

Metropolitan Housing Characteristics

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STANDARD METROPOLITAN STATISTICAL AREA



Census of Housing

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1980 Census of Housing

VOLUME 2

Metropolitan Housing Characteristics

READING, PA.

HC80-2-298

Issued October 1983



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

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

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

HOUSING DIVISION
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Acknowledgments

Many persons participated in the diverse activities of the 1980 census. These acknowledgments generally reflect staff during the post-census data publication process. The Bureau was guided by Director, **Bruce Chapman** and Deputy Director, **C. L. Kincannon**. Primary direction of the data publication program was performed by **William P. Butz**, Associate Director for Demographic Fields, assisted by **Peter A. Bounpane**, Assistant Director for Demographic Census, in conjunction with **Barbara A. Bailar**, Associate Director for Statistical Standards and Methodology, **Howard N. Hamilton**, Acting Associate Director for Information Technology, **James D. Lincoln**, then Associate Director for Administration, and **Stanley D. Moore**, Associate Director for Field Operations. The Director's staff was assisted by **Sherry L. Courtland**. Direction of the census enumeration and early processing activities was provided by **Vincent P. Barabba**, former Director; **Daniel B. Levine**, former Deputy Director; and **George E. Hall**, former Associate Director.

Responsibility for the overall planning, coordinating, processing, and publication of the 1980 census was in the Decennial Census Division under the direction of **Stanley D. Matchett**, Chief, assisted by **Rachel F. Brown** and **Roger O. Lepage**, Assistant Division Chiefs. The following Branch Chiefs were responsible for support services: **Donald R. Dalzell**, **H. Ray Dennis**, **Stephen E. Goldman**, **Dennis W. Stoudt**, and **Richard R. Warren**.

Responsibility for developing the housing portion of the 1980 census questionnaire content, designing the tabulations, and preparing this report was in the Housing Division under the supervision of **Arthur F. Young**, Chief; **Leonard J. Norry**, Assistant Chief; and **William A. Downs**, Chief, Decennial Planning and Data Services Branch. This report was prepared by **Robert W. Bonnette**, **Carol A. Comisarow**, **Richard G. Knapp**, and **Charles N. Moore**. Important contributions were made by **Carmina F. Young**, Special Assistant.

Administration support was provided by the Administrative Services Division, **Robert L.**

Kirkland, Chief, and **William C. Fanning**, Assistant Chief.

Computer processing was performed in the Computer Services Division, **C. Thomas DiNenna**, Chief, **James E. Steed**, **George M. Bowden**, and **Joseph J. Sferrella**, Assistant Chiefs.

Questionnaire processing procedures were developed in the Decennial Processing Staff, **James S. Werking**, then Chief, under the direction of **Harry O'Haver**, then Assistant Chief. The clerical coding and microfilming of the sample questionnaires were performed at three decennial processing locations as follows: Data Preparation Division, **Don L. Adams**, Chief; Jeffersonville Processing Office, **Robert L. Kirkland**, then Processing Manager; New Orleans Processing Office, **Robert L. Allen**, Chief; and Laguna Niguel Processing Office, **Robert N. Scheller**, Chief.

User services were provided by the Data User Services Division under the supervision of **Michael G. Garland**, Chief, **Marshall L. Turner, Jr.**, and **Pau! T. Zeisset**, Assistant Chiefs.

Data collection activities were supervised in the Field Division by **Lawrence T. Love**, Chief, under the direction of **Richard Blass**, **Charles Hancock**, and **George T. Reiner**, Assistant Chiefs, with the assistance of the directors and assistant directors of the Bureau's regional offices.

Geographic programs and plans were developed in the Geography Division under the direction of **Robert W. Marx**, Chief; **Joseph J. Knott** and **Silla G. Tomasi**, Assistant Chiefs; and **Donald I. Hirschfeld**, Special Assistant.

Publications editing, design, composition, and printing procurement were performed by the staff of the Publications Services Division, **Raymond J. Koski**, Chief; **Milton S. Andersen**, **Arlene C. Duckett**, and **Gerald A. Mann**, Branch Chiefs.

