.0	25.9	24.7	24.7	24.5	25.8	27.8	...	...
SELECTED CHARACTERISTICS												
Heating equipment	13 339	1 229	1 337	2 637	3 161	2 559	1 172	387	404	112	341	219
Central heating system.....	12 820	1 192	1 200	2 514	3 055	2 525	1 142	375	394	112	311	220
Air conditioning	9 170	759	616	1 258	2 536	2 029	972	308	354	103	235	234
Central system.....	2 740	137	92	192	471	587	493	240	314	90	124	287

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)
Owner-occupied housing units	26 117	1 443	2 933	1 769	1 685	4 197	4 743	5 780	2 300	1 267	20 981	23 224	1 261
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families	20 407	522	1 456	1 052	1 152	3 439	4 144	5 300	2 137	1 205	22 909	25 707	615
15 to 24 years	810	28	57	81	86	271	193	78	8	8	18 179	18 199	28
25 to 34 years	5 403	68	123	215	410	1 222	1 490	1 420	317	138	22 028	23 439	112
35 to 44 years	3 998	91	108	106	127	522	846	1 324	556	318	26 128	29 433	148
45 to 64 years	7 510	155	346	293	305	964	1 357	2 285	1 139	666	26 143	29 517	173
65 years and over	2 686	180	822	357	224	460	258	193	117	75	12 388	16 335	154
Male householder, no wife present	1 908	177	383	199	136	316	296	265	84	52	15 802	18 704	117
15 to 24 years	219	13	43	26	22	56	54	5	—	—	15 353	14 813	25
25 to 34 years	596	25	59	61	80	130	87	102	33	19	17 585	20 021	17
35 to 44 years	412	17	16	12	19	44	67	20	12	5	19 444	20 361	17
45 to 64 years	469	99	214	52	9	63	71	103	25	15	20 588	21 801	17
65 years and over	469	99	214	48	6	23	17	35	14	13	7 547	12 835	43
Female householder, no husband present	3 802	744	1 094	518	397	442	303	215	79	10	10 304	12 163	529
15 to 24 years	142	2	10	10	20	17	31	5	6	—	13 500	15 034	2
25 to 34 years	458	25	96	101	89	65	41	30	11	—	12 697	13 922	55
35 to 44 years	431	24	87	73	55	80	57	40	13	2	13 932	16 140	44
45 to 64 years	1 192	161	302	182	129	185	124	78	27	4	11 827	13 499	142
65 years and over	1 579	532	558	152	104	95	52	62	22	4	7 037	9 301	286
Median age	46.7	68.2	66.5	54.3	41.1	39.5	39.9	44.0	47.7	47.6	...	...	58.8
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980	3 866	137	347	279	330	745	809	788	256	175	20 503	22 773	162
1975 to 1978	8 261	236	477	432	549	1 555	1 807	2 100	734	371	22 186	24 357	269
1970 to 1974	4 079	209	431	243	278	603	749	939	398	229	21 705	24 394	216
1960 to 1969	4 881	291	567	331	195	574	785	1 200	632	306	22 607	25 132	208
1959 or earlier	5 030	570	1 111	484	333	720	593	753	280	186	15 106	18 907	406
SELECTED CHARACTERISTICS													
Complete plumbing for exclusive use	26 005	1 401	2 906	1 760	1 683	4 186	4 740	5 764	2 300	1 265	21 014	23 273	1 220
1.01 or more persons per room	402	29	25	7	40	85	63	124	20	9	20 962	21 741	50
Lacking complete plumbing for exclusive use	112	42	27	9	2	11	3	16	—	2	7 188	11 773	41
1.01 or more persons per room	3	3	—	—	—	—	—	—	—	—	2500—	—3 085	3
Heating equipment	26 115	1 441	2 933	1 769	1 685	4 197	4 743	5 780	2 300	1 267	20 982	23 226	1 259
Central heating system	25 141	1 252	2 671	1 671	1 615	4 069	4 635	5 703	2 272	1 253	21 255	23 599	1 086
Air conditioning	21 102	858	2 109	1 249	1 198	3 273	3 991	5 108	2 112	1 204	22 125	24 765	795
Central system	13 735	417	917	618	641	1 859	2 584	3 869	1 769	1 061	24 648	27 740	393
Vehicles available	25 395	1 089	2 715	1 682	1 678	4 168	4 733	5 770	2 300	1 260	21 301	23 676	1 054
1	6 406	629	1 638	829	679	1 104	679	635	142	71	12 894	15 215	501
2 or more	18 989	460	1 077	853	999	3 064	4 054	5 135	2 158	1 189	23 628	26 530	553
House heating fuel	26 115	1 441	2 933	1 769	1 685	4 197	4 743	5 780	2 300	1 267	20 982	23 226	1 259
Utility gas	20 274	977	2 161	1 316	1 307	3 271	3 730	4 599	1 845	1 068	21 319	23 865	805
Battled, tank, or LP gas	1 729	106	216	175	132	322	286	321	116	55	18 374	20 604	125
Electricity	1 483	79	127	87	52	209	289	393	176	71	23 373	25 004	73
Fuel oil, kerosene, etc.	2 339	259	364	169	164	347	390	427	150	69	18 114	19 248	224
Other	290	20	65	22	30	48	48	40	13	4	15 714	17 189	32
Median rooms	5.9	5.0	5.1	5.3	5.4	5.6	6.0	6.4	6.8	7.9	...	...	5.3
Specified owner-occupied housing units	21 178	1 071	2 132	1 259	1 280	3 395	3 999	4 978	2 011	1 053	21 649	23 922	864
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS													
With a mortgage	14 572	344	670	762	827	2 446	3 132	4 020	1 583	788	23 420	26 056	400
Less than \$200	685	69	116	61	53	126	96	116	42	6	16 320	18 099	66
\$200 to \$249	1 521	48	119	188	98	211	315	400	129	13	21 264	21 563	65
\$250 to \$299	1 700	41	115	180	152	328	308	393	155	28	20 556	21 796	51
\$300 to \$349	2 185	68	68	148	196	548	498	400	216	43	20 534	22 357	71
\$350 to \$399	2 012	24	82	86	176	422	473	551	126	72	21 772	24 093	50
\$400 to \$499	3 128	62	109	61	532	831	973	362	114	24 020	25 871	49	
\$500 to \$599	1 725	12	24	16	41	211	404	629	216	172	25 893	31 569	22
\$600 to \$749	1 084	9	37	22	22	62	152	402	236	142	28 879	34 775	15
\$750 or more	532	11	—	—	5	—	55	156	101	198	31 141	50 833	11
Median	\$380	\$310	\$293	\$287	\$328	\$351	\$387	\$415	\$432	\$569	...	...	\$313
Not mortgaged	6 606	727	1 462	497	453	949	867	958	428	265	15 768	19 214	464
Less than \$50	21	6	7	—	—	—	8	—	—	—	6 607	10 745	6
\$50 to \$74	181	62	91	12	5	9	—	—	—	2	7 633	8 273	47
\$75 to \$99	874	193	260	85	94	102	81	42	12	5	9 730	12 004	127
\$100 to \$124	1 600	208	510	114	130	230	177	170	42	19	11 798	14 464	73
\$125 to \$149	1 487	112	322	149	106	250	218	240	86	4	15 927	17 143	97
\$150 to \$199	1 679	101	208	115	90	285	278	362	165	75	20 830	21 805	84
\$200 to \$249	445	24	44	18	26	44	67	88	72	62	24 940	29 255	9
\$250 or more	319	21	20	4	2	29	38	56	51	98	32 201	51 568	21
Median	\$136	\$112	\$118	\$131	\$125	\$138	\$144	\$154	\$172	\$222	...	...	\$118
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
With a mortgage	14 572	344	670	762	827	2 446	3 132	4 020	1 583	788	23 420	26 056	400
Less than 15 percent	3 627	—	3	10	13	162	530	1 311	977	621	32 864	39 646	—
15 to 19 percent	3 085	—	15	37	74	410	803	1 259	358	129	26 308	27 848	—
20 to 24 percent	2 971	—	29	121	179	724	890	819	184	25	22 063	23 265	7
25 to 29 percent	1 933	—	80	203	221	488	496	382	50	13	19 735	20 145	2
30 to 34 percent	1 196	—	77	138	167	346	288	180	—	—	17 833	18 276	6
35 percent or more	1 707	291	466	253	173	316	125	69	14	—	10 954	11 861	332
Not computed	53	53	—	—	—	—	—	—	—	—	2500—	—3 397	53

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	Medion (dollars)	Meon (dollars)	
Renter-occupied housing units	13 937	3 073	3 646	1 827	1 204	1 833	1 241	757	230	126	10 341	12 215	2 788
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families	4 125	290	810	493	494	795	647	404	146	46	14 876	16 395	388
15 to 24 years	812	43	219	88	171	151	103	33	4	—	13 319	13 506	67
25 to 34 years	1 289	83	173	139	143	360	236	125	25	5	16 286	16 570	133
35 to 44 years	450	5	52	48	53	72	116	57	24	23	19 643	21 465	38
45 to 64 years	917	45	96	137	71	131	170	167	62	18	19 119	20 347	57
65 years and over	657	114	270	81	56	81	22	11	—	—	9 050	10 337	93
Male householder, no wife present	3 475	737	779	577	268	472	340	206	60	36	10 960	12 668	643
15 to 24 years	1 267	245	333	215	125	169	81	72	20	7	10 645	11 909	284
25 to 34 years	1 062	124	186	236	95	174	143	76	18	10	12 341	14 654	112
35 to 44 years	355	70	46	51	16	56	80	17	7	12	14 141	15 076	66
45 to 64 years	519	166	91	63	32	71	36	38	15	7	10 099	12 499	115
65 years and over	272	132	123	12	—	2	—	3	—	—	5 105	5 625	76
Female householder, no husband present	6 337	2 046	2 057	757	442	566	254	147	24	44	7 621	9 246	1 757
15 to 24 years	1 764	399	717	199	111	179	92	46	18	3	8 289	9 848	473
25 to 34 years	1 489	353	499	240	124	155	89	17	6	6	9 104	9 903	411
35 to 44 years	424	103	154	65	25	59	10	8	—	—	8 722	9 416	121
45 to 64 years	953	264	238	155	101	104	43	37	—	11	9 241	10 321	219
65 years and over	1 707	927	449	98	61	69	20	39	—	24	4 738	7 410	533
Median age	32.3	52.6	29.9	29.6	29.6	30.4	30.7	36.2	42.3	44.2	...	...	32.9
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980	7 150	1 435	2 002	930	668	968	635	363	93	56	10 371	12 019	1 560
1975 to 1978	4 085	895	967	610	336	546	406	225	73	27	10 740	12 430	710
1970 to 1974	1 523	448	374	168	86	213	114	67	28	25	9 136	11 855	330
1960 to 1969	771	166	206	70	85	81	64	62	23	14	10 482	13 735	118
1959 or earlier	408	129	97	49	29	25	22	40	13	4	8 382	11 979	70
PLUMBING FACILITIES BY PERSONS PER ROOM													
Complete plumbing for exclusive use	13 561	2 922	3 506	1 813	1 190	1 794	1 223	757	230	126	10 486	12 350	2 669
0.50 or less	9 810	2 331	2 611	1 406	789	1 208	785	460	118	102	9 928	11 706	1 803
0.51 to 1.00	3 439	550	808	353	390	544	405	259	107	23	12 554	14 027	761
1.01 to 1.50	269	41	71	49	6	31	27	38	5	—	11 148	14 238	89
1.51 or more	43	—	16	5	5	11	6	—	—	—	12 750	13 500	16
Locking complete plumbing for exclusive use	376	151	140	14	14	39	18	—	—	—	6 076	7 346	119
0.50 or less	232	68	109	4	14	28	9	—	—	—	6 714	8 150	52
0.51 to 1.00	144	83	31	10	—	11	9	—	—	—	3 750	6 051	67
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—	—	—	—
1.51 or more	—	—	—	—	—	—	—	—	—	—	—	—	—
SELECTED CHARACTERISTICS													
Heating equipment	13 931	3 067	3 646	1 827	1 204	1 833	1 241	757	230	126	10 346	12 220	2 782
Central heating system	13 289	2 900	3 502	1 768	1 150	1 714	1 188	728	228	111	10 343	12 212	2 618
Air conditioning	9 460	1 790	2 329	1 298	839	1 329	956	653	169	97	11 177	13 070	1 548
Central system	2 822	461	569	310	193	464	372	321	60	72	13 420	15 610	411
Vehicles available	11 824	1 755	3 111	1 745	1 134	1 789	1 207	742	230	111	11 499	13 351	1 880
1	6 854	1 366	2 361	1 123	630	788	346	140	46	54	9 382	10 626	1 282
2 or more	4 970	389	750	622	504	1 001	861	602	184	57	16 028	17 110	598
House heating fuel	13 931	3 067	3 646	1 827	1 204	1 833	1 241	757	230	126	10 346	12 220	2 782
Utility gas	11 011	2 299	3 009	1 434	988	1 413	958	619	182	109	10 344	12 321	2 061
Bottled, tank, or LP gas	564	104	113	62	51	112	77	40	2	3	12 647	13 517	118
Electricity	1 470	465	350	213	99	187	76	44	26	10	8 667	10 461	378
Fuel oil, kerosene, etc.	730	138	160	105	36	102	118	49	20	2	11 595	13 499	164
Other	156	61	14	13	30	19	12	5	—	2	10 577	10 965	61
Median rooms	3.9	3.3	3.8	3.8	4.1	4.2	4.5	4.4	4.8	4.5	...	...	3.7
Specified renter-occupied housing units	13 345	2 987	3 547	1 737	1 161	1 735	1 151	725	194	108	10 199	12 023	2 665
CONTRACT RENT													
Less than \$100	1 737	1 160	352	39	63	57	31	14	6	15	4 066	5 976	841
\$100 to \$149	1 906	460	675	301	121	168	110	46	11	14	8 080	10 157	386
\$150 to \$199	3 402	627	1 226	556	308	406	154	93	25	7	9 379	10 429	633
\$200 to \$249	3 298	468	728	542	424	479	365	226	54	12	12 089	13 451	464
\$250 to \$299	1 812	112	318	220	196	418	320	165	57	6	15 577	16 287	196
\$300 to \$349	429	14	108	26	21	92	65	87	6	10	17 527	18 589	29
\$350 to \$399	229	34	19	24	11	23	33	57	7	21	20 795	21 598	28
\$400 to \$499	165	20	18	—	5	56	23	10	23	10	18 578	21 009	19
\$500 or more	26	—	—	—	—	—	—	—	10	5	11 37 688	40 580	—
No cash rent	341	92	103	29	12	36	50	17	—	2	8 996	11 491	69
Median	\$190	\$133	\$176	\$196	\$210	\$221	\$236	\$245	\$251	\$296	...	...	\$154
GROSS RENT													
Less than \$100	1 229	993	160	22	11	15	7	—	6	15	3 598	4 853	707
\$100 to \$149	1 337	409	512	175	78	94	41	9	5	14	7 093	8 929	302
\$150 to \$199	2 643	583	1 000	411	220	251	98	55	18	7	8 627	9 697	513
\$200 to \$249	3 161	512	930	532	345	411	255	138	32	6	10 651	11 755	485
\$250 to \$299	2 559	277	523	381	297	480	360	203	32	6	13 329	14 284	395
\$300 to \$349	1 172	45	214	120	153	266	142	182	44	6	15 839	17 372	92
\$350 to \$399	387	22	47	51	20	86	112	33	16	—	18 234	17 740	22
\$400 to \$499	404	48	51	16	22	71	68	78	23	27	19 593	21 777	75
\$500 or more	112	6	7	—	3	25	18	10	18	25	22 085	29 211	5
No cash rent	341	92	103	29	12	36	50	17	—	2	8 996	11 491	69
Median	\$219	\$154	\$202	\$220	\$238	\$258	\$270	\$291	\$305	\$342	...	...	\$174
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
Less than 15 percent	2 129	19	101	123	140	413	530	537	164	102	22 925	24 347	46
15 to 19 percent	2 232	154	251	303	321	630	403	141	25	4	15 643	15 718	105
20 to 24 percent	2 207	261	415	491	414	461	140	140	5	—	12 177	12 178	168
25 to 29 percent	1 698	252	676	415	211	111	23	10	—	—	9 550	9 595	207
30 to 34 percent	969	121	511	235	38	59	5	—	—	—	8 733	8 663	134
35 to 49 percent	1 690	448	1 059	133	25	25	—	—	—	—	6 541	6 714	389
50 percent or more	1 872	1 433	431	8	—	—	—	—	—	—	3 591	3 621	1 340
Not computed	548	299	103	29	12	36	50	17	—	2	4 094	7 018	276
Median	24.6	50+	32.7	24.4	21.4	18.5	15.3	12.9	10—	10—	...	...	50+

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 appendices A and B.]