The Statistical Methods Division was largely responsible for weighting sample data and

producing variance estimates. This work was supervised by **Charles D. Jones**, Chief; **Susan M. Miskura** and **Robert T. O'Reagan**, Assistant Chiefs. Important contributions were made by **David H. Diskin**, **Milton C. Fan**, **Thomas W. Harahush**, **Robert S. Jewett**, **J. Kim**, **Teresa A. Passalacqua**, **Charles E. Talbert**, **John H. Thompson**, and **Henry F. Woltman**.

The system design, technical specifications, assembly, and installation of the FOSDIC and Automated Camera Technology System were the responsibility of the Technical Services Division, **C. Thomas DiNenna**, Acting Chief, and **Robert J. Varson**, Branch Chief.

Many other persons participated in the various activities of the 1980 census. For a list of key personnel, refer to the *History of the 1980 Census of Population and Housing*, (PHC80-R2).

Library of Congress Cataloging in Publication Data

1980 census of housing. Volume 2, Metropolitan housing characteristics.

HC80-2-
Issued August 1983—

1. Housing—United States—Statistics. 2. Households—United States—Statistics. 3. United States—Census, 20th, 1980. I. United States. Bureau of the Census. II. Title: Metropolitan housing characteristics.

HD7293.A6114 312'.9'0973 81-607957
AACR2

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7	Colorado	47	Vermont	83	Bangor, Maine	120	Chico, Calif.
8	Connecticut	48	Virginia	84	Baton Rouge, La.	121	Cincinnati, Ohio-Ky.-Ind.
9	Delaware	49	Washington	85	Battle Creek, Mich.	122	Clarksville-Hopkinsville, Tenn.-Ky.
10	Not assigned	50	West Virginia	86	Bay City, Mich.	123	Cleveland, Ohio
11	Florida	51	Wisconsin	87	Beaumont-Port Arthur- Orange, Tex.	124	Colorado Springs, Colo.
12	Georgia	52	Wyoming	88	Bellingham, Wash.	125	Columbia, Mo.
13	Hawaii	53	Puerto Rico	89	Benton Harbor, Mich.	126	Columbia, S.C.
14	Idaho	54	Not assigned	90	Billings, Mont.	127	Columbus, Ga.-Ala.
15	Illinois	55	Not assigned	91	Biloxi-Gulfport, Miss.	128	Columbus, Ohio
16	Indiana	56	Not assigned	92	Binghamton, N.Y.-Pa.	129	Corpus Christi, Tex.
17	Iowa	57	Not assigned	93	Birmingham, Ala.	130	Cumberland, Md.-W. Va.
18	Kansas	58	Abilene, Tex.	94	Bismarck, N. Dak.	131	Dallas-Fort Worth, Tex.
19	Kentucky	59	Akron, Ohio	95	Bloomington, Ind.	132	Danbury, Conn.
20	Louisiana	60	Albany, Ga.	96	Bloomington-Normal, Ill.	133	Danville, Va.
21	Maine	61	Albany-Schenectady- Troy, N.Y.	97	Boise City, Idaho	134	Davenport-Rock Island- Moline, Iowa-Ill.
22	Maryland	62	Albuquerque, N. Mex.	98	Boston, Mass.	135	Dayton, Ohio
23	Massachusetts	63	Alexandria, La.	99	Bradenton, Fla.	136	Daytona Beach, Fla.
24	Michigan	64	Allentown-Bethlehem-Easton, Pa.-N.J.	100	Bremerton, Wash.	137	Decatur, Ill.
25	Minnesota	65	Altoona, Pa.	101	Bridgeport, Conn.	138	Denver-Boulder, Colo.
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34	New York	74	Arecibo, P.R.	110	Canton, Ohio	147	Enid, Okla.
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149	Eugene-Springfield, Oreg.	188	Iowa City, Iowa	228	Lowell, Mass.-N.H.		
150	Evansville, Ind.-Ky.	189	Jackson, Mich.	229	Lubbock, Tex.		
		190	Jackson, Miss.	230	Lynchburg, Va.	266	Northeast Pennsylvania
151	Fall River, Mass.-R.I.					267	Norwalk, Conn.
152	Fargo-Moorhead, N. Dak.-Minn.	191	Jacksonville, Fla.	231	Macon, Ga.	268	Ocala, Fla.
		192	Jacksonville, N.C.	232	Madison, Wis.	269	Odessa, Tex.