The SMSA											
	Total	Less than \$200	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 to \$599	\$600 to \$749	\$750 or more	Median (dollars)
Specified owner-occupied housing units -----	14 572	685	1 521	1 700	2 185	2 012	3 128	1 725	1 084	532	380
PERSONS IN UNIT											
1 person -----	904	118	170	109	135	97	142	79	33	21	320
2 persons -----	3 493	240	405	388	500	496	781	373	242	68	372
3 persons -----	3 186	139	285	335	602	419	691	453	179	83	378
4 persons -----	4 057	104	369	518	595	587	944	475	296	169	388
5 persons -----	1 864	50	197	213	218	262	357	241	207	119	398
6 persons -----	733	19	57	95	97	103	141	70	84	67	398
7 persons -----	248	13	33	30	28	41	44	28	27	4	374
8 or more persons -----	87	2	5	12	10	7	28	6	16	1	414
Median -----	3.41	2.44	3.15	3.53	3.26	3.49	3.43	3.41	3.80	4.06	...
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER											
Married-couple families -----	12 510	438	1 169	1 374	1 854	1 721	2 848	1 602	1 011	493	391
15 to 24 years -----	628	9	32	59	165	142	153	41	21	6	367
25 to 34 years -----	4 555	47	165	334	718	789	1 269	740	364	129	418
35 to 44 years -----	3 163	58	297	314	351	373	759	428	349	234	424
45 to 64 years -----	3 845	271	595	615	586	399	621	388	246	124	338
65 years and over -----	319	53	80	52	34	18	46	5	31	-	275
Male householder, no wife present -----	786	76	100	92	114	109	159	78	38	20	355
15 to 24 years -----	119	-	-	18	37	26	11	10	-	-	333
25 to 34 years -----	415	15	46	26	46	72	120	46	38	6	402
35 to 44 years -----	85	6	22	21	20	-	10	6	-	-	285
45 to 64 years -----	118	29	11	19	9	11	9	16	-	14	300
65 years and over -----	49	9	21	8	2	-	9	-	-	-	237
Female householder, no husband present -----	1 276	171	252	234	217	182	121	45	35	19	296
15 to 24 years -----	52	-	-	7	13	17	11	-	-	4	368
25 to 34 years -----	329	19	32	23	105	68	43	19	18	2	343
35 to 44 years -----	323	11	56	95	31	54	26	20	7	13	300
45 to 64 years -----	453	101	133	97	49	33	26	6	8	-	247
65 years and over -----	119	40	31	12	19	-	15	-	2	-	231
Median age -----	38.1	54.3	47.8	43.9	35.2	33.7	34.7	35.1	37.9	38.7	...
YEAR HOUSEHOLDER MOVED INTO UNIT											
1979 to March 1980 -----	2 805	32	59	142	374	368	770	513	363	184	458
1975 to 1978 -----	6 139	87	203	420	884	1 097	1 656	967	559	266	422
1970 to 1974 -----	2 545	143	328	501	503	312	446	168	109	35	330
1960 to 1969 -----	2 549	338	740	571	347	209	200	70	39	35	267
1959 or earlier -----	534	85	191	66	77	26	56	7	14	12	248
ROOMS											
1 to 3 rooms -----	103	29	7	22	32	6	2	5	-	-	285
4 rooms -----	1 139	203	200	145	245	127	185	19	11	4	304
5 rooms -----	3 209	232	493	508	611	603	603	241	59	25	330
6 rooms -----	3 344	98	392	479	544	496	745	333	205	52	366
7 rooms -----	2 875	73	258	308	367	518	671	398	200	82	392
8 or more rooms -----	3 902	50	171	238	386	428	922	729	609	369	476
Median -----	6.3	5.0	5.7	5.9	5.9	6.4	6.5	7.2	7.8	8.5+	...
YEAR STRUCTURE BUILT											
1975 to March 1980 -----	3 244	5	42	96	289	412	885	727	486	302	488
1970 to 1974 -----	1 637	-	44	138	251	279	439	267	177	42	421
1960 to 1969 -----	2 750	92	261	405	370	379	661	297	190	95	383
1950 to 1959 -----	2 924	189	407	458	589	361	579	198	109	34	335
1940 to 1949 -----	1 310	118	293	150	226	236	152	85	27	23	321
1939 or earlier -----	2 707	281	474	453	460	345	412	151	95	36	316
VALUE											
Less than \$10,000 -----	39	30	4	5	-	-	-	-	-	-	171
\$10,000 to \$19,999 -----	235	109	50	35	30	2	7	2	-	-	208
\$20,000 to \$29,999 -----	870	166	205	259	157	32	45	6	-	-	262
\$30,000 to \$39,999 -----	2 149	203	555	393	501	306	162	25	4	-	290
\$40,000 to \$49,999 -----	3 903	136	528	489	793	798	925	189	37	8	350
\$50,000 to \$59,999 -----	2 941	33	143	376	420	426	903	481	127	32	408
\$60,000 to \$79,999 -----	2 803	2	34	138	247	375	743	678	517	69	484
\$80,000 to \$99,999 -----	978	6	2	2	20	59	295	234	228	132	545
\$100,000 to \$149,999 -----	527	-	-	3	11	12	48	103	136	214	695
\$150,000 or more -----	127	-	-	-	6	2	-	7	35	77	750+
Median -----	\$50 200	\$31 600	\$39 200	\$42 800	\$44 200	\$48 200	\$53 700	\$63 900	\$74 200	\$103 900	...
SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979											
Less than 15 percent -----	3 627	394	907	692	520	325	388	228	98	75	287
15 to 19 percent -----	3 085	110	194	387	636	582	699	241	151	85	369
20 to 24 percent -----	2 971	43	172	247	439	509	888	399	212	62	408
25 to 29 percent -----	1 933	38	123	160	280	190	491	362	198	91	441
30 to 34 percent -----	1 196	29	30	68	114	189	259	243	199	65	470
35 percent or more -----	1 707	63	78	146	193	208	396	244	225	154	445
Not computed -----	53	8	17	-	3	9	7	8	1	-	325
Median -----	20.9	13.3	13.7	17.0	19.5	20.9	22.7	24.9	27.0	27.4	...
SELECTED CHARACTERISTICS											
Heating equipment -----	14 572	685	1 521	1 700	2 185	2 012	3 128	1 725	1 084	532	380
Steam or hot water system -----	508	20	56	62	75	75	103	48	42	27	377
Control warm-air furnace or electric heat pump -----	13 448	594	1 380	1 552	2 010	1 863	2 897	1 642	1 021	489	382
Other built-in electric units -----	220	6	15	21	31	24	67	29	18	9	424
Floor, wall, or pipeless furnace -----	97	4	15	26	25	13	14	-	-	-	307
Other means -----	299	61	55	39	44	37	47	6	3	7	293
Air conditioning -----	12 235	474	1 271	1 416	1 632	1 664	2 594	1 633	1 032	519	390
Control system -----	8 738	187	513	753	993	1 180	2 124	1 501	974	493	432
1 or more individual room units -----	3 497	287	758	643	639	484	470	132	58	26	305
House heating fuel -----	14 572	685	1 521	1 700	2 185	2 012	3 128	1 725	1 084	532	380
Utility gas -----	12 025	573	1 334	1 700	2 185	2 012	3 128	1 725	1 084	532	380
Bottled, tank, or LP gas -----	815	33	48	190	136	120	177	105	43	23	375
Electricity -----	3 497	11	24	47	67	91	216	203	139	61	487
Fuel oil, kerosene, etc. -----	725	36	95	142	107	109	135	49	37	15	342
Other -----	148	32	20	19	19	30	17	4	3	4	308

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

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

The SMSA

	Total	Less than \$50	\$50 to \$74	\$75 to \$99	\$100 to \$124	\$125 to \$149	\$150 to \$199	\$200 to \$249	\$250 or more	Median (dollars)
Specified owner-occupied housing units -----	6 606	21	181	874	1 600	1 487	1 679	445	319	136
PERSONS IN UNIT										
1 person -----	1 688	21	94	406	480	363	237	44	43	117
2 persons -----	3 293	—	71	395	881	775	842	195	134	135
3 persons -----	921	—	6	55	130	208	347	113	62	159
4 persons -----	369	—	4	11	53	86	132	56	27	162
5 persons -----	208	—	—	—	47	15	81	22	43	176
6 persons -----	80	—	—	7	—	31	31	9	2	153
7 persons -----	23	—	—	—	2	7	8	—	6	166
8 or more persons -----	24	—	6	—	7	2	1	6	2	121
Median -----	1.99	1.00	1.46	1.58	1.86	1.99	2.22	2.42	2.37	...
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER										
Married-couple families -----	4 327	—	85	378	1 019	1 004	1 247	350	244	142
15 to 24 years -----	8	—	—	—	4	—	4	—	—	137
25 to 34 years -----	145	—	—	25	29	28	40	18	5	142
35 to 44 years -----	200	—	8	15	33	42	55	28	19	152
45 to 64 years -----	2 227	—	11	175	456	495	739	199	152	149
65 years and over -----	1 747	—	66	163	497	439	409	105	68	133
Male householder, no wife present -----	509	17	39	112	108	109	97	12	15	120
15 to 24 years -----	16	—	—	—	7	—	1	—	—	87
25 to 34 years -----	25	—	8	—	12	3	2	—	—	109
35 to 44 years -----	30	—	9	10	9	2	—	—	—	90
45 to 64 years -----	141	—	4	27	14	22	54	8	5	146
65 years and over -----	297	7	18	75	73	75	40	4	10	118
Female householder, no husband present -----	1 770	4	57	384	473	374	335	83	60	123
15 to 24 years -----	16	—	—	1	—	7	8	—	—	150
25 to 34 years -----	25	—	—	—	—	12	13	—	—	152
35 to 44 years -----	27	—	—	—	10	—	—	17	—	210
45 to 64 years -----	500	—	16	75	92	133	137	17	30	138
65 years and over -----	1 202	4	41	308	371	222	177	49	30	117
Median age -----	64.7	56.8	70.7	70.2	67.8	64.8	61.2	61.3	59.1	...
YEAR HOUSEHOLDER MOVED INTO UNIT										
1979 to March 1980 -----	229	—	2	25	44	35	99	16	8	154
1975 to 1978 -----	676	15	6	62	97	128	217	102	49	157
1970 to 1974 -----	641	4	33	58	171	130	152	59	34	135
1960 to 1969 -----	1 615	—	52	130	365	348	458	133	129	144
1959 or earlier -----	3 445	2	88	599	923	846	753	135	99	128
ROOMS										
1 to 3 rooms -----	191	9	36	59	47	28	12	—	—	96
4 rooms -----	1 455	12	72	350	511	280	190	27	13	114
5 rooms -----	2 014	—	40	303	535	555	447	104	30	131
6 rooms -----	1 534	—	23	117	342	401	520	92	39	143
7 rooms -----	707	—	2	29	116	143	277	68	72	161
8 or more rooms -----	705	—	8	16	49	80	233	154	165	193
Median -----	5.3	3.6	4.3	4.6	5.0	5.3	5.9	6.5	7.6	...
YEAR STRUCTURE BUILT										
1975 to March 1980 -----	230	—	2	16	1	32	89	49	41	186
1970 to 1974 -----	205	—	—	6	4	51	83	36	25	175
1960 to 1969 -----	888	—	9	32	92	139	396	124	96	172
1950 to 1959 -----	1 793	19	6	105	401	492	537	147	86	144
1940 to 1949 -----	1 123	—	19	188	334	287	241	40	14	127
1939 or earlier -----	2 367	2	145	527	768	486	333	49	57	117
VALUE										
Less than \$10,000 -----	138	6	44	51	17	14	5	—	1	84
\$10,000 to \$19,999 -----	636	—	58	223	214	71	43	12	15	104
\$20,000 to \$29,999 -----	1 208	8	48	343	450	189	147	13	10	111
\$30,000 to \$39,999 -----	1 377	7	29	176	550	400	199	16	—	122
\$40,000 to \$49,999 -----	1 414	—	—	47	305	554	445	42	21	141
\$50,000 to \$59,999 -----	800	—	—	9	55	161	487	76	12	168
\$60,000 to \$79,999 -----	627	—	2	20	9	70	317	162	47	184
\$80,000 to \$99,999 -----	207	—	—	—	—	20	25	84	78	235
\$100,000 to \$149,999 -----	147	—	—	5	—	8	11	36	87	250+
\$150,000 or more -----	52	—	—	—	—	—	—	4	48	250+
Median -----	\$39 600	\$21 400	\$18 200	\$23 400	\$32 300	\$41 200	\$50 000	\$64 700	\$93 700	...
SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979										
Less than 10 percent -----	2 926	15	59	374	680	668	796	199	135	138
10 to 14 percent -----	1 358	—	50	191	237	316	394	100	70	141
15 to 19 percent -----	845	2	25	99	257	195	177	39	51	130
20 to 24 percent -----	468	4	24	32	174	112	76	28	18	125
25 to 29 percent -----	285	—	9	85	69	46	58	18	—	118
30 to 34 percent -----	200	—	4	36	72	38	43	7	—	121
35 percent or more -----	494	—	10	42	109	112	129	47	45	144
Not computed -----	30	—	—	15	2	—	6	7	—	100
Median -----	11.3	10	13.1	11.5	12.5	11.2	10.5	11.0	11.7	...
SELECTED CHARACTERISTICS										
Heating equipment -----	6 606	21	181	874	1 600	1 487	1 679	445	319	136
Steam or hot water system -----	301	—	—	7	112	22	87	32	41	155
Control warm-air furnace or electric heat pump -----	5 705	15	83	698	1 364	1 357	1 531	386	271	138
Other built-in electric units -----	80	4	—	18	13	10	15	18	2	138
Floor, wall, or pipeless furnace -----	164	—	27	66	45	21	2	2	1	96
Other means -----	356	2	71	85	66	77	44	7	4	108
Air conditioning -----	5 269	7	82	560	1 195	1 238	1 480	402	305	141
Control system -----	3 035	—	11	114	487	712	1 091	355	265	159
1 or more individual room units -----	2 234	7	71	446	708	526	389	47	40	121
House heating fuel -----	6 606	21	181	874	1 600	1 487	1 679	445	319	136
Utility gas -----	5 613	8	140	795	1 430	1 300	1 356	317	267	133
Bottled, tank, or LP gas -----	175	2	—	9	18	47	67	17	15	159
Electricity -----	161	4	—	24	14	19	37	47	16	176
Fuel oil, kerosene, etc. -----	611	7	25	37	128	116	217	62	19	148
Other -----	46	—	16	9	10	5	2	2	2	94

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

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

The SMSA	Owner-occupied housing units						Renter-occupied housing units					
	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier
Occupied housing units	26 117	4 364	2 824	4 373	7 914	6 642	13 937	3 130	2 278	1 902	3 139	3 488
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER												
Married-couple families	20 407	3 865	2 340	3 547	5 970	4 685	4 125	922	641	540	950	1 072
15 to 24 years	810	297	87	68	176	182	812	230	129	106	203	144
25 to 34 years	5 403	1 763	810	630	1 303	897	1 289	286	202	191	357	253
35 to 44 years	3 998	888	609	808	966	727	450	76	46	27	134	167
45 to 64 years	7 510	784	662	1 722	2 500	1 842	917	152	142	140	184	299
65 years and over	2 686	133	172	319	1 025	1 037	657	178	122	76	72	209
Male householder, no wife present	1 908	218	223	306	588	573	3 475	715	446	369	907	1 038
15 to 24 years	219	37	51	42	67	22	1 267	240	136	151	402	338
25 to 34 years	596	117	73	86	177	143	1 062	294	93	99	291	285
35 to 44 years	212	28	33	36	75	40	355	53	74	27	69	132
45 to 64 years	412	20	46	100	124	122	519	57	99	52	96	215
65 years and over	469	16	20	42	145	246	272	71	44	40	49	68
Female householder, no husband present	3 802	281	261	520	1 356	1 384	6 337	1 493	1 191	993	1 282	1 378
15 to 24 years	142	47	26	21	37	11	1 764	364	268	290	477	365
25 to 34 years	458	94	54	49	153	108	1 489	341	275	212	342	319
35 to 44 years	431	89	72	76	115	79	424	86	133	45	84	76
45 to 64 years	1 192	40	91	248	444	369	953	292	142	122	127	270
65 years and over	1 579	11	18	126	607	817	1 707	410	373	324	252	348
Median age	46.7	34.1	39.5	47.9	51.9	55.5	32.3	31.9	36.3	31.4	29.1	35.9
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980	3 866	1 558	482	445	787	594	7 150	2 060	1 018	895	1 669	1 508
1975 to 1978	8 261	2 806	977	1 143	1 866	1 469	4 085	1 070	760	547	761	947
1970 to 1974	4 079	-	1 365	736	1 134	844	1 523	-	500	268	326	429
1960 to 1969	4 881	-	-	2 049	1 579	1 253	771	-	-	192	260	315
1959 or earlier	5 030	-	-	-	2 548	2 482	408	-	-	-	123	285
ROOMS												
1 room	28	2	3	2	-	21	340	17	66	40	93	124
2 rooms	86	-	6	40	23	17	1 140	230	180	102	223	405
3 rooms	410	11	42	66	156	135	3 532	847	628	509	725	823
4 rooms	3 656	486	414	413	1 484	859	4 523	1 242	837	777	1 019	648
5 rooms	6 526	1 102	787	1 041	2 267	1 329	2 474	576	408	295	544	651
6 rooms	5 675	973	417	852	1 853	1 580	1 020	139	116	141	261	363
7 or more rooms	9 736	1 790	1 155	1 959	2 131	2 701	908	79	43	38	274	474
Median	5.9	6.1	5.9	6.2	5.5	6.1	3.9	3.9	3.8	3.9	4.0	4.1
PLUMBING FACILITIES BY PERSONS PER ROOM												
Complete plumbing for exclusive use	26 005	4 362	2 821	4 371	7 901	6 550	13 561	3 121	2 257	1 871	3 027	3 285
0.50 or less	16 803	2 423	1 662	2 690	5 317	4 711	9 810	2 425	1 576	1 332	2 125	2 352
0.51 to 1.00	8 800	1 876	1 103	1 608	2 482	1 731	3 439	669	614	503	811	842
1.01 to 1.50	353	63	53	80	92	60	269	25	56	30	81	77
1.51 or more	49	-	3	8	22	16	43	2	11	6	10	14
Lacking complete plumbing for exclusive use	112	2	2	2	13	92	376	9	21	31	112	203
0.50 or less	89	-	-	2	8	79	232	7	14	13	78	120
0.51 to 1.00	20	2	-	-	5	13	144	2	7	18	34	83
1.01 to 1.50	3	-	3	-	-	-	-	-	-	-	-	-
1.51 or more	-	-	-	-	-	-	-	-	-	-	-	-
PERSONS IN UNIT												
1 person	3 433	220	251	455	1 244	1 263	6 508	1 477	1 041	894	1 415	1 681
2 persons	8 575	1 111	772	1 283	3 005	2 404	4 206	1 124	729	567	888	898
3 persons	5 022	1 041	558	867	1 416	1 140	1 636	349	270	201	386	430
4 persons	5 154	1 248	699	914	1 357	936	869	117	143	145	256	208
5 persons	2 511	517	399	544	562	489	418	46	51	60	137	124
6 or more persons	1 422	227	145	310	330	410	300	17	44	35	57	147
Median	2.71	3.32	3.20	3.02	2.40	2.36	1.61	1.58	1.63	1.60	1.67	1.57
Total persons	78 351	14 714	9 309	13 835	21 764	18 729	27 135	5 554	4 418	3 726	6 436	7 001
UNITS IN STRUCTURE												
1, detached or attached	23 821	3 763	2 031	3 948	7 725	6 354	3 601	181	217	315	1 326	1 562
2	381	57	32	56	99	137	1 584	244	72	197	577	494
3 and 4	164	18	9	11	35	91	1 817	314	242	200	441	620
5 to 9	95	40	6	6	1	42	2 066	549	262	321	383	551
10 to 49	93	36	27	9	17	4	3 893	1 511	1 208	608	367	199
50 or more	6	-	-	-	-	6	681	286	195	119	22	59
Mobile home or trailer, etc.	1 557	450	719	343	37	8	295	45	82	142	23	3
SELECTED CHARACTERISTICS												
Heating equipment	26 115	4 362	2 824	4 373	7 914	6 642	13 931	3 130	2 278	1 902	3 133	3 488
Steam or hot water system	1 090	84	42	244	312	408	4 405	1 526	1 016	663	563	637
Central warm-air furnace or electric heat pump	23 187	4 080	2 647	3 910	7 204	5 346	7 787	1 133	1 069	999	2 228	2 358
Other built-in electric units	517	126	68	97	75	151	871	422	147	163	78	61
Floor, wall, or pipeless furnace	347	4	6	35	103	199	226	12	12	8	96	98
Other means	974	68	61	87	220	538	642	37	34	69	168	334
Air conditioning	21 102	3 523	2 432	3 920	6 856	4 371	9 460	3 048	1 985	1 499	1 547	1 381
Central system	13 735	3 253	1 924	2 908	4 271	1 379	2 822	1 055	762	409	385	211
1 or more individual room units	7 367	270	508	1 012	2 585	2 992	6 638	1 993	1 223	1 090	1 162	1 170
House heating fuel	26 115	4 362	2 824	4 373	7 914	6 642	13 931	3 130	2 278	1 902	3 133	3 488
Utility gas	20 274	2 888	2 115	3 573	6 975	4 723	11 011	2 328	1 833	1 533	2 558	2 759
Battled, tank, or LP gas	1 729	539	325	263	213	389	564	62	129	69	171	133
Electricity	1 483	767	200	174	124	218	1 470	667	249	240	181	133
Fuel oil, kerosene, etc.	2 339	120	156	338	555	1 170	730	43	24	53	205	405
Other	290	48	28	25	7	47	156	30	43	7	18	58
Income in 1979 below poverty level	1 261	123	156	93	395	494	2 788	588	546	387	494	773
Percent below poverty level	4.8	2.8	5.5	2.1	5.0	7.4	20.0	18.8	24.0	20.3	15.7	22.2
HOUSEHOLD INCOME IN 1979												
Less than \$5,000	1 443	108	125	123	463	624	3 073	663	624	393	503	890
\$5,000 to \$9,999	2 933	157	278	315	881	1 302	3 646	791	549	418	867	1 021
\$10,000 to \$12,499	1 769	230	163	229	595	552	1 827	363	200	351	474	439
\$12,500 to \$14,999	1 685	278	215	234	447	511	1 204	288	145	169	372	230
\$15,000 to \$19,999	4 197	762	402	561	1 416	1 056	1 833	309	345	250	420	419
\$20,000 to \$24,999	4 743	873	584	793	1 564	929	1 241	307	225	184	285	240
\$25,000 to \$34,999	5 780	1 172	680	1 229	1 611	1 088	757	233	142	97	166	119
\$35,000 to \$49,999	2 300	499	225	524	647	405	230	46	31	40	33	80
\$50,000 or more	1 267	285	152	365	290	175	126	40	17	19	50	50
Median	\$20 981	\$23 695	\$21 491	\$24 548	\$20 459	\$16 557	\$10 341	\$10 764	\$9 667	\$10 997	\$11 052	\$9 160
Mean	\$23 224	\$26 809	\$23 928	\$27 749	\$22 240	\$18 762	\$12 215	\$12 909	\$11 826	\$12 173	\$12 501	\$11 614

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	26 117	23 821	739	1 557	13 937	3 601	1 584	1 817	2 066	3 893	681	295
Condominium housing units	73	34	39	—	126	80	2	6	12	26	—	—
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER												
Married-couple families	20 407	19 059	372	976	4 125	1 894	490	316	357	909	55	104
15 to 24 years	810	671	10	129	812	281	103	77	92	234	—	25
25 to 34 years	5 403	5 002	75	326	1 289	664	172	106	86	205	21	35
35 to 44 years	3 998	3 817	72	109	450	307	48	18	37	26	5	9
45 to 64 years	7 510	7 133	94	283	917	442	110	70	81	173	13	28
65 years and over	2 686	2 436	121	129	657	200	57	45	61	271	16	7
Male householder, no wife present	1 908	1 456	146	306	3 475	709	444	568	572	908	178	96
15 to 24 years	219	148	10	61	1 267	313	135	241	184	340	30	24
25 to 34 years	596	461	32	103	1 062	235	200	161	146	273	24	23
35 to 44 years	212	133	21	58	355	82	43	36	83	89	10	12
45 to 64 years	412	304	43	65	519	50	47	71	129	138	57	27
65 years and over	469	410	40	19	272	29	19	59	30	68	57	10
Female householder, no husband present	3 802	3 306	221	275	6 337	998	650	933	1 137	2 076	448	95
15 to 24 years	142	68	19	55	1 764	221	179	346	416	512	49	41
25 to 34 years	458	358	24	76	1 489	273	222	245	244	452	33	20
35 to 44 years	431	367	22	42	424	160	26	29	79	112	5	13
45 to 64 years	1 192	1 012	96	84	953	156	107	124	170	300	84	12
65 years and over	1 579	1 501	60	18	1 707	188	116	189	228	700	277	9
Median age	46.7	47.0	53.6	36.3	32.3	33.2	29.3	28.3	30.9	33.9	65.5	29.4
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980	3 866	3 275	158	433	7 150	1 708	906	1 061	1 111	1 989	184	191
1975 to 1978	8 261	7 363	216	682	4 085	895	386	500	624	1 266	338	76
1970 to 1974	4 079	3 582	134	363	1 523	401	141	146	200	466	146	23
1960 to 1969	4 881	4 719	89	73	771	309	118	67	99	160	13	5
1959 or earlier	5 030	4 882	142	6	408	288	33	43	32	12	—	—
ROOMS												
1 room	28	20	4	4	340	23	26	37	81	158	13	2
2 rooms	86	40	17	29	1 140	38	93	167	211	415	209	7
3 rooms	410	279	51	80	3 532	819	641	694	1 250	343	38	38
4 rooms	3 656	2 771	213	672	4 523	829	605	667	798	1 407	91	126
5 rooms	6 526	5 752	182	592	2 474	1 023	354	236	211	535	25	90
6 rooms	5 675	5 452	93	130	1 020	626	188	42	45	96	—	23
7 or more rooms	9 736	9 507	179	50	908	743	71	27	26	32	—	9
Median	5.9	6.1	5.0	4.5	3.9	5.1	4.2	3.6	3.6	3.6	2.8	4.3
PLUMBING FACILITIES BY PERSONS PER ROOM												
Complete plumbing for exclusive use	26 005	23 746	706	1 553	13 561	3 562	1 553	1 765	1 960	3 758	675	288
0.50 or less	16 803	15 340	555	908	9 810	2 085	1 056	1 343	1 585	2 934	631	176
0.51 to 1.00	8 800	8 059	133	608	3 439	1 295	456	403	359	784	44	98
1.01 to 1.50	353	309	15	29	269	153	41	13	16	38	—	8
1.51 or more	49	38	3	8	43	29	—	6	—	2	—	6
Locking complete plumbing for exclusive use	112	75	33	4	376	39	31	52	106	135	6	7
0.50 or less	89	65	22	2	232	30	25	47	71	54	—	5
0.51 to 1.00	20	10	8	2	144	9	6	5	35	81	6	2
1.01 to 1.50	3	—	3	—	—	—	—	—	—	—	—	—
1.51 or more	—	—	—	—	—	—	—	—	—	—	—	—
BEDROOMS												
None	44	31	9	4	658	31	44	96	139	290	51	7
1	863	633	161	69	5 162	558	416	897	972	1 748	539	32
2	7 194	5 949	302	943	6 008	1 538	873	731	906	1 694	76	190
3	12 087	11 367	182	538	1 556	1 016	226	79	32	129	15	59
4	4 896	4 826	67	3	428	359	23	14	13	12	—	7
5 or more	1 033	1 015	18	—	125	99	2	—	4	20	—	—
HOUSEHOLD INCOME IN 1979												
Less than \$5,000	1 443	1 271	90	82	3 073	558	253	421	465	995	314	67
\$5,000 to \$9,999	2 933	2 522	111	300	3 646	761	459	572	630	987	157	80
\$10,000 to \$12,499	1 769	1 501	109	159	1 827	448	171	297	295	526	70	20
\$12,500 to \$14,999	1 685	1 415	69	201	1 204	352	166	135	174	333	27	17
\$15,000 to \$19,999	4 197	3 772	63	362	1 833	615	183	180	234	529	47	45
\$20,000 to \$24,999	4 743	4 394	85	264	1 241	464	190	111	134	258	33	51
\$25,000 to \$34,999	5 780	5 492	122	166	757	260	103	64	87	206	22	15
\$35,000 to \$49,999	2 300	2 226	57	17	230	105	26	17	35	47	—	—
\$50,000 or more	1 267	1 228	33	6	126	38	33	20	12	12	—	—
Median	\$20 981	\$21 485	\$14 656	\$15 426	\$10 341	\$12 738	\$11 170	\$9 218	\$9 563	\$9 821	\$5 712	\$10 062
Mean	\$23 224	\$23 802	\$20 006	\$15 899	\$12 215	\$14 449	\$13 763	\$11 105	\$11 234	\$11 215	\$8 614	\$11 865
SELECTED CHARACTERISTICS												
Heating equipment	26 115	23 821	739	1 555	13 931	3 601	1 584	1 817	2 060	3 893	681	295
Steam or hot water system	1 090	952	132	6	4 405	149	147	634	916	2 178	379	2
Central warm-air furnace or electric heat pump	23 187	21 171	561	1 455	7 787	2 879	1 268	1 028	886	1 265	211	250
Other built-in electric units	517	477	18	22	871	88	31	98	192	374	86	2
Floor, wall, or pipeless furnace	347	327	5	15	226	129	45	8	15	22	—	—
Other means	974	894	23	57	642	356	93	49	51	54	—	39
Air conditioning	21 102	19 355	580	1 167	9 460	1 783	911	1 068	1 422	3 491	572	213
Central system	13 735	12 812	337	586	2 822	621	439	239	316	1 051	109	47
Vehicles available	25 395	23 172	699	1 524	11 824	3 401	1 395	1 536	1 714	3 144	379	255
1	6 406	5 539	323	544	6 854	1 351	770	945	1 160	2 211	308	109
2 or more	18 989	17 633	376	980	4 970	2 050	625	591	554	933	71	146
House heating fuel	26 115	23 821	739	1 555	13 931	3 601	1 584	1 817	2 060	3 893	681	295
Utility gas	20 274	18 554	625	1 095	11 011	2 635	1 410	1 530	1 637	3 103	513	183
Bottled, tank, or LP gas	1 729	1 363	24	342	564	254	36	56	82	111	69	—
Electricity	1 483	1 400	41	62	1 470	154	108	170	302	583	146	7
Fuel oil, kerosene, etc.	2 339	2 232	40	67	730	502	52	52	40	69	6	36
Other	290	272	9	9	156	56	5	9	25	56	5	—
Water heating fuel	26 080	23 788	739	1 553	13 880	3 576	1 579	1 817	2 044	3 893	681	290
Utility gas	18 488	16 977	597	914	9 679	2 396	1 262	1 302	1 477	2 640	437	165
Bottled, tank, or LP gas	1 417	1 073	24	320	476	166	45	63	96	—	—	52
Electricity	6 105	5 683	103	319	3 595	995	261	461	483	1 084	238	73
Fuel oil, kerosene, etc.	56	51	5	—	99	17	—	—	21	55	6	—
Other	14	4	10	—	31	2	11	—	—	18	—	—
Family householder	22 180	20 614	417	1 149	5 932	2 497	752	553	585	1 313	61	171
With own children under 18 years	12 387	11 568	169	650	3 184	1 594	409	295	263	498	21	76
With own children under 6 years	5 360	4 919	58	383	1 958	899	273	202	147	340	21	104
Female householder, no husband present	1 427	1 288	39	100	1 570	528	222	214	190	363	6	47
With own children under 18 years	807	716	20	71	1 212	401	173	164	148	290	—	40
With own children under 6 years	171	143	5	23	665							

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

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

The SMSA	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 or more persons	Median	Total persons
Owner-occupied housing units	26 117	3 433	8 575	5 022	5 154	2 511	923	342	157	2.71	78 351
Nonrelatives present	774	-	406	156	89	49	40	22	12	2.45	2 465
ROOMS											
1 to 3 rooms	524	225	216	55	11	3	8	6	-	1.67	1 013
4 rooms	3 656	1 064	1 765	472	285	39	31	-	-	1.93	7 615
5 rooms	6 526	1 019	2 483	1 304	1 093	449	106	56	16	2.40	17 648
6 rooms	5 675	587	1 950	1 196	1 243	481	148	56	14	2.75	16 978
7 rooms	4 194	274	1 098	863	1 072	614	183	69	21	3.34	14 096
8 or more rooms	5 542	264	1 063	1 132	1 450	925	447	155	106	3.72	21 001
Median	5.9	4.9	5.4	6.1	6.5	7.0	7.4	7.3	8.2	...	...
PLUMBING FACILITIES BY PERSONS PER ROOM											
Complete plumbing for exclusive use	26 005	3 375	8 552	5 007	5 141	2 511	920	342	157	2.71	78 114
1.00 or less	25 603	3 375	8 552	4 989	5 133	2 469	775	224	86	2.68	75 621
1.01 to 1.50	353	-	-	11	-	39	137	112	54	6.42	2 237
1.51 or more	49	-	-	7	8	3	6	6	17	6.31	256
Lacking complete plumbing for exclusive use	112	58	23	15	13	3	3	-	-	1.47	237
1.00 or less	109	58	23	15	10	-	3	-	-	1.44	228
1.01 to 1.50	3	-	-	-	3	-	-	-	-	4.00	9
1.51 or more	-	-	-	-	-	-	-	-	-	-	-
UNITS IN STRUCTURE											
1, detached or attached	23 821	2 881	7 710	4 597	4 865	2 395	906	312	155	2.79	72 208
2 or more	739	256	266	74	79	46	2	14	2	1.93	1 950
Mobile home or trailer, etc.	1 557	296	599	351	210	70	15	16	-	2.31	4 193
VALUE											
Specified owner-occupied housing units	21 178	2 592	6 786	4 107	4 426	2 072	813	271	111	2.79	63 516
Less than \$10,000	177	86	58	19	12	2	-	-	-	1.54	316
\$10,000 to \$19,999	871	224	336	157	66	41	32	6	9	2.13	2 199
\$20,000 to \$29,999	2 078	557	790	298	235	104	42	38	14	2.11	4 866
\$30,000 to \$39,999	3 526	677	1 274	602	608	206	105	45	9	2.35	9 403
\$40,000 to \$49,999	5 317	585	1 666	1 137	1 066	573	176	84	30	2.86	16 415
\$50,000 to \$59,999	3 741	200	1 175	759	970	407	148	49	33	3.15	11 902
\$60,000 to \$79,999	3 430	167	967	770	896	420	168	39	3	3.25	11 038
\$80,000 to \$99,999	1 185	53	315	208	367	166	55	8	13	3.54	3 971
\$100,000 to \$149,999	674	22	158	137	166	112	77	2	-	3.62	2 851
\$150,000 or more	179	21	47	20	40	41	10	-	-	3.54	555
Median	\$47 300	\$36 500	\$45 400	\$48 500	\$52 000	\$52 100	\$52 100	\$46 300	\$47 500	...	...
SELECTED CHARACTERISTICS											
All income levels in 1979	26 117	3 433	8 575	5 022	5 154	2 511	923	342	157	2.71	78 351
Median income	\$20 981	\$9 088	\$19 528	\$23 053	\$23 845	\$25 441	\$26 690	\$23 333	\$24 583	...	...
Median selected monthly owner costs as percentage of household income	18.4	25.7	15.6	18.2	19.3	19.2	18.8	19.5	15.8	...	...
With a mortgage	20.9	29.8	20.6	21.0	20.1	20.4	20.0	20.6	17.9	...	...
Not mortgaged	11.3	21.9	10.2	10-	10-	10-	10-	10-	10-	...	...
Income in 1979 below poverty level	1 261	462	323	131	168	86	36	38	17	2.02	...
Median income	\$3 155	\$2 908	\$2 825	\$3 794	\$4 000	\$6 667	\$2 813	\$3 333	\$6 250	...	...
Median selected monthly owner costs as percentage of household income	50+	50+	50+	50+	50+	50+	50+	50+	12.9	...	...
With a mortgage	50+	50+	50+	50+	50+	50+	50+	50+	45.0	...	...
Not mortgaged	46.0	49.4	34.8	42.9	50+	15.0	-	17.5	12.5	...	...
Renter-occupied housing units	13 937	6 508	4 206	1 636	869	418	150	88	62	1.61	27 135
Nonrelatives present	1 697	-	1 260	270	104	33	2	18	10	2.17	4 022
ROOMS											
1 room	340	329	11	-	-	-	-	-	-	1.02	345
2 rooms	1 140	973	135	25	7	-	-	-	-	1.09	1 308
3 rooms	3 532	2 696	693	98	24	5	10	6	-	1.16	4 662
4 rooms	4 523	1 724	1 927	582	201	77	12	-	-	1.78	8 472
5 rooms	2 474	560	928	531	273	112	43	24	3	2.23	6 022
6 rooms	1 020	140	327	220	175	92	18	31	17	2.70	2 972
7 or more rooms	908	86	185	180	189	132	67	27	42	3.52	3 354
Median	3.9	3.2	4.2	4.7	5.2	5.7	6.1	6.0	7.4	...	...
PLUMBING FACILITIES BY PERSONS PER ROOM											
Complete plumbing for exclusive use	13 561	6 218	4 143	1 616	866	418	150	88	62	1.64	26 680
1.00 or less	13 249	6 218	4 132	1 591	835	376	85	27	25	1.60	24 856
1.01 to 1.50	269	-	-	25	24	7	55	55	33	5.65	1 577
1.51 or more	43	-	11	-	7	5	10	6	4	5.20	247
Lacking complete plumbing for exclusive use	376	290	63	20	3	-	-	-	-	1.15	455
1.00 or less	376	290	63	20	3	-	-	-	-	1.15	455
1.01 to 1.50	-	-	-	-	-	-	-	-	-	-	-
1.51 or more	-	-	-	-	-	-	-	-	-	-	-
UNITS IN STRUCTURE											
1, detached or attached	3 601	738	1 161	663	518	288	125	46	62	2.42	10 096
2	1 584	646	472	251	149	39	7	20	-	1.81	3 197
3 and 4	1 817	1 021	526	193	49	21	7	-	-	1.39	2 990
5 to 9	2 066	1 249	595	182	22	14	4	-	-	1.33	3 183
10 to 49	3 893	2 164	1 310	268	100	36	5	10	-	1.40	6 141
50 or more	681	600	60	12	-	9	-	-	-	1.07	757
Mobile home or trailer, etc.	295	90	82	67	31	11	2	12	-	2.20	771
GROSS RENT											
Specified renter-occupied housing units	13 345	6 424	4 015	1 536	760	352	133	80	45	1.56	25 371
Less than \$100	1 229	1 084	120	15	10	-	-	-	-	1.07	1 297
\$100 to \$149	1 337	952	271	73	17	4	10	10	-	1.20	1 916
\$150 to \$199	2 643	1 606	704	196	71	53	13	-	-	1.32	4 361
\$200 to \$249	3 161	1 558	1 032	344	144	52	15	8	8	1.52	5 741
\$250 to \$299	2 559	651	1 113	469	211	47	37	25	6	2.06	5 677
\$300 to \$349	1 172	258	423	240	145	85	10	5	6	2.28	2 821
\$350 to \$399	387	103	85	52	60	33	23	21	10	2.61	1 085
\$400 to \$499	404	78	129	63	51	59	12	11	1	2.46	1 209
\$500 or more	112	6	25	18	36	10	9	-	8	3.69	461
No cash rent	341	128	113	66	15	9	4	-	6	1.88	803
Median	\$219	\$183	\$242	\$260	\$281	\$309	\$282	\$294	\$346	...	...
SELECTED CHARACTERISTICS											
All income levels in 1979	13 937	6 508	4 206	1 636	869	418	150	88	62	1.61	27 135
Median income	\$10 341	\$7 519	\$13 901	\$11 830	\$14 120	\$16 023	\$13 333	\$14 423	\$24 423	...	...
Median gross rent as percentage of household income	24.6	27.0	21.1	24.9	23.6	25.5	24.8	28.3	17.7	...	...
Income in 1979 below poverty level	2 788	1 446	625	322	174	125	49	30	17	1.46	...
Median income	\$3 205	\$2 500-	\$3 649	\$4 101	\$4 281	\$5 859	\$7 188	\$8 409	\$11 458	...	...
Median gross rent as percentage of household income	50+	49.4	50+	50+	50+	48.8	50+	42.5	27.5	...	...