153	Fayetteville, N.C.	193	Janesville-Beloit, Wis.	233	Manchester, N.H.	270	Oklahoma City, Okla.
154	Fayetteville-Springdale, Ark.	194	Jersey City, N.J.	234	Mansfield, Ohio		
155	Fitchburg-Leominster, Mass.	195	Johnson City-Kingsport-Bristol, Tenn.-Va.	235	Mayagüez, P.R.	271	Olympia, Wash.
				236	McAllen-Pharr-Edinburg, Tex.	272	Omaha, Nebr.-Iowa
156	Flint, Mich.	196	Johnstown, Pa.	237	Medford, Oreg.	273	Orlando, Fla.
157	Florence, Ala.	197	Joplin, Mo.	238	Melbourne-Titusville-Cocoa, Fla.	274	Owensboro, Ky.
158	Florence, S.C.	198	Kalamazoo-Portage, Mich.			275	Oxnard-Simi Valley-Ventura, Calif.
159	Fort Collins, Colo.	199	Kankakee, Ill.				
160	Fort Lauderdale-Hollywood, Fla.	200	Kansas City, Mo.-Kans.	239	Memphis, Tenn.-Ark.-Miss.	276	Panama City, Fla.
		201	Kenosha, Wis.	240	Meriden, Conn.	277	Parkersburg-Marietta, W. Va.-Ohio
161	Fort Myers-Cape Coral, Fla.	202	Killeen-Temple, Tex.			278	Pascagoula-Moss Point, Miss.
162	Fort Smith, Ark.-Okla.	203	Knoxville, Tenn.	241	Miami, Fla.	279	Paterson-Clifton-Passaic, N.J.
163	Fort Walton Beach, Fla.	204	Kokomo, Ind.	242	Midland, Tex.	280	Pensacola, Fla.
164	Fort Wayne, Ind.	205	La Crosse, Wis.	243	Milwaukee, Wis.		
165	Fresno, Calif.			244	Minneapolis-St. Paul, Minn.-Wis.	281	Peoria, Ill.
		206	Lafayette, La.	245	Mobile, Ala.	282	Petersburg-Colonial Heights-Hopewell, Va.
166	Gadsden, Ala.	207	Lafayette-West Lafayette, Ind.			283	Philadelphia, Pa.-N.J.
167	Gainesville, Fla.	208	Lake Charles, La.	246	Modesto, Calif.	284	Phoenix, Ariz.
168	Galveston-Texas City, Tex.	209	Lakeland-Winter Haven, Fla.	247	Monroe, La.	285	Pine Bluff, Ark.
169	Gary-Hammond-East Chicago, Ind.	210	Lancaster, Pa.	248	Montgomery, Ala.		
170	Glens Falls, N.Y.			249	Muncie, Ind.	286	Pittsburgh, Pa.
		211	Lansing-East Lansing, Mich.	250	Muskegon-Norton Shores-Muskegon Heights, Mich.	287	Pittsfield, Mass.
171	Grand Forks, N.Dak.-Minn.	212	Laredo, Tex.			288	Ponce, P.R.
172	Grand Rapids, Mich.	213	Las Cruces, N. Mex.	251	Nashua, N.H.	289	Portland, Maine
173	Great Falls, Mont.	214	Las Vegas, Nev.	252	Nashville-Davidson, Tenn.	290	Portland, Oreg.-Wash.
174	Greeley, Colo.	215	Lawrence, Kans.	253	Nassau-Suffolk, N.Y.		
175	Green Bay, Wis.			254	New Bedford, Mass.	291	Portsmouth-Dover-Rochester, N.H.-Maine
		216	Lawrence-Haverhill, Mass.-N.H.	255	New Britain, Conn.	292	Poughkeepsie, N.Y.
176	Greensboro-Winston-Salem-High Point, N.C.	217	Lawton, Okla.	256	New Brunswick-Perth Amboy-Sayreville, N.J.	293	Providence-Warwick-Pawtucket, R.I.-Mass.
177	Greenville-Spartanburg, S.C.	218	Lewiston-Auburn, Maine			294	Provo-Orem, Utah
178	Hagerstown, Md.	219	Lexington-Fayette, Ky.	257	New Haven-West Haven, Conn.	295	Pueblo, Colo.
179	Hamilton-Middletown, Ohio	220	Lima, Ohio				
180	Harrisburg, Pa.			258	New London-Norwich, Conn.-R.I.	296	Racine, Wis.
		221	Lincoln, Nebr.	259	New Orleans, La.	297	Raleigh-Durham, N.C.
181	Hartford, Conn.	222	Little Rock-North Little Rock, Ark.	260	New York, N.Y.-N.J.	298	Reading, Pa.
182	Hickory, N.C.	223	Long Branch-Asbury Park, N.J.			299	Redding, Calif.
183	Honolulu, Hawaii			261	Newark, N.J.	300	Reno, Nev.
184	Houston, Tex.	224	Longview-Marshall, Tex.	262	Newark, Ohio		
185	Huntington-Ashland, W. Va.-Ky.-Ohio	225	Lorain-Elyria, Ohio	263	Newburgh-Middletown, N.Y.	301	Richland-Kennewick-Pasco, Wash.
				264	Newport News-Hampton, Va.	302	Richmond, Va.
186	Huntsville, Ala.	226	Los Angeles-Long Beach, Calif.			303	Riverside-San Bernardino-Ontario, Calif.