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.]

	Married-couple families						Mole householder, no wife present						Female householder, no husband present						Median age				
	15 to 24 years		25 to 34 years		35 to 44 years		15 to 24 years		25 to 34 years		35 to 44 years		15 to 24 years		25 to 34 years		35 to 44 years			45 to 64 years		65 years and over	
	810	5 403	3 998	7 510	2 686	2 119	596	212	412	469	142	458	431	1 192	1 579	46.7							
The SMSA																							
Owner-occupied housing units																							
PERSONS IN UNIT																							
1 person	3 433																						
2 persons	8 575																						
3 persons	5 022																						
4 persons	1 554																						
5 persons	2 511																						
6 or more persons	1 422																						
Median	2 771																						
Total persons	78 351																						
PLUMBING FACILITIES BY PERSONS PER ROOM																							
Complete plumbing for exclusive use	26 005																						
1.01 or more persons per room	402																						
Locking complete plumbing for exclusive use	112																						
1.01 or more persons per room	3																						
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979																							
With a mortgage																							
Less than 15 percent	21 178																						
15 to 19 percent	14 572																						
20 to 24 percent	3 627																						
25 to 29 percent	3 085																						
30 to 34 percent	2 971																						
35 percent or more	1 933																						
Not computed	1 196																						
Median	1 707																						
Not mortgaged																							
Less than 10 percent	20 9																						
10 to 14 percent	6 606																						
15 to 19 percent	2 926																						
20 to 24 percent	1 358																						
25 to 29 percent	845																						
30 to 34 percent	468																						
35 percent or more	285																						
Not computed	200																						
Median	494																						
Renter-occupied housing units																							
PERSONS IN UNIT																							
1 person	6 508																						
2 persons	4 206																						
3 persons	1 636																						
4 persons	869																						
5 persons	418																						
6 or more persons	300																						
Median	1 61																						
Total persons	27 135																						
PLUMBING FACILITIES BY PERSONS PER ROOM																							
Complete plumbing for exclusive use	13 561																						
1.01 or more persons per room	312																						
Locking complete plumbing for exclusive use	376																						
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	13 345																						
15 to 19 percent	2 139																						
20 to 24 percent	2 232																						
25 to 29 percent	2 207																						
30 to 34 percent	1 948																						
35 to 49 percent	1 680																						
50 percent or more	1 872																						
Not computed	1 548																						
Median	24.6																						

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

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

The SMSA	Male householder							Female householder					
	Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	
Owner-occupied housing units -----	3 433	1 271	128	381	137	236	389	2 162	51	136	60	626	1 289
PLUMBING FACILITIES													
Complete plumbing for exclusive use	3 375	1 232	122	379	137	222	372	2 143	51	136	60	626	1 270
Locking complete plumbing for exclusive use	58	39	6	2	—	14	17	19	—	—	—	—	19
UNITS IN STRUCTURE													
1, detached or attached	2 881	1 000	83	307	82	180	348	1 881	28	84	36	518	1 215
2 or more	256	95	6	25	21	21	22	161	8	19	11	67	56
Mobile home or trailer, etc.	296	176	39	49	34	35	19	120	15	33	13	41	18
HOUSEHOLD INCOME IN 1979													
Less than \$5,000	809	168	13	25	11	23	96	641	—	—	—	127	514
\$5,000 to \$9,999	1 096	346	38	45	10	47	206	750	22	22	12	205	489
\$10,000 to \$12,499	425	141	21	59	6	23	32	284	2	40	8	105	129
\$12,500 to \$14,999	286	97	12	65	11	9	—	189	20	39	3	59	68
\$15,000 to \$19,999	326	183	21	95	32	14	21	143	3	11	15	75	39
\$20,000 to \$24,999	272	168	23	49	43	49	4	104	4	12	22	43	23
\$25,000 to \$34,999	142	98	—	26	13	46	13	44	—	12	—	12	20
\$35,000 to \$49,999	49	42	—	10	6	14	12	7	—	—	—	—	7
\$50,000 or more	28	28	—	7	5	11	5	—	—	—	—	—	—
Median	\$9 088	\$12 154	\$11 548	\$14 865	\$19 583	\$20 147	\$6 866	\$7 666	\$12 687	\$12 885	\$18 667	\$9 539	\$6 137
Mean	\$11 424	\$15 500	\$12 373	\$17 276	\$21 364	\$20 828	\$9 491	\$9 028	\$11 453	\$13 777	\$16 487	\$10 375	\$7 430
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS													
Specified owner-occupied housing units	2 592	893	70	296	75	149	303	1 699	28	84	29	477	1 081
With a mortgage	904	514	55	279	60	71	49	390	20	78	29	173	90
Less than \$200	118	55	14	6	6	20	9	63	—	—	—	36	27
\$200 to \$249	170	71	—	32	16	2	21	99	—	2	8	64	25
\$250 to \$299	109	42	—	21	8	5	8	67	5	16	—	39	7
\$300 to \$349	135	62	22	22	15	1	2	73	—	38	7	9	19
\$350 to \$399	97	73	12	50	—	11	—	24	8	10	—	6	—
\$400 to \$499	142	110	5	78	9	9	9	32	7	—	—	13	12
\$500 to \$599	79	60	2	37	6	15	—	19	—	6	7	6	—
\$600 to \$749	33	27	—	27	—	—	—	6	—	6	—	—	—
\$750 or more	21	14	—	6	—	—	—	7	—	7	—	—	—
Median	\$320	\$368	\$331	\$408	\$300	\$384	\$237	\$275	\$381	\$328	\$346	\$239	\$236
Not mortgaged	1 688	379	15	17	15	78	254	1 309	8	6	—	304	991
Less than \$50	21	17	8	—	—	7	2	4	—	—	—	—	4
\$50 to \$74	94	39	—	8	9	4	18	55	—	—	—	14	41
\$75 to \$99	406	87	—	—	—	15	72	319	—	—	—	50	269
\$100 to \$124	480	82	—	6	4	11	61	398	—	—	—	74	324
\$125 to \$149	363	94	7	3	2	13	69	269	—	6	—	75	188
\$150 to \$199	237	46	—	—	—	26	20	191	8	—	—	67	116
\$200 to \$249	44	4	—	—	—	2	2	40	—	—	—	16	24
\$250 or more	43	10	—	—	—	—	—	33	—	—	—	8	25
Median	\$117	\$114	\$50	\$102	\$71	\$129	\$114	\$117	\$175	\$138	—	\$130	\$114
SELECTED CHARACTERISTICS													
Median selected monthly owner costs as percentage of household income in 1979	25.7	24.8	29.2	28.8	17.5	15.7	22.7	26.1	33.8	28.8	29.2	22.6	26.4
With a mortgage	29.8	28.7	32.8	29.2	22.5	24.8	36.1	32.4	45.0	29.4	29.2	28.8	50.4
Not mortgaged	21.9	17.9	10	14.7	10	10	20.9	23.5	22.5	22.5	—	18.5	25.2
Income in 1979 below poverty level	462	104	8	25	11	17	43	358	—	—	—	97	261
Percent below poverty level	13.5	8.2	6.3	6.6	8.0	7.2	11.1	16.6	—	—	—	15.5	20.2
Renter-occupied housing units	6 508	2 525	792	750	271	446	266	3 983	824	642	167	759	1 591
PLUMBING FACILITIES													
Complete plumbing for exclusive use	6 218	2 370	735	734	256	392	253	3 848	769	610	167	743	1 559
Locking complete plumbing for exclusive use	290	155	57	16	15	54	13	135	55	32	—	16	32
UNITS IN STRUCTURE													
1, detached or attached	738	387	130	136	47	45	29	351	70	41	27	77	136
2	646	306	80	124	36	47	19	340	68	61	9	99	103
3 and 4	1 021	438	157	131	31	60	59	583	174	117	20	94	178
5 to 9	1 249	439	146	93	68	102	30	810	229	164	54	142	221
10 to 49	2 164	735	240	233	79	121	62	1 429	227	225	52	258	667
50 or more	600	178	30	24	10	57	57	422	37	19	5	84	277
Mobile home or trailer, etc.	90	42	9	9	—	14	10	48	19	15	—	5	9
HOUSEHOLD INCOME IN 1979													
Less than \$5,000	2 172	676	204	109	65	166	132	1 496	181	101	61	256	897
\$5,000 to \$9,999	2 017	664	282	158	30	77	117	1 353	464	246	40	192	411
\$10,000 to \$12,499	1 028	491	179	200	37	63	12	537	121	167	30	128	91
\$12,500 to \$14,999	383	167	57	70	13	27	—	216	20	55	3	65	73
\$15,000 to \$19,999	544	300	58	137	52	51	2	244	30	60	33	76	45
\$20,000 to \$24,999	202	139	12	47	51	29	—	63	8	13	—	24	18
\$25,000 to \$34,999	86	47	—	19	11	14	3	39	—	—	—	7	32
\$35,000 to \$49,999	17	17	—	5	—	12	—	—	—	—	—	—	—
\$50,000 or more	59	24	—	5	12	7	—	35	—	—	—	11	24
Median	\$7 519	\$9 367	\$7 973	\$11 350	\$13 173	\$9 000	\$5 026	\$6 728	\$7 319	\$9 639	\$8 713	\$7 375	\$4 627
Mean	\$8 900	\$10 297	\$8 124	\$12 387	\$14 178	\$11 110	\$5 562	\$8 014	\$7 307	\$9 505	\$8 503	\$9 136	\$7 193
GROSS RENT													
Specified renter-occupied housing units	6 424	2 467	780	728	262	440	257	3 957	824	642	167	747	1 577
Less than \$100	1 084	290	48	14	40	95	93	794	42	26	19	137	570
\$100 to \$149	952	463	91	137	57	104	74	489	154	32	18	102	183
\$150 to \$199	1 606	700	300	205	53	96	46	906	335	253	26	102	190
\$200 to \$249	1 558	564	240	194	41	72	17	994	211	226	56	170	331
\$250 to \$299	651	267	79	105	22	41	20	384	47	74	22	106	135
\$300 to \$349	258	88	9	52	21	6	—	170	21	23	12	47	67
\$350 to \$399	103	19	6	7	6	—	—	84	10	8	8	36	22
\$400 to \$499	78	18	5	7	6	—	—	60	—	—	6	23	31
\$500 or more	6	—	—	—	—	—	—	6	—	—	—	6	—
No cash rent	128	58	2	7	16	26	7	70	4	—	—	18	48
Median	\$183	\$182	\$191	\$201	\$176	\$153	\$119	\$183	\$176	\$202	\$218	\$205	\$153
SELECTED CHARACTERISTICS													
Median gross rent as percentage of household income in 1979	27.0	24.4	29.1	21.8	16.7	21.2	28.6	28.3	29.6	26.6	28.8	25.9	30.0
Income in 1979 below poverty level	1 446	500	172	91	56	115	66	946	136	71	34	197	508
Percent below poverty level	22.2	19.8	21.7	12.1	20.7	25.8	24.8	23.8	16.5	11.1	20.4	26.0	31.9

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

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

The SMSA					The SMSA				
	Total	Less than 2 months	2 up to 6 months	6 or more months		Total	Less than 2 months	2 up to 6 months	6 or more months
Vacant for sale only housing units -----					Vacant for rent housing units -----				
	555	161	139	255		1 531	828	379	324
ROOMS					ROOMS				
1 to 3 rooms -----	22	1	4	17	1 room -----	94	69	19	6
4 rooms -----	70	12	32	26	2 rooms -----	132	83	17	32
5 rooms -----	254	89	59	106	3 rooms -----	362	227	85	50
6 rooms -----	83	17	22	44	4 rooms -----	524	240	178	106
7 rooms -----	65	27	13	25	5 rooms -----	297	124	70	103
8 or more rooms -----	61	15	9	37	6 rooms -----	88	60	5	23
Median -----	5.2	5.3	5.1	5.3	7 or more rooms -----	34	25	5	4
					Median -----	3.8	3.6	3.9	4.2
PLUMBING FACILITIES					PLUMBING FACILITIES				
Complete plumbing for exclusive use -----	555	161	139	255	Complete plumbing for exclusive use -----	1 438	747	373	318
Lacking complete plumbing for exclusive use -----	--	--	--	--	Lacking complete plumbing for exclusive use -----	93	81	6	6
BEDROOMS					BEDROOMS				
None -----	--	--	--	--	None -----	154	115	33	6
1 -----	26	1	4	21	1 -----	533	287	123	123
2 -----	250	58	64	128	2 -----	654	336	154	164
3 -----	180	78	55	85	3 -----	158	79	50	29
4 -----	92	24	11	57	4 -----	32	11	19	2
5 or more -----	7	--	5	2	5 or more -----	--	--	--	--
YEAR STRUCTURE BUILT					YEAR STRUCTURE BUILT				
1975 to March 1980 -----	240	81	53	106	1975 to March 1980 -----	424	217	136	71
1970 to 1974 -----	40	8	23	9	1970 to 1974 -----	193	102	39	52
1960 to 1969 -----	72	14	25	33	1960 to 1969 -----	160	63	61	36
1950 to 1959 -----	49	27	19	3	1950 to 1959 -----	139	74	18	47
1940 to 1949 -----	42	6	7	29	1940 to 1949 -----	125	53	37	35
1939 or earlier -----	112	25	12	75	1939 or earlier -----	490	319	88	83
UNITS IN STRUCTURE					UNITS IN STRUCTURE				
1, detached or attached -----	396	128	104	164	1, detached or attached -----	351	172	94	85
2 or more -----	96	10	1	85	2 -----	161	104	26	31
Mobile home or trailer -----	63	23	34	6	3 and 4 -----	202	125	50	27
					5 to 9 -----	234	123	61	50
HEATING EQUIPMENT					HEATING EQUIPMENT				
Central heating system -----	534	156	137	241	10 to 49 -----	496	290	108	98
Other means -----	21	5	2	14	50 or more -----	40	11	--	29
None -----	--	--	--	--	Mobile home or trailer -----	47	3	40	4
PRICE ASKED					RENT ASKED				
Specified vacant for sale only housing units -----					Specified vacant for rent housing units -----				
Less than \$10,000 -----	12	--	--	12	Less than \$100 -----	1 516	827	378	311
\$10,000 to \$19,999 -----	10	--	2	8	\$100 to \$149 -----	161	93	31	37
\$20,000 to \$29,999 -----	66	5	29	32	\$150 to \$199 -----	262	162	44	56
\$30,000 to \$39,999 -----	36	3	18	15	\$200 to \$249 -----	320	166	88	66
\$40,000 to \$49,999 -----	96	57	22	17	\$250 to \$299 -----	449	239	136	74
\$50,000 to \$59,999 -----	49	28	9	12	\$300 to \$399 -----	283	150	63	70
\$60,000 to \$79,999 -----	32	--	10	22	\$400 or more -----	41	17	16	8
\$80,000 to \$99,999 -----	45	10	12	23	Median -----	--	--	--	--
\$100,000 or more -----	17	7	2	8		\$202	\$179	\$214	\$194
Median -----	\$45 600	\$48 300	\$42 100	\$42 200					

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

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

The SMSA	Price asked—Specified vacant for sale only housing units							Rent asked—Specified vacant for rent housing units						
	Total	Less than \$10,000	\$10,000 to \$29,999	\$30,000 to \$49,999	\$50,000 to \$99,999	\$100,000 or more	Median (dollars)	Total	Less than \$100	\$100 to \$199	\$200 to \$299	\$300 to \$399	\$400 or more	Median (dollars)
Total -----	363	12	76	132	126	17	45 600	1 516	161	582	732	41	--	202
PLUMBING FACILITIES														
Complete plumbing for exclusive use -----	363	12	76	132	126	17	45 600	1 429	99	557	732	41	--	207
Lacking complete plumbing for exclusive use -----	--	--	--	--	--	--	--	87	62	25	--	--	--	77
BEDROOMS														
None -----	--	--	--	--	--	--	--	154	69	85	--	--	--	106
1 -----	18	2	12	--	4	--	28 200	533	72	277	184	--	--	159
2 -----	109	10	33	54	12	--	39 400	645	5	155	447	38	--	240
3 -----	151	--	21	60	63	7	46 100	154	15	54	82	3	--	215
4 -----	80	--	10	18	42	10	71 300	30	--	11	19	--	--	230
5 or more -----	5	--	--	--	5	--	65 800	--	--	--	--	--	--	--
YEAR STRUCTURE BUILT														
1975 to March 1980 -----	121	--	--	42	64	15	58 400	424	18	48	325	33	--	248
1970 to 1974 -----	18	--	6	10	2	--	42 500	193	3	26	164	--	--	224
1960 to 1969 -----	61	2	14	18	27	--	43 500	160	10	60	84	6	--	209
1950 to 1959 -----	43	--	7	24	12	--	39 800	139	27	57	53	2	--	177
1940 to 1949 -----	39	4	17	14	4	--	29 500	125	16	63	46	--	--	171
1939 or earlier -----	81	6	32	24	17	2	35 900	475	87	328	60	--	--	138
UNITS IN STRUCTURE														
1, detached or attached -----	363	12	76	132	126	17	45 600	336	27	168	124	17	--	175
2 or more -----	...	...	...	...	...	...	...	1 133	119	398	592	24	--	207
Mobile home or trailer -----	...	...	...	...	...	...	...	47	15	16	16	--	--	163

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.]

Sioux Falls city	Total	Less than \$10,000	\$10,000 to \$19,999	\$20,000 to \$29,999	\$30,000 to \$39,999	\$40,000 to \$49,999	\$50,000 to \$59,999	\$60,000 to \$79,999	\$80,000 to \$99,999	\$100,000 to \$149,999	\$150,000 or more	Median (dollars)	Mean (dollars)
Specified owner-occupied housing units	16 669	84	552	1 514	2 794	4 387	3 015	2 662	951	547	163	47 700	52 200
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families	13 131	41	315	881	1 874	3 445	2 676	2 378	870	515	136	50 000	54 900
15 to 24 years	472	—	15	138	237	57	19	—	6	—	—	42 700	43 700
25 to 34 years	3 507	—	21	81	489	1 115	926	604	186	85	—	50 400	53 600
35 to 44 years	2 515	—	16	100	237	585	517	593	262	163	42	55 300	62 900
45 to 64 years	5 018	16	144	452	621	1 199	925	997	330	249	85	50 700	56 400
65 years and over	1 619	25	134	233	389	309	251	165	92	12	9	40 900	44 100
Male householder, no wife present	1 012	19	40	187	217	306	140	84	13	—	6	41 200	42 000
15 to 24 years	104	6	—	27	32	33	—	—	—	—	—	34 000	34 700
25 to 34 years	345	—	6	56	76	97	76	28	—	—	6	43 800	46 600
35 to 44 years	82	—	7	5	20	45	5	—	—	—	—	41 700	39 300
45 to 64 years	200	—	—	31	46	51	28	38	6	—	—	44 800	46 600
65 years and over	281	13	27	68	43	80	25	18	7	—	—	37 200	36 500
Female householder, no husband present	2 526	24	197	446	703	636	199	200	68	32	21	38 600	42 100
15 to 24 years	53	—	—	6	20	20	7	—	—	—	—	40 200	39 900
25 to 34 years	294	—	12	37	62	127	38	6	6	—	—	42 600	43 200
35 to 44 years	290	—	7	12	50	102	48	48	23	—	—	47 000	50 500
45 to 64 years	835	15	35	126	270	206	60	91	14	12	6	39 100	42 900
65 years and over	1 054	9	143	265	301	181	46	55	25	14	15	34 200	39 000
Median age	47.3	66.3	66.5	60.0	51.9	42.1	41.7	45.6	44.9	45.7	48.5	...	...
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980	2 347	6	11	95	263	771	478	479	107	119	18	50 400	56 200
1975 to 1978	5 102	—	56	217	757	1 245	1 064	1 066	438	200	59	52 300	57 800
1970 to 1974	2 465	12	46	259	405	630	491	342	151	87	42	48 400	53 700
1960 to 1969	3 369	11	124	330	635	924	551	501	185	94	11	46 400	49 900
1959 or earlier	3 386	55	315	613	734	817	428	274	70	47	33	39 700	42 200
ROOMS													
1 to 3 rooms	216	16	63	25	70	31	6	5	—	—	—	30 400	27 900
4 rooms	2 090	43	187	456	754	500	126	24	—	—	—	34 700	34 300
5 rooms	4 140	25	184	478	904	1 451	780	270	28	20	—	43 200	42 800
6 rooms	3 773	—	82	350	639	1 171	750	603	125	45	8	46 700	48 700
7 rooms	2 812	—	16	163	283	737	682	680	194	57	—	52 600	55 400
8 or more rooms	3 638	—	20	42	144	497	671	1 080	604	425	155	68 200	75 600
Median	6.0	4.1	4.6	5.1	5.1	5.7	6.3	7.1	8.1	8.5	8.5+	...	...
BEDROOMS													
None	26	—	—	7	15	4	—	—	—	—	—	33 800	33 000
1	439	35	89	172	65	59	12	5	—	—	—	23 200	26 400
2	4 382	42	302	718	1 372	2 233	400	240	44	23	8	38 200	39 200
3	7 885	7	136	504	1 123	2 291	1 826	1 398	400	147	53	49 500	52 900
4	3 249	—	25	97	190	688	659	870	389	294	37	59 300	65 400
5 or more	688	—	—	16	29	112	118	149	118	81	65	74 000	81 900
YEAR STRUCTURE BUILT													
1975 to March 1980	2 222	—	—	—	37	474	363	736	353	221	38	65 700	71 900
1970 to 1974	1 315	—	—	—	54	321	485	285	98	43	29	54 500	62 500
1960 to 1969	2 929	6	6	61	213	745	710	780	230	141	37	54 700	60 800
1950 to 1959	3 997	—	52	262	851	1 309	791	498	157	59	18	46 300	49 200
1940 to 1949	2 210	9	113	288	544	673	365	141	37	24	16	41 700	43 900
1939 or earlier	3 996	69	381	903	1 095	865	301	222	76	59	25	35 600	39 100
HOUSEHOLD INCOME IN 1979													
Less than \$5,000	774	36	101	148	180	159	64	56	12	4	14	36 100	40 600
\$5,000 to \$9,999	1 646	25	190	386	428	337	126	102	38	14	—	34 800	37 100
\$10,000 to \$12,499	955	5	44	151	286	281	111	77	—	—	—	39 700	40 300
\$12,500 to \$14,999	975	7	52	117	240	390	93	56	8	12	—	41 600	41 600
\$15,000 to \$19,999	2 644	6	76	215	664	865	485	254	57	22	—	43 800	45 300
\$20,000 to \$24,999	3 106	5	46	216	485	1 018	777	412	72	69	6	47 700	49 800
\$25,000 to \$34,999	3 991	—	26	218	405	1 016	923	969	298	102	34	52 900	57 100
\$35,000 to \$49,999	1 655	—	13	55	100	289	340	481	268	97	12	61 100	65 000
\$50,000 or more	923	—	4	8	6	32	96	255	198	227	97	86 600	95 900
Median	\$21 904	\$7 143	\$9 621	\$14 038	\$16 986	\$20 742	\$23 762	\$28 015	\$34 646	\$41 985	\$55 620	...	...
Mean	\$24 624	\$7 665	\$12 372	\$15 901	\$17 384	\$21 084	\$25 222	\$30 919	\$38 742	\$54 326	\$79 317	...	...
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
With a mortgage	11 453	12	127	609	1 668	3 205	2 358	2 153	777	426	118	50 300	55 800
Less than 15 percent	3 050	6	38	250	487	728	579	539	253	140	30	50 200	56 000
15 to 19 percent	2 457	6	27	91	333	756	519	420	182	88	35	50 300	56 500
20 to 24 percent	2 337	—	16	87	364	701	511	467	120	50	21	50 000	54 300
25 to 29 percent	1 426	—	17	61	244	377	305	268	81	59	14	50 300	55 700
30 to 34 percent	893	—	15	31	74	285	201	216	56	15	—	51 500	54 800
35 percent or more	1 256	—	14	83	166	358	243	215	85	74	18	50 300	57 200
Not computed	34	—	—	6	—	—	—	28	—	—	—	62 600	58 600
Median	20.4	15.0	19.7	17.8	20.2	20.8	20.8	21.1	18.7	19.1	19.1	...	...
Not mortgaged	5 216	72	425	905	1 126	1 182	657	509	174	121	45	40 600	44 300
Less than 10 percent	2 380	23	153	342	477	609	343	258	103	51	21	42 700	46 400
10 to 14 percent	1 075	6	82	199	234	237	151	101	19	30	16	40 600	44 600
15 to 19 percent	676	7	60	156	120	141	97	52	28	15	—	39 700	42 400
20 to 24 percent	354	18	38	61	106	73	19	26	—	13	—	34 200	37 900
25 to 29 percent	214	9	32	58	67	16	6	26	—	—	—	30 900	33 900
30 to 34 percent	143	—	26	41	35	23	10	—	—	—	—	35 100	36 800
35 percent or more	346	—	28	48	87	83	25	39	24	4	8	41 700	49 600
Not computed	28	9	6	—	—	—	6	7	—	—	—	14 200	35 500
Median	11.0	16.8	13.4	12.8	11.8	10	10	10	10	11.6	10.5	...	...
SELECTED CHARACTERISTICS													
Complete plumbing for exclusive use	16 658	77	548	1 514	2 794	4 387	3 015	2 662	951	547	163	47 700	52 200
1.01 or more persons per room	208	6	21	34	54	55	38	—	—	—	—	38 100	37 000
Lacking complete plumbing for exclusive use	11	7	4	—	—	—	—	—	—	—	—	10000	9 300
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—	—	—	—
Heating equipment	16 669	84	552	1 514	2 794	4 387	3 015	2 662	951	547	163	47 700	52 200
Central heating system	16 325	33	476	1 465	2 712	4 348	2 995	2 650	951	532	163	47 900	52 600
Air conditioning	14 219	32	342	1 065	2 262	3 544	2 784	2 565	930	532	163	49 600	54 600
Central system	9 597	—	55	306	967	2 094	2 266	2 369	898	502	140	5	

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.]

Sioux Falls city	Total	Less than \$100	\$100 to \$149	\$150 to \$199	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 or more	No cash rent	Median (dollars)
Specified renter-occupied housing units	12 098	1 118	1 193	2 358	2 915	2 393	1 076	359	373	102	211	220
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER												
Married-couple families	3 175	53	156	378	665	859	524	209	170	76	85	266
15 to 24 years	676	—	43	97	205	222	61	33	15	5	—	248
25 to 34 years	967	—	24	99	200	255	252	76	48	8	—	280
35 to 44 years	298	—	16	41	22	76	22	52	46	23	—	295
45 to 64 years	714	—	13	69	131	226	129	35	30	35	46	277
65 years and over	520	53	60	72	107	80	60	13	31	13	31	222
Male householder, no wife present	3 109	281	465	806	694	506	181	39	78	4	55	198
15 to 24 years	1 135	48	97	391	289	214	52	19	21	4	—	204
25 to 34 years	971	10	148	225	252	180	95	7	39	—	15	217
35 to 44 years	314	38	62	54	56	32	28	13	11	—	20	195
45 to 64 years	461	101	91	94	85	57	6	—	7	—	20	159
65 years and over	228	84	67	42	12	23	—	—	—	—	—	117
Female householder, no husband present	5 814	784	572	1 174	1 556	1 028	371	111	125	22	71	210
15 to 24 years	1 679	58	196	476	505	331	73	24	10	6	—	211
25 to 34 years	1 364	52	78	355	419	301	105	14	19	5	16	224
35 to 44 years	398	25	35	46	104	80	54	8	35	5	6	244
45 to 64 years	858	128	102	103	198	168	66	43	30	6	14	218
65 years and over	1 515	521	161	194	330	148	73	22	31	—	35	163
Median age	31.7	68.0	35.5	27.1	28.8	29.2	32.7	35.9	37.9	46.3	54.2	...
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980	6 358	333	523	1 317	1 516	1 409	642	241	238	70	69	230
1975 to 1978	3 552	390	353	588	911	694	328	95	109	26	58	221
1970 to 1974	1 303	299	185	252	266	177	71	23	15	6	9	179
1960 to 1969	652	65	82	149	196	87	35	—	11	—	27	204
1959 or earlier	233	31	50	52	26	26	—	—	—	—	48	160
ROOMS												
1 room	303	169	74	40	20	—	—	—	—	—	—	87
2 rooms	1 090	300	280	295	137	40	10	14	—	—	14	138
3 rooms	3 355	478	469	1 069	910	284	111	5	4	4	25	183
4 rooms	4 007	132	223	620	1 195	1 210	364	118	106	—	39	243
5 rooms	2 090	19	115	231	464	620	357	114	111	23	36	265
6 rooms	752	14	29	70	130	146	185	47	70	17	44	289
7 or more rooms	501	6	3	33	59	93	49	66	81	58	53	331
Median	3.8	2.7	3.0	3.3	3.8	4.2	4.6	4.9	5.2	6.8	5.3	...
PLUMBING FACILITIES BY PERSONS PER ROOM AND POVERTY STATUS IN 1979												
All income levels in 1979	12 098	1 118	1 193	2 358	2 915	2 393	1 076	359	373	102	211	220
Complete plumbing for exclusive use	11 789	990	1 113	2 328	2 861	2 382	1 076	359	373	102	205	222
0.50 or less	8 683	879	863	1 801	2 202	1 599	675	204	264	42	154	215
1.01 to 1.50	2 863	111	218	489	626	715	379	122	95	60	48	247
1.51 or more	211	—	26	28	33	57	17	33	14	—	3	276
1.51 or more	32	—	6	10	—	11	—	—	—	—	—	225
Locking complete plumbing for exclusive use	309	128	80	30	54	11	5	—	—	—	6	108
0.50 or less	190	33	75	30	35	11	—	—	—	—	6	133
1.01 to 1.50	119	95	5	—	19	—	—	—	—	—	—	72
1.51 or more	—	—	—	—	—	—	—	—	—	—	—	—
Income in 1979 below poverty level	2 363	649	263	470	430	339	79	19	68	5	41	172
Complete plumbing for exclusive use	2 263	574	258	463	417	339	79	19	68	5	41	176
1.01 or more persons per room	88	—	15	15	21	27	—	—	10	—	—	238
Locking complete plumbing for exclusive use	100	75	5	7	13	—	—	—	—	—	—	76
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—	—	—
BEDROOMS												
None	615	242	216	137	20	—	—	—	—	—	—	119
1	4 884	766	735	1 557	1 253	362	126	26	7	4	48	178
2	5 226	92	188	522	1 487	1 754	687	199	197	29	71	258
3	1 115	18	49	138	133	241	79	79	115	52	49	291
4	217	—	5	4	22	29	22	55	33	17	30	360
5 or more	41	—	—	—	—	7	—	—	21	—	13	433
UNITS IN STRUCTURE												
1, detached or attached	2 444	40	211	359	388	637	289	172	163	58	127	262
2	1 488	28	175	371	293	211	240	72	50	22	26	229
3 and 4	1 722	151	271	561	336	60	60	18	25	11	11	182
5 to 9	1 874	125	256	533	490	317	87	18	41	—	7	202
10 to 49	3 791	533	196	411	791	876	354	79	89	—	40	228
50 or more	681	241	72	108	140	62	42	—	5	11	—	164
Mobile home or trailer, etc.	98	—	12	15	55	12	4	—	—	—	—	218
YEAR STRUCTURE BUILT												
1975 to March 1980	2 885	274	96	201	692	853	371	143	179	51	25	259
1970 to 1974	2 045	311	121	144	686	437	197	53	57	22	17	233
1960 to 1969	1 664	146	88	261	554	367	172	24	38	6	8	229
1950 to 1959	1 395	80	110	356	329	222	119	54	72	13	40	216
1940 to 1949	1 331	29	204	476	250	221	63	23	10	6	49	191
1939 or earlier	2 778	278	574	920	404	293	154	62	17	4	72	173
STORIES IN STRUCTURE												
1 to 3	11 557	879	1 104	2 257	2 896	2 362	1 047	348	367	91	206	223
4 or more	541	239	89	101	19	31	29	11	6	11	5	110
With elevator	409	225	41	50	13	23	29	11	6	11	—	83
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979												
Less than 15 percent	1 905	174	312	382	452	355	161	14	34	21	...	210
15 to 19 percent	2 045	191	216	387	457	460	190	60	67	17	...	222
20 to 24 percent	2 005	239	176	360	439	413	193	113	67	5	...	223
25 to 29 percent	1 583	206	124	303	404	290	165	35	33	23	...	215
30 to 34 percent	902	96	27	191	262	178	74	26	38	10	...	226
35 to 49 percent	1 562	106	184	332	344	307	169	72	33	15	...	218
50 percent or more	1 685	68	119	353	534	370	117	33	80	11	...	228
Not computed	411	38	35	50	23	20	7	6	21	—	211	168
Median	24.7	23.7	21.4	25.4	26.2	24.5	24.8	24.5	26.2	26.7	...	...
SELECTED CHARACTERISTICS												
Heating equipment	12 092	1 118	1 193	2 352	2 915	2 393	1 076	359	373	102	211	220
Central heating system	11 726	1 096	1 077	2 264	2 842	2 378	1 052	347	366	102	202	221
Air conditioning	8 391	684	517	1 091	2 371	1 928	916	294	334	96	160	237
Control system	2 549	134	83	168	449	545	460	239	296	83	92	288

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.]

Sioux Falls city

	Total	Less than \$200	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 to \$599	\$600 to \$749	\$750 or more	Median (dollars)
Specified owner-occupied housing units -----	11 453	541	1 247	1 279	1 781	1 594	2 391	1 355	833	432	378
PERSONS IN UNIT											
1 person -----	727	88	137	79	119	79	113	73	18	21	325
2 persons -----	2 873	204	351	307	409	414	619	313	205	51	370
3 persons -----	2 536	101	235	247	512	333	541	366	124	77	376
4 persons -----	3 119	82	289	388	484	453	710	355	238	120	385
5 persons -----	1 404	44	166	155	153	208	258	178	136	106	394
6 persons -----	562	17	41	72	73	74	101	53	74	57	405
7 persons -----	171	5	23	24	26	27	31	11	24	—	364
8 or more persons -----	61	—	5	7	5	6	18	6	14	—	421
Median -----	3.34	2.39	3.08	3.52	3.21	3.41	3.36	3.30	3.79	4.06	...
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER											
Married-couple families -----	9 772	349	962	1 039	1 479	1 347	2 162	1 251	784	399	389
15 to 24 years -----	472	6	17	33	125	137	116	26	12	—	370
25 to 34 years -----	3 424	29	103	215	582	608	946	572	266	103	419
35 to 44 years -----	2 421	31	238	239	272	285	569	331	268	188	425
45 to 64 years -----	3 203	240	530	516	480	301	502	317	209	108	333
65 years and over -----	252	43	74	36	20	16	29	5	29	—	263
Male householder, no wife present -----	611	44	73	66	102	89	129	65	23	20	362
15 to 24 years -----	89	6	—	21	34	18	4	6	—	—	326
25 to 34 years -----	326	6	26	16	42	64	102	41	23	6	409
35 to 44 years -----	70	6	22	11	18	—	7	6	—	—	282
45 to 64 years -----	87	21	6	12	8	7	—	12	—	14	328
65 years and over -----	39	5	19	6	—	—	9	—	—	—	238
Female householder, no husband present -----	1 070	148	212	174	200	158	100	39	26	13	300
15 to 24 years -----	38	—	—	—	14	13	11	—	—	—	369
25 to 34 years -----	274	16	20	14	98	56	37	15	18	—	344
35 to 44 years -----	275	7	48	81	25	59	24	18	—	13	303
45 to 64 years -----	387	93	116	67	47	30	20	6	8	—	243
65 years and over -----	96	32	28	12	16	—	8	—	—	—	229
Median age -----	38.7	55.3	49.3	45.2	34.9	33.4	34.8	35.4	39.1	39.2	...
YEAR HOUSEHOLDER MOVED INTO UNIT											
1979 to March 1980 -----	2 190	19	24	94	335	311	579	412	268	148	455
1975 to 1978 -----	4 630	44	126	256	692	863	1 282	737	423	207	425
1970 to 1974 -----	2 034	125	289	411	390	219	316	150	99	35	325
1960 to 1969 -----	2 158	285	648	459	298	185	167	51	35	30	266
1959 or earlier -----	441	68	160	59	66	16	47	5	8	12	248
ROOMS											
1 to 3 rooms -----	65	12	4	10	28	6	—	5	—	—	312
4 rooms -----	906	159	173	109	205	94	151	15	—	—	303
5 rooms -----	2 507	202	399	407	505	347	398	188	40	21	324
6 rooms -----	2 531	84	328	345	438	401	556	219	132	28	359
7 rooms -----	2 307	53	212	224	285	435	542	337	157	62	394
8 or more rooms -----	3 137	31	131	184	320	311	744	591	504	321	481
Median -----	6.4	5.0	5.6	5.8	5.8	6.4	6.7	7.2	7.9	8.5+	...
YEAR STRUCTURE BUILT											
1975 to March 1980 -----	2 114	—	13	16	200	263	564	504	327	227	500
1970 to 1974 -----	1 202	—	19	105	184	202	311	221	132	28	425
1960 to 1969 -----	2 280	70	209	316	310	297	563	260	167	88	390
1950 to 1959 -----	2 464	147	340	357	518	308	490	179	95	30	337
1940 to 1949 -----	1 194	93	272	133	200	229	140	85	19	23	325
1939 or earlier -----	2 199	231	394	352	369	295	323	106	93	36	317
VALUE											
Less than \$10,000 -----	12	12	—	—	—	—	—	—	—	—	150
\$10,000 to \$19,999 -----	127	81	27	6	13	—	—	—	—	—	187
\$20,000 to \$29,999 -----	609	118	164	173	110	11	27	6	—	—	257
\$30,000 to \$39,999 -----	1 668	181	442	274	409	245	111	6	—	—	289
\$40,000 to \$49,999 -----	3 205	116	472	391	672	684	704	133	25	8	346
\$50,000 to \$59,999 -----	2 358	27	121	330	361	325	694	391	89	20	402
\$60,000 to \$79,999 -----	2 153	—	21	105	185	273	571	543	409	46	488
\$80,000 to \$99,999 -----	777	6	—	—	18	51	251	178	172	101	535
\$100,000 to \$149,999 -----	426	—	—	—	7	5	33	91	108	182	707
\$150,000 or more -----	118	—	—	—	6	—	—	7	30	75	750+
Median -----	\$50 300	\$32 800	\$39 800	\$44 100	\$44 500	\$47 700	\$54 000	\$64 500	\$73 800	\$107 500	...
SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979											
Less than 15 percent -----	3 050	318	781	545	435	268	331	211	92	69	289
15 to 19 percent -----	2 457	88	132	305	512	466	539	218	122	75	371
20 to 24 percent -----	2 337	33	139	182	367	414	676	308	168	50	404
25 to 29 percent -----	1 426	28	102	110	229	125	370	252	142	68	437
30 to 34 percent -----	893	29	19	35	93	150	182	187	150	48	473
35 percent or more -----	1 256	45	60	102	145	164	286	173	159	122	449
Not computed -----	34	—	14	—	—	7	—	6	—	—	371
Median -----	20.4	12.9	13.3	16.5	19.4	20.7	22.4	24.0	26.2	26.6	...
SELECTED CHARACTERISTICS											
Heating equipment -----	11 453	541	1 247	1 279	1 781	1 594	2 391	1 355	833	432	378
Steam or hot water system -----	383	18	25	50	49	64	74	36	40	27	389
Central warm-air furnace or electric heat pump -----	10 809	503	1 170	1 193	1 682	1 490	2 271	1 309	793	398	379
Other built-in electric units -----	53	—	—	7	15	9	12	10	—	—	375
Floor, wall, or pipeless furnace -----	76	4	13	24	15	8	12	—	—	—	294
Other means -----	132	16	39	5	20	23	22	—	—	7	315
Air conditioning -----	9 866	394	1 104	1 101	1 364	1 326	2 036	1 308	809	424	387
Central system -----	7 073	154	453	654	922	1 660	1 218	766	400	428	428
1 or more individual room units -----	2 793	240	651	447	518	404	376	90	43	24	306
House heating fuel -----	11 453	541	1 247	1 279	1 781	1 594	2 391	1 355	833	432	378
Utility gas -----	11 175	525	1 207	1 242	1 737	1 561	2 350	1 312	830	411	378
Bottled, tank, or LP gas -----	45	5	12	8	—	—	5	9	—	6	284
Electricity -----	119	—	7	23	26	9	20	29	—	5	369
Fuel oil, kerosene, etc. -----	49	—	7	6	11	6	5	5	3	6	354
Other -----	65	11	14	—	7	18	11	—	—	4	351

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)

Sioux Falls city	Total	Less than \$50	\$50 to \$74	\$75 to \$99	\$100 to \$124	\$125 to \$149	\$150 to \$199	\$200 to \$249	\$250 or more	Median (dollars)
Specified owner-occupied housing units -----	5 216	15	135	743	1 294	1 195	1 277	304	253	134
PERSONS IN UNIT										
1 person -----	1 357	15	66	343	391	286	195	27	34	116
2 persons -----	2 726	—	63	352	742	656	653	151	109	133
3 persons -----	677	—	6	43	87	162	255	74	50	158
4 persons -----	221	—	—	5	38	52	73	34	19	161
5 persons -----	168	—	—	—	31	11	75	18	33	178
6 persons -----	43	—	—	—	—	21	20	—	2	151
7 persons -----	19	—	—	—	—	7	6	—	6	171
8 or more persons -----	5	—	—	—	5	—	—	—	—	113
Median -----	1.96	1.00	1.52	1.58	1.85	1.97	2.18	2.33	2.35	...
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER										
Married-couple families -----	3 359	—	69	319	823	803	921	235	189	140
15 to 24 years -----	83	—	—	23	13	13	22	12	—	136
25 to 34 years -----	94	—	—	6	27	11	27	11	—	156
35 to 44 years -----	1 815	—	11	164	367	422	592	139	120	147
45 to 64 years -----	1 367	—	58	126	416	357	280	73	57	131
65 years and over -----	401	15	26	88	81	86	87	6	12	122
Male householder, no wife present -----	15	8	—	—	—	7	—	—	—	50
15 to 24 years -----	19	—	8	—	11	—	—	—	—	103
25 to 34 years -----	12	—	—	7	5	—	—	—	—	96
35 to 44 years -----	113	7	—	19	7	18	51	6	5	155
45 to 64 years -----	242	—	18	62	58	61	36	—	7	118
65 years and over -----	1 456	—	40	336	390	306	269	63	52	123
Female householder, no husband present -----	15	—	—	—	—	7	8	—	—	153
15 to 24 years -----	20	—	—	—	—	9	11	—	—	155
25 to 34 years -----	15	—	—	—	—	—	—	15	—	225
35 to 44 years -----	448	—	8	68	88	123	120	15	26	137
45 to 64 years -----	958	—	32	268	302	167	130	33	26	115
65 years and over -----	64.8	24.7	72.3	69.7	67.8	64.7	60.8	61.6	59.7	...
YEAR HOUSEHOLDER MOVED INTO UNIT										
1979 to March 1980 -----	157	—	—	14	28	18	85	7	5	161
1975 to 1978 -----	472	15	6	50	75	80	145	68	33	153
1970 to 1974 -----	431	—	19	43	128	96	82	37	26	132
1960 to 1969 -----	1 211	—	39	101	272	271	353	74	101	143
1959 or earlier -----	2 945	—	71	535	791	730	612	118	88	128
ROOMS										
1 to 3 rooms -----	151	7	29	48	37	18	12	—	—	96
4 rooms -----	1 184	8	59	298	424	242	123	17	13	113
5 rooms -----	1 633	—	24	258	479	453	336	71	12	128
6 rooms -----	1 242	—	15	107	250	336	439	67	28	144
7 rooms -----	505	—	—	27	68	91	209	48	62	166
8 or more rooms -----	501	—	—	5	36	55	158	101	138	196
Median -----	5.3	3.6	4.2	4.6	4.9	5.2	5.9	6.5	8.0	...
YEAR STRUCTURE BUILT										
1975 to March 1980 -----	108	—	—	14	—	5	44	18	27	190
1970 to 1974 -----	113	—	—	—	—	35	36	25	17	180
1960 to 1969 -----	649	—	—	19	56	89	319	79	87	175
1950 to 1959 -----	1 533	15	—	73	342	434	470	122	77	144
1940 to 1949 -----	1 016	—	18	181	282	277	208	36	14	127
1939 or earlier -----	1 797	—	117	456	614	355	200	24	31	113
VALUE										
Less than \$10,000 -----	72	—	25	42	—	5	—	—	—	82
\$10,000 to \$19,999 -----	425	—	44	178	147	44	6	6	—	99
\$20,000 to \$29,999 -----	905	8	39	299	365	112	77	—	5	107
\$30,000 to \$39,999 -----	1 126	7	27	159	466	343	124	—	—	120
\$40,000 to \$49,999 -----	1 182	—	—	33	269	484	367	16	13	140
\$50,000 to \$59,999 -----	657	—	—	9	40	139	417	46	6	167
\$60,000 to \$79,999 -----	509	—	—	18	7	47	263	138	36	185
\$80,000 to \$99,999 -----	174	—	—	—	—	13	19	73	69	238
\$100,000 to \$149,999 -----	121	—	—	5	—	8	4	25	79	250+
\$150,000 or more -----	45	—	—	—	—	—	—	—	45	250+
Median -----	\$40 600	\$22 300	\$19 700	\$23 800	\$33 100	\$41 700	\$51 400	\$70 300	\$99 300	...
SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979										
Less than 10 percent -----	2 380	15	42	329	560	553	631	134	116	136
10 to 14 percent -----	1 075	—	42	164	183	240	303	82	61	140
15 to 19 percent -----	676	—	19	81	200	161	140	32	43	131
20 to 24 percent -----	354	—	20	27	155	95	32	13	12	121
25 to 29 percent -----	214	—	8	75	49	34	37	11	—	112
30 to 34 percent -----	143	—	—	20	57	36	30	—	—	123
35 percent or more -----	346	—	4	32	90	76	98	25	21	140
Not computed -----	28	—	—	15	—	—	6	7	—	98
Median -----	11.0	10.0	13.0	11.1	12.4	10.9	10.1	10.9	10.9	...
SELECTED CHARACTERISTICS										
Heating equipment -----	5 216	15	135	743	1 294	1 195	1 277	304	253	134
Steam or hot water system -----	236	—	—	7	98	10	73	13	35	152
Central worm-air furnace or electric heat pump -----	4 617	15	72	598	1 126	1 117	1 186	285	218	136
Other built-in electric units -----	13	—	—	7	—	—	—	6	—	98
Floor, wall, or pipeless furnace -----	138	—	23	63	33	19	—	—	—	93
Other means -----	212	—	40	68	37	49	18	—	—	99
Air conditioning -----	4 353	7	65	496	1 026	1 041	1 178	287	253	139
Central system -----	2 524	—	7	106	426	594	898	275	218	157
1 or more individual room units -----	1 829	7	58	390	600	447	280	12	35	119
House heating fuel -----	5 216	15	135	743	1 294	1 195	1 277	304	253	134
Utility gas -----	5 095	8	121	723	1 281	1 169	1 250	290	253	134
Bottled, tank, or LP gas -----	33	—	—	7	5	—	6	—	—	132
Electricity -----	32	—	—	13	—	5	—	14	—	140
Fuel oil, kerosene, etc. -----	40	7	6	—	—	6	21	—	—	152
Other -----	16	—	8	—	8	—	—	—	—	87

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]

Sioux Falls city					Sioux Falls city				
Total	Less than 2 months	2 up to 6 months	6 or more months		Total	Less than 2 months	2 up to 6 months	6 or more months	
Vacant for sale only housing units -----					Vacant for rent housing units -----				
374	139	54	181		1 383	806	315	262	
ROOMS					ROOMS				
1 to 3 rooms -----	17	—	4	13	1 room -----	94	69	19	6
4 rooms -----	25	10	4	11	2 rooms -----	128	81	15	32
5 rooms -----	170	74	20	76	3 rooms -----	344	220	80	44
6 rooms -----	61	20	11	30	4 rooms -----	462	235	138	89
7 rooms -----	50	20	6	24	5 rooms -----	253	122	56	75
8 or more rooms -----	51	15	9	27	6 rooms -----	75	56	3	16
Median -----	5.4	5.3	5.4	5.4	7 or more rooms -----	27	23	4	—
					Median -----	3.8	3.6	3.8	4.1
PLUMBING FACILITIES					PLUMBING FACILITIES				
Complete plumbing for exclusive use -----	374	139	54	181	Complete plumbing for exclusive use -----	1 296	725	309	262
Locking complete plumbing for exclusive use -----	—	—	—	—	Locking complete plumbing for exclusive use -----	87	81	6	—
BEDROOMS					BEDROOMS				
None -----	—	—	—	—	None -----	154	115	33	6
1 -----	20	—	4	16	1 -----	508	278	116	114
2 -----	150	48	18	84	2 -----	575	328	117	130
3 -----	118	66	19	33	3 -----	116	74	30	12
4 -----	78	22	8	48	4 -----	30	11	19	—
5 or more -----	8	3	5	—	5 or more -----	—	—	—	—
YEAR STRUCTURE BUILT					YEAR STRUCTURE BUILT				
1975 to March 1980 -----	190	69	22	99	1975 to March 1980 -----	401	212	127	62
1970 to 1974 -----	6	6	—	—	1970 to 1974 -----	177	102	24	51
1960 to 1969 -----	42	12	6	24	1960 to 1969 -----	121	58	35	28
1950 to 1959 -----	37	22	15	—	1950 to 1959 -----	128	74	16	38
1940 to 1949 -----	29	5	4	20	1940 to 1949 -----	111	53	33	25
1939 or earlier -----	70	25	7	38	1939 or earlier -----	445	307	80	58
UNITS IN STRUCTURE					UNITS IN STRUCTURE				
1, detached or attached -----	278	121	54	103	1, detached or attached -----	292	165	88	39
2 or more -----	88	10	—	78	2 -----	141	97	15	29
Mobile home or trailer -----	8	8	—	—	3 and 4 -----	189	125	45	19
					5 to 9 -----	227	120	59	48
HEATING EQUIPMENT					HEATING EQUIPMENT				
Central heating system -----	365	134	54	177	10 to 49 -----	494	288	108	98
Other means -----	9	5	—	4	50 or more -----	40	11	—	29
None -----	—	—	—	—	Mobile home or trailer -----	—	—	—	—
PRICE ASKED					RENT ASKED				
Specified vacant for sale only housing units -----	263	106	54	103	Specified vacant for rent housing units -----	1 383	806	315	262
Less than \$10,000 -----	4	—	—	4	Less than \$100 -----	131	87	20	24
\$10,000 to \$19,999 -----	6	—	2	4	\$100 to \$149 -----	234	158	37	39
\$20,000 to \$29,999 -----	30	5	4	21	\$150 to \$199 -----	273	157	59	57
\$30,000 to \$39,999 -----	19	1	13	5	\$200 to \$249 -----	430	237	126	67
\$40,000 to \$49,999 -----	83	55	14	14	\$250 to \$299 -----	277	150	57	70
\$50,000 to \$59,999 -----	33	25	—	8	\$300 to \$399 -----	38	17	16	5
\$60,000 to \$79,999 -----	24	—	5	19	\$400 or more -----	—	—	—	—
\$80,000 to \$99,999 -----	42	10	12	20	Median -----	\$207	\$200	\$225	\$211
\$100,000 or more -----	22	10	4	8					
Median -----	\$48 800	\$48 600	\$47 900	\$52 200					

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]

Sioux Falls city	Price asked—Specified vacant for sale only housing units							Rent asked—Specified vacant for rent housing units						
	Total	Less than \$10,000	\$10,000 to \$29,999	\$30,000 to \$49,999	\$50,000 to \$99,999	\$100,000 or more	Median (dollars)	Total	Less than \$100	\$100 to \$199	\$200 to \$299	\$300 to \$399	\$400 or more	Median (dollars)
Total -----	263	4	36	102	99	22	48 800	1 383	131	507	707	38	—	207
PLUMBING FACILITIES														
Complete plumbing for exclusive use -----	263	4	36	102	99	22	48 800	1 296	69	482	707	38	—	212
Locking complete plumbing for exclusive use -----	—	—	—	—	—	—	—	87	62	25	—	—	—	77
BEDROOMS														
None -----	—	—	—	—	—	—	—	154	69	85	—	—	—	106
1 -----	15	—	11	—	4	—	28 800	508	62	262	184	—	—	168
2 -----	67	4	14	46	3	—	45 100	575	—	105	432	38	—	245
3 -----	105	—	5	44	47	9	51 200	116	—	44	72	—	—	230
4 -----	68	—	6	12	40	10	72 900	30	—	11	19	—	—	230
5 or more -----	8	—	—	—	5	3	68 300	—	—	—	—	—	—	—
YEAR STRUCTURE BUILT														
1975 to March 1980 -----	104	—	—	37	47	20	70 500	401	7	39	322	33	—	251
1970 to 1974 -----	6	—	—	6	—	—	47 500	177	—	18	159	—	—	226
1960 to 1969 -----	35	—	4	5	26	—	53 300	121	7	42	69	3	—	213
1950 to 1959 -----	34	—	5	20	9	—	39 600	128	24	49	53	2	—	181
1940 to 1949 -----	29	4	11	14	—	—	29 800	111	16	51	44	—	—	173
1939 or earlier -----	55	—	16	20	17	2	43 400	445	77	308	60	—	—	139
UNITS IN STRUCTURE														
1, detached or attached -----	263	4	36	102	99	22	48 800	292	19	137	122	14	—	182
2 or more -----	—	—	—	—	—	—	—	1 091	112	370	585	24	—	210
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.

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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

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

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

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

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

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

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

FINANCIAL CHARACTERISTICS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Appendix B.—Definitions and Explanations of Subject Characteristics

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

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

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



Appendix C.—General Enumeration and Processing Procedures

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USUAL PLACE OF RESIDENCE

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

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

Armed Forces

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

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

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

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

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

Crews of Merchant Vessels

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

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

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

Persons Away at School

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

Persons in Institutions

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

Persons Away From Their Residence on Census Day

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

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

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

Americans Abroad

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

Citizens of Foreign Countries

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

DATA COLLECTION PROCEDURES

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

was also available in narrative translation in 32 languages.

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

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

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

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

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

PROCESSING PROCEDURES

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

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

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

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

Appendix D.—Accuracy of the Data

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INTRODUCTION

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

SAMPLE DESIGN

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

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

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

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

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

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

ERRORS IN THE DATA

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

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

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

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

Calculation of Standard Errors

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

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

- 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.
- Find the geographic area with which you are working in table D and obtain the housing unit "percent in sample" figure for this area.
- Use table C to obtain the factor for the characteristics (e.g., air-

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

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

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

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

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

- For the difference between a sample estimate and a complete-count value, use the standard error of the sample estimate.
- 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.

- 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

<i>Group</i>	
1	Householder
2	Nonhouseholder (including persons in group quarters)

Stage III—Age/Sex/Race/Spanish Origin

<i>Group</i>	<i>White Race</i>
	<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

<i>Group</i>	<i>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>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

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

9-16 Same value categories as groups 1 to 8

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 prec canvass operation.
- A record check was performed to reduce the undercoverage of individual persons in selected areas. Independent lists of persons, such as driver's license holders, were matched with the household rosters in the census listings. Persons not matched to the census rosters were followed up and added to the census counts if they were found to have been missed.
- A recheck of units initially classified as vacant or nonexistent was utilized to further reduce the undercoverage of persons.

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

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

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

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

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

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

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

EDITING OF UNACCEPTABLE DATA

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

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

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

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

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

ALLOCATION TABLES

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

Table A. Unadjusted Standard Errors for Estimated Totals

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

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

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

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

N = Size of area

\hat{Y} = Estimate of characteristic total

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

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

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

Estimated Percentage	Base of percentage ^{1/}													
	500	750	1 000	1 500	2 500	5 000	7 500	10 000	25 000	50 000	100 000	250 000	500 000	
2 or 98.....	1.4	1.1	1.0	0.8	0.6	0.4	0.4	0.3	0.2	0.1	0.1	0.1	0.1	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	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	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	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	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	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	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	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	0.2

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

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

B = Base of estimated percentage

\hat{p} = Estimated percentage

Table C. Standard Error Adjustment Factors

[Percent of persons or housing units in sample]

Characteristic	Less than 19 Percent	19 to 33 Percent	More than 33 Percent
Household type.....	1.1	0.9	0.5
Age and sex of householder.....	1.0	1.0	0.5
Occupancy status.....	1.0	0.7	0.5
Vacant price asked and vacant rent asked..	1.0	0.7	0.5
Tenure.....	1.1	0.9	0.5
Units in structure.....	1.0	0.9	0.6
Stories in structure.....	0.9	0.9	0.4
Passenger elevator.....	0.9	0.9	0.5
Persons in unit.....	1.1	0.9	0.5
Year structure built.....	1.0	0.8	0.5
Year householder moved into housing unit.....	1.1	0.9	0.5
Heating equipment and fuel.....	1.1	0.8	0.5
Number of bedrooms.....	1.1	0.9	0.5
Rooms.....	1.1	0.9	0.5
Telephone in housing unit.....	1.0	0.8	0.5
Air conditioning.....	1.1	0.9	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.....	1.1	0.9	0.5
Mortgage status and selected monthly owner costs.....	1.1	0.8	0.5
Household income.....	1.1	0.9	0.5
Poverty status: Housing.....	1.1	0.9	0.5
Existence of complete plumbing for exclusive use with 1.01 persons per room or more.....	1.1	0.8	0.5
Value.....	1.0	1.0	0.5

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

(For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B)

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

Housing units	
100-percent count	Percent in sample
42 680	21.9
32 984	16.4

The SMSA -----

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

Sioux Falls city -----



Appendix E.—Facsimiles of Respondent Instructions and Questionnaire Pages

INSTRUCTIONS FOR QUESTIONS 1 THROUGH 10

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

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

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

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

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

INSTRUCTIONS FOR QUESTIONS H4 THROUGH H12

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

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

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

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

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

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

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

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

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

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

INSTRUCTIONS FOR QUESTIONS H13 THROUGH H20

H13. Mark only one circle.

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

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

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

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

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

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

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

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

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

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

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

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

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

A *floor, wall, or pipeless furnace* delivers warm air to the room right above the furnace or to the room(s) on one or both sides of the wall in which the furnace is installed and does not have ducts leading to other rooms.

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

INSTRUCTIONS FOR QUESTIONS H21 THROUGH H32

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

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

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

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

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

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

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

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

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

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

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

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

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

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

INSTRUCTIONS FOR QUESTIONS 11 THROUGH 14

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

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

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

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

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

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

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

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

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

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

INSTRUCTIONS FOR QUESTIONS 15 THROUGH 20

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

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

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

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

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

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

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

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

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

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

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

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

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

INSTRUCTIONS FOR QUESTIONS 21 THROUGH 26

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

Count as work:

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

Work in own business, professional practice, or farm.

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

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

Active duty in Armed Forces.

Do not count as work:

Housework or yard work at home.

Unpaid volunteer work.

Work done as a resident of an institution.

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

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

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

- 24a. Travel time is from door to door. Include time taken waiting for public transportation, picking up passengers in carpools, etc.
- b. Mark **Worked at home** for a person who works on a farm where he or she lives, or in an office or shop in the person's home.
- c. If the person was driven to work by someone who then drove back home or to a non-work destination, mark **Drive alone**.
- d. Do not include riders who rode to school or some other non-work destination.

- 25. If the person works only during certain seasons or on a day-to-day basis when work is available, mark **No**.

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

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

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

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

INSTRUCTIONS FOR QUESTIONS 27 THROUGH 29

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

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

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

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

Unacceptable

Furniture company

Grocery store

Oil company

Ranch

Acceptable

Metal furniture manufacturing

Wholesale grocery store

Retail gas station

Cattle ranch

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

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

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

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

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

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

Unacceptable

Clerk

Helper

Mechanic

Nurse

Acceptable

Production clerk

Carpenter's helper

Auto engine mechanic

Registered nurse

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

INSTRUCTIONS FOR QUESTIONS 30 THROUGH 33

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

1980 Census of the United States

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

DO	A1	A2	A4	A5	A6
				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 answers are provided for everyone here.

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

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

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

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

Please start by answering Question 1 below.

Question 1

List in Question 1

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

Do Not List in Question 1

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

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

Note

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

Then please:

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

Please continue →

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

→ **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:	
<input type="radio"/> Husband/wife	<input type="radio"/> Father/mother
<input type="radio"/> Son/daughter	<input type="radio"/> Other relative
<input type="radio"/> Brother/sister	
If not related to person in column 1:	
<input type="radio"/> Roomer, boarder	<input type="radio"/> Other nonrelative
<input type="radio"/> Partner, roommate	
<input type="radio"/> Paid employee	
<input type="radio"/> Male	<input type="radio"/> Female
<input type="radio"/> White <input type="radio"/> Asian Indian <input type="radio"/> Black or Negro <input type="radio"/> Hawaiian <input type="radio"/> Japanese <input type="radio"/> Guamanian <input type="radio"/> Chinese <input type="radio"/> Samoan <input type="radio"/> Filipino <input type="radio"/> Eskimo <input type="radio"/> Korean <input type="radio"/> Aleut <input type="radio"/> Vietnamese <input type="radio"/> Other — Specify <input type="radio"/> Indian (Amer.) Print tribe →	
a. Age at last birthday	c. Year of birth
1 ● 8 0 0 0 9 1 1 0 2 0 2 0 3 0 3 0 4 0 4 0 5 0 5 0 6 0 6 0 7 0 7 0 8 0 8 0 9 0 9 0	
b. Month of birth	
<input type="radio"/> Jan.—Mar. <input type="radio"/> Apr.—June <input type="radio"/> July—Sept. <input type="radio"/> Oct.—Dec.	
<input type="radio"/> Now married <input type="radio"/> Separated <input type="radio"/> Widowed <input type="radio"/> Never married <input type="radio"/> Divorced	
<input type="radio"/> No (not Spanish/Hispanic) <input type="radio"/> Yes, Mexican, Mexican-Amer., Chicano <input type="radio"/> Yes, Puerto Rican <input type="radio"/> Yes, Cuban <input type="radio"/> Yes, other Spanish/Hispanic	
<input type="radio"/> No, has not attended since February 1 <input type="radio"/> Yes, public school, public college <input type="radio"/> Yes, private, church-related <input type="radio"/> Yes, private, not church-related	
Highest grade attended:	
<input type="radio"/> Nursery school <input type="radio"/> Kindergarten Elementary through high school (grade or year) 1 2 3 4 5 6 7 8 9 10 11 12 <input type="radio"/> College (academic year) 1 2 3 4 5 6 7 8 or more <input type="radio"/> Never attended school—Skip question 10	
<input type="radio"/> Now attending this grade (or year) <input type="radio"/> Finished this grade (or year) <input type="radio"/> Did not finish this grade (or year)	
CENSUS USE ONLY	A. <input type="radio"/> I <input type="radio"/> N <input type="radio"/> 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

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

<p>H13. Which best describes this building? <i>Include all apartments, flats, etc., even if vacant.</i></p> <p> <input type="radio"/> A mobile home or trailer <input type="radio"/> A one-family house detached from any other house <input type="radio"/> A one-family house attached to one or more houses <input type="radio"/> A building for 2 families <input type="radio"/> A building for 3 or 4 families <input type="radio"/> A building for 5 to 9 families <input type="radio"/> A building for 10 to 19 families <input type="radio"/> A building for 20 to 49 families <input type="radio"/> A building for 50 or more families <input type="radio"/> A boat, tent, van, etc. </p>	<p>H21 a. Which fuel is used most for house heating?</p> <p> <input type="radio"/> Gas: from underground pipes serving the neighborhood <input type="radio"/> Gas: bottled, tank, or LP <input type="radio"/> Electricity <input type="radio"/> Fuel oil, kerosene, etc. </p> <p> <input type="radio"/> Coal or coke <input type="radio"/> Wood <input type="radio"/> Other fuel <input type="radio"/> No fuel used </p>	<p>CENSUS USE</p>
<p>H14a. How many stories (floors) are in this building? <i>Count an attic or basement as a story if it has any finished rooms for living purposes.</i></p> <p> <input type="radio"/> 1 to 3 — Skip to H15 <input type="radio"/> 7 to 12 <input type="radio"/> 4 to 6 <input type="radio"/> 13 or more stories </p>	<p>b. Which fuel is used most for water heating?</p> <p> <input type="radio"/> Gas: from underground pipes serving the neighborhood <input type="radio"/> Gas: bottled, tank, or LP <input type="radio"/> Electricity <input type="radio"/> Fuel oil, kerosene, etc. </p> <p> <input type="radio"/> Coal or coke <input type="radio"/> Wood <input type="radio"/> Other fuel <input type="radio"/> No fuel used </p>	<p>H22a.</p> <p> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> </p>
<p>b. Is there a passenger elevator in this building?</p> <p> <input type="radio"/> Yes <input type="radio"/> No </p>	<p>c. Which fuel is used most for cooking?</p> <p> <input type="radio"/> Gas: from underground pipes serving the neighborhood <input type="radio"/> Gas: bottled, tank, or LP <input type="radio"/> Electricity <input type="radio"/> Fuel oil, kerosene, etc. </p> <p> <input type="radio"/> Coal or coke <input type="radio"/> Wood <input type="radio"/> Other fuel <input type="radio"/> No fuel used </p>	<p>H22b.</p> <p> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> </p>
<p>H15a. Is this building —</p> <p> <input type="radio"/> On a city or suburban lot, or on a place of less than 1 acre? — Skip to H16 <input type="radio"/> On a place of 1 to 9 acres? <input type="radio"/> On a place of 10 or more acres? </p>	<p>H22. What are the costs of utilities and fuels for your living quarters?</p> <p>a. Electricity</p> <p>\$ _____ .00 OR <input type="radio"/> Included in rent or no charge _____ <i>Average monthly cost</i> <input type="radio"/> Electricity not used</p>	<p>H22c.</p> <p> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> </p>
<p>b. Last year, 1979, did sales of crops, livestock, and other farm products from this place amount to —</p> <p> <input type="radio"/> Less than \$50 (or None) <input type="radio"/> \$250 to \$599 <input type="radio"/> \$1,000 to \$2,499 <input type="radio"/> \$50 to \$249 <input type="radio"/> \$600 to \$999 <input type="radio"/> \$2,500 or more </p>	<p>b. Gas</p> <p>\$ _____ .00 OR <input type="radio"/> Included in rent or no charge _____ <i>Average monthly cost</i> <input type="radio"/> Gas not used</p>	<p>H22d.</p> <p> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> </p>
<p>H16. Do you get water from —</p> <p> <input type="radio"/> A public system (city water department, etc.) or private company? <input type="radio"/> An individual drilled well? <input type="radio"/> An individual dug well? <input type="radio"/> Some other source (a spring, creek, river, cistern, etc.)? </p>	<p>c. Water</p> <p>\$ _____ .00 OR <input type="radio"/> Included in rent or no charge _____ <i>Yearly cost</i> <input type="radio"/> These fuels not used</p>	<p>H22e.</p> <p> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> </p>
<p>H17. Is this building connected to a public sewer?</p> <p> <input type="radio"/> Yes, connected to public sewer <input type="radio"/> No, connected to septic tank or cesspool <input type="radio"/> No, use other means </p>	<p>H23. Do you have complete kitchen facilities? Complete kitchen facilities are a sink with piped water, a range or cookstove, and a refrigerator.</p> <p> <input type="radio"/> Yes <input type="radio"/> No </p>	<p>H22f.</p> <p> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> </p>
<p>H18. About when was this building originally built? Mark when the building was first constructed, not when it was remodeled, added to, or converted.</p> <p> <input type="radio"/> 1979 or 1980 <input type="radio"/> 1960 to 1969 <input type="radio"/> 1940 to 1949 <input type="radio"/> 1975 to 1978 <input type="radio"/> 1950 to 1959 <input type="radio"/> 1939 or earlier <input type="radio"/> 1970 to 1974 </p>	<p>H24. How many bedrooms do you have? <i>Count rooms used mainly for sleeping even if used also for other purposes.</i></p> <p> <input type="radio"/> No bedroom <input type="radio"/> 2 bedrooms <input type="radio"/> 4 bedrooms <input type="radio"/> 1 bedroom <input type="radio"/> 3 bedrooms <input type="radio"/> 5 or more bedrooms </p>	<p>H22g.</p> <p> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> </p>
<p>H19. When did the person listed in column 1 move into this house (or apartment)?</p> <p> <input type="radio"/> 1979 or 1980 <input type="radio"/> 1950 to 1959 <input type="radio"/> 1975 to 1978 <input type="radio"/> 1949 or earlier <input type="radio"/> 1970 to 1974 <input type="radio"/> Always lived here <input type="radio"/> 1960 to 1969 </p>	<p>H25. How many bathrooms do you have? <i>A complete bathroom is a room with flush toilet, bathtub or shower, and wash basin with piped water.</i> <i>A half bathroom has at least a flush toilet or bathtub or shower, but does not have all the facilities for a complete bathroom.</i></p> <p> <input type="radio"/> No bathroom, or only a half bathroom <input type="radio"/> 1 complete bathroom <input type="radio"/> 1 complete bathroom, plus half bath(s) <input type="radio"/> 2 or more complete bathrooms </p>	<p>H22h.</p> <p> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> </p>
<p>H20. How are your living quarters heated? <i>Fill one circle for the kind of heat used most.</i></p> <p> <input type="radio"/> Steam or hot water system <input type="radio"/> Central warm-air furnace with ducts to the individual rooms (Do not count electric heat pumps here) <input type="radio"/> Electric heat pump <input type="radio"/> Other built-in electric units (permanently installed in wall, ceiling, or baseboard) <input type="radio"/> Floor, wall, or pipeless furnace <input type="radio"/> Room heaters with flue or vent, burning gas, oil, or kerosene <input type="radio"/> Room heaters without flue or vent, burning gas, oil, or kerosene (not portable) <input type="radio"/> Fireplaces, stoves, or portable room heaters of any kind <input type="radio"/> No heating equipment </p>	<p>H26. Do you have a telephone in your living quarters?</p> <p> <input type="radio"/> Yes <input type="radio"/> No </p>	<p>H22i.</p> <p> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> </p>
<p>H27. Do you have air conditioning?</p> <p> <input type="radio"/> Yes, a central air-conditioning system <input type="radio"/> Yes, 1 individual room unit <input type="radio"/> Yes, 2 or more individual room units <input type="radio"/> No </p>	<p>H28. How many automobiles are kept at home for use by members of your household?</p> <p> <input type="radio"/> None <input type="radio"/> 2 automobiles <input type="radio"/> 1 automobile <input type="radio"/> 3 or more automobiles </p>	<p>H22j.</p> <p> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> </p>
<p>H29. How many vans or trucks of one-ton capacity or less are kept at home for use by members of your household?</p> <p> <input type="radio"/> None <input type="radio"/> 2 vans or trucks <input type="radio"/> 1 van or truck <input type="radio"/> 3 or more vans or trucks </p>	<p>H29. How many vans or trucks of one-ton capacity or less are kept at home for use by members of your household?</p> <p> <input type="radio"/> None <input type="radio"/> 2 vans or trucks <input type="radio"/> 1 van or truck <input type="radio"/> 3 or more vans or trucks </p>	<p>H22k.</p> <p> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> </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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<p>① 2. 4.</p> <p>S.S. <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>Yes <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>No <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/></p>	<p>② 2. 4.</p> <p>S.S. <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>Yes <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>No <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/></p>	<p>③ 2. 4.</p> <p>S.S. <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>Yes <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>No <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/></p>
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<p>④ 2. 4.</p> <p>S.S. <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>Yes <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>No <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/></p>	<p>⑤ 2. 4.</p> <p>S.S. <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>Yes <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>No <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/></p>	<p>⑥ 2. 4.</p> <p>S.S. <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>Yes <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>No <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/></p>
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<p>⑦ 2. 4.</p> <p>S.S. <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>Yes <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>No <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/></p>	<p>GQ. <input checked="" type="checkbox"/></p>	<p>H30. <input checked="" type="checkbox"/></p>	<p>H31. <input checked="" type="checkbox"/></p>	<p>H32c. <input checked="" type="checkbox"/></p>
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<p>Name of Person 1 on page 2:</p> <p style="text-align: center;">Last name First name Middle initial</p> <hr/> <p>11. In what State or foreign country was this person born? <i>Print the State where this person's mother was living when this person was born. Do not give the location of the hospital unless the mother's home and the hospital were in the same State.</i></p> <p style="text-align: center;">Name of State or foreign country, or Puerto Rico, Guam, etc.</p> <hr/> <p>12. If this person was born in a foreign country —</p> <p>a. Is this person a naturalized citizen of the United States?</p> <p><input type="radio"/> Yes, a naturalized citizen <input type="radio"/> No, not a citizen <input type="radio"/> Born abroad of American parents</p> <p>b. When did this person come to the United States to stay?</p> <p><input type="radio"/> 1975 to 1980 <input type="radio"/> 1965 to 1969 <input type="radio"/> 1950 to 1959 <input type="radio"/> 1970 to 1974 <input type="radio"/> 1960 to 1964 <input type="radio"/> Before 1950</p> <p>13a. Does this person speak a language other than English at home?</p> <p><input type="radio"/> Yes <input type="radio"/> No, only speaks English — <i>Skip to 14</i></p> <p>b. What is this language?</p> <p style="text-align: center;">(For example — Chinese, Italian, Spanish, etc.)</p> <p>c. How well does this person speak English?</p> <p><input type="radio"/> Very well <input type="radio"/> Not well <input type="radio"/> Well <input type="radio"/> Not at all</p> <p>14. What is this person's ancestry? If uncertain about how to report ancestry, see instruction guide.</p> <p style="text-align: center;">(For example: Afro-Amer., English, French, German, Honduran, Hungarian, Irish, Italian, Jamaican, Korean, Lebanese, Mexican, Nigerian, Polish, Ukrainian, Venezuelan, etc.)</p> <p>15a. Did this person live in this house five years ago (April 1, 1975)? <i>If in college or Armed Forces in April 1975, report place of residence there.</i></p> <p><input type="radio"/> Born April 1975 or later — <i>Turn to next page for next person</i> <input type="radio"/> Yes, this house — <i>Skip to 16</i> <input type="radio"/> No, different house</p> <p>b. Where did this person live five years ago (April 1, 1975)?</p> <p>(1) State, foreign country, Puerto Rico, Guam, etc.:</p> <p>(2) County:</p> <p>(3) City, town, village, etc.:</p> <p>(4) Inside the incorporated (legal) limits of that city, town, village, etc.?</p> <p><input type="radio"/> Yes <input type="radio"/> No, in unincorporated area</p>	<p>16. When was this person born?</p> <p><input type="radio"/> Born before April 1965 — <i>Please go on with questions 17-33</i></p> <p><input type="radio"/> Born April 1965 or later — <i>Turn to next page for next person</i></p> <p>17. In April 1975 (five years ago) was this person —</p> <p>a. On active duty in the Armed Forces?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p> <p>b. Attending college?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p> <p>c. Working at a job or business?</p> <p><input type="radio"/> Yes, full time <input type="radio"/> No <input type="radio"/> Yes, part time</p> <p>18a. Is this person a veteran of active-duty military service in the Armed Forces of the United States? <i>If service was in National Guard or Reserves only, see instruction guide.</i></p> <p><input type="radio"/> Yes <input type="radio"/> No — <i>Skip to 19</i></p> <p>b. Was active-duty military service during — <i>Fill a circle for each period in which this person served.</i></p> <p><input type="radio"/> May 1975 or later <input type="radio"/> Vietnam era (August 1964—April 1975) <input type="radio"/> February 1955—July 1964 <input type="radio"/> Korean conflict (June 1950—January 1955) <input type="radio"/> World War II (September 1940—July 1947) <input type="radio"/> World War I (April 1917—November 1918) <input type="radio"/> Any other time</p> <p>19. Does this person have a physical, mental, or other health condition which has lasted for 6 or more months and which . . .</p> <table style="width:100%; border: none;"> <tr> <td style="width: 80%;"></td> <td style="text-align: center;">Yes</td> <td style="text-align: center;">No</td> </tr> <tr> <td>a. Limits the kind or amount of work this person can do at a job?</td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> </tr> <tr> <td>b. Prevents this person from working at a job?</td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> </tr> <tr> <td>c. Limits or prevents this person from using public transportation?</td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> </tr> </table> <p>20. If this person is a female —</p> <table style="width:100%; border: none;"> <tr> <td style="width: 10%;"></td> <td style="text-align: center;">None</td> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> <td style="text-align: center;">3</td> <td style="text-align: center;">4</td> <td style="text-align: center;">5</td> <td style="text-align: center;">6</td> </tr> <tr> <td>How many babies has she ever had, not counting stillbirths?</td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> </tr> <tr> <td>Do not count her stepchildren or children she has adopted.</td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> <td style="text-align: center;"><input type="radio"/></td> </tr> </table> <p>21. If this person has ever been married —</p> <p>a. Has this person been married more than once?</p> <p><input type="radio"/> Once <input type="radio"/> More than once</p> <p>b. Month and year of marriage? Month and year of first marriage?</p> <p style="text-align: center;">(Month) (Year) (Month) (Year)</p> <p>c. If married more than once — Did the first marriage end because of the death of the husband (or wife)?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p>		Yes	No	a. Limits the kind or amount of work this person can do at a job?	<input type="radio"/>	<input type="radio"/>	b. Prevents this person from working at a job?	<input type="radio"/>	<input type="radio"/>	c. Limits or prevents this person from using public transportation?	<input type="radio"/>	<input type="radio"/>		None	1	2	3	4	5	6	How many babies has she ever had, not counting stillbirths?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Do not count her stepchildren or children she has adopted.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<p>22a. Did this person work at any time last week?</p> <p><input type="radio"/> Yes — <i>Fill this circle if this person worked full time or part time. (Count part-time work such as delivering papers, or helping without pay in a family business or farm. Also count active duty in the Armed Forces.)</i></p> <p><input type="radio"/> No — <i>Fill this circle if this person did not work, or did only own housework, school work, or volunteer work.</i></p> <p style="text-align: right;">Skip to 25</p> <p>b. How many hours did this person work last week (at all jobs)? <i>Subtract any time off; add overtime or extra hours worked.</i></p> <p style="text-align: right;">Hours</p> <p>23. At what location did this person work last week? <i>If this person worked at more than one location, print where he or she worked most last week.</i></p> <p><i>If one location cannot be specified, see instruction guide.</i></p> <p>a. Address (Number and street)</p> <p style="text-align: center;">(If street address is not known, enter the building name, shopping center, or other physical location description.)</p> <p>b. Name of city, town, village, borough, etc.</p> <p>c. Is the place of work inside the incorporated (legal) limits of that city, town, village, borough, etc.?</p> <p><input type="radio"/> Yes <input type="radio"/> No, in unincorporated area</p> <p>d. County</p> <p>e. State f. ZIP Code</p> <p>24a. Last week, how long did it usually take this person to get from home to work (one way)?</p> <p style="text-align: right;">Minutes</p> <p>b. How did this person usually get to work last week? <i>If this person used more than one method, give the one usually used for most of the distance.</i></p> <p><input type="radio"/> Car <input type="radio"/> Taxicab <input type="radio"/> Truck <input type="radio"/> Motorcycle <input type="radio"/> Van <input type="radio"/> Bicycle <input type="radio"/> Bus or streetcar <input type="radio"/> Walked only <input type="radio"/> Railroad <input type="radio"/> Worked at home <input type="radio"/> Subway or elevated <input type="radio"/> Other — <i>Specify</i></p> <p><i>If car, truck, or van in 24b, go to 24c. Otherwise, skip to 28.</i></p>
	Yes	No																																				
a. Limits the kind or amount of work this person can do at a job?	<input type="radio"/>	<input type="radio"/>																																				
b. Prevents this person from working at a job?	<input type="radio"/>	<input type="radio"/>																																				
c. Limits or prevents this person from using public transportation?	<input type="radio"/>	<input type="radio"/>																																				
	None	1	2	3	4	5	6																															
How many babies has she ever had, not counting stillbirths?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>																															
Do not count her stepchildren or children she has adopted.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>																															
FOR CENSUS USE ONLY																																						
Per. No.	11.	13b.	14.	15b.	23.	VL	24a.																															
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2	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1	1 1 1 1	1 1 1 1																															
3	2 2 2 2	2 2 2 2	2 2 2 2	2 2 2 2 2 2 2 2	2 2 2 2 2 2 2 2	2 2 2 2	2 2 2 2																															
4	3 3 3 3	3 3 3 3	3 3 3 3	3 3 3 3 3 3 3 3	3 3 3 3 3 3 3 3	3 3 3 3	3 3 3 3																															
5	4 4 4 4	4 4 4 4	4 4 4 4	4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4	4 4 4 4	4 4 4 4																															
6	5 5 5 5	5 5 5 5	5 5 5 5	5 5 5 5 5 5 5 5	5 5 5 5 5 5 5 5	5 5 5 5	5 5 5 5																															
7	6 6 6 6	6 6 6 6	6 6 6 6	6 6 6 6 6 6 6 6	6 6 6 6 6 6 6 6	6 6 6 6	6 6 6 6																															
8	7 7 7 7	7 7 7 7	7 7 7 7	7 7 7 7 7 7 7 7	7 7 7 7 7 7 7 7	7 7 7 7	7 7 7 7																															
9	8 8 8 8	8 8 8 8	8 8 8 8	8 8 8 8 8 8 8 8	8 8 8 8 8 8 8 8	8 8 8 8	8 8 8 8																															
0	9 9 9 9	9 9 9 9	9 9 9 9	9 9 9 9 9 9 9 9	9 9 9 9 9 9 9 9	9 9 9 9	9 9 9 9																															

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

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



Appendix F.—Publication and Computer Tape Program

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GENERAL

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

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

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

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

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

PUBLICATIONS

Population and Housing Census Reports

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Population Census Reports

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

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

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

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

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

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

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

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

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

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

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

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

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

1980 census statistics dealing with specific population subjects.

Housing Census Reports

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

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

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

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

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

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

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

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

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

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

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

HC80-5, Volume 5, Residential Finance—This volume consists of one report presenting statistics on the financing of non-farm homeowner and rental and vacant properties, including characteristics of the mortgage, property, and owner. The statistics are based on a sample survey conducted in the spring of 1981. Data are presented for the United States and regions. Some data are presented by inside and outside SMSA's and by central cities.

HC80-S1-1, Supplementary Reports—These reports present statistics from the 1980 Census of Housing on general characteristics of housing units for the 50 States and the District of Columbia, counties, and independent cities.

Evaluation and Reference Reports

PHC80-E, Evaluation and Research Reports—These reports present the results of the extensive evaluation program conducted as an integral part of the 1980 census. This program relates to such matters as completeness of enumeration and quality of the data on characteristics.

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

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

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

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

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

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

COMPUTER TAPES

Summary Tape Files

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

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

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

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

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

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

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

Appendix F.—Publication and Computer Tape Program

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

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

Other Computer Tape Files

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

Master Area Reference Files 1 and 2 (MARF)

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

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

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

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

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

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

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

MAPS

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

MICROFICHE

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

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

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

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

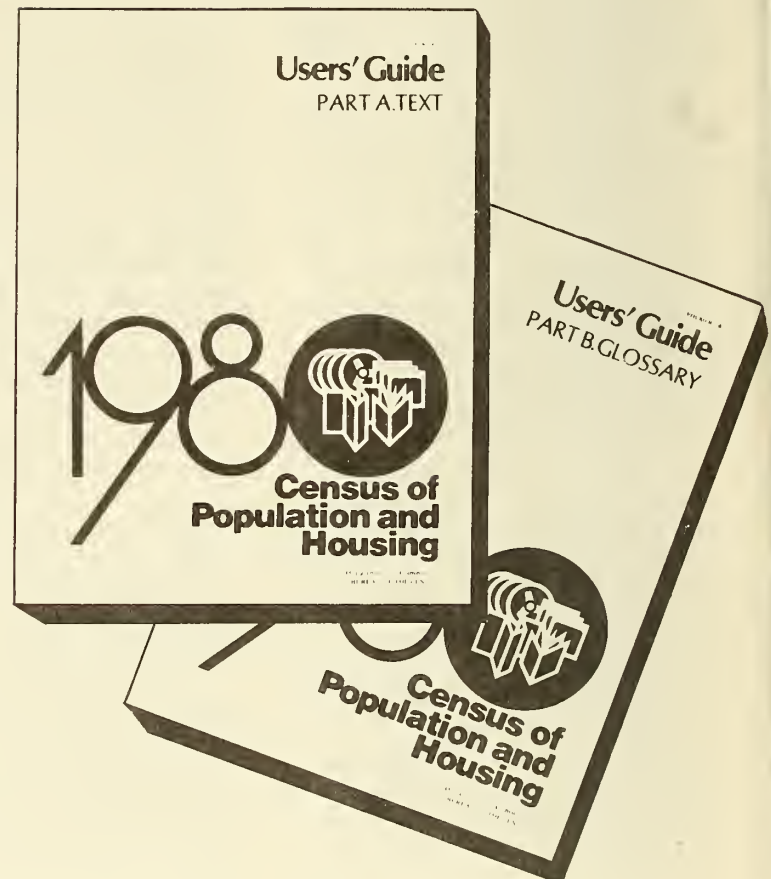
1980 Census of Population and Housing

Users' Guide

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

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

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



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

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