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304	Roanoke, Va.	323	San Juan, P.R.	343	State College, Pa.	362	Vineland-Millville-Bridgeton, N.J.
305	Rochester, Minn.	324	Santa Barbara-Santa Maria-Lompoc, Calif.	344	Steubenville-Weirton, Ohio-W. Va.	363	Visalia-Tulare-Porterville, Calif.
306	Rochester, N.Y.	325	Santa Cruz, Calif.	345	Stockton, Calif.	364	Waco, Tex.
307	Rockford, Ill.					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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320	San Diego, Calif.	339	Springfield, Mo.	359	Utica-Rome, N.Y.	378	York, Pa.
		340	Springfield, Ohio	360	Vallejo-Fairfield-Napa, Calif.	379	Youngstown-Warren, Ohio
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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

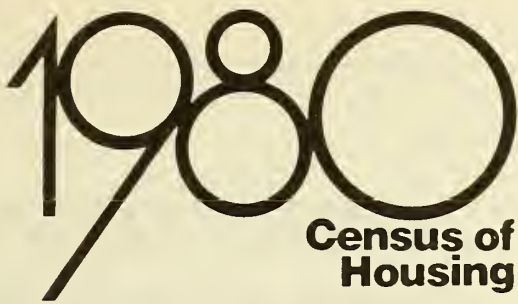
To maintain the confidentiality promised respondents and required by law, the Census Bureau takes precautions that its published data do not disclose information about specific individuals and housing units. To accomplish this, the Bureau suppresses data for characteristics which are based on a small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

READING, PA.

STANDARD METROPOLITAN STATISTICAL AREA

HC80-2-298

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Arrangement of Tables

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

	Page
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List of Tables —shows the table numbers and titles for each of the 68 tables	X
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Tables for the total SMSA have the prefix letter "A"; tables for central cities and places of 50,000 inhabitants or more, in alphabetical order, have the prefix letter "B," "C," etc.

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		Total	White	Black	American Indian, Eskimo, and Aleut	Asian and Pacific Islander	Spanish Origin
		Pages	Pages	Pages	Pages	Pages	Pages
SMSA total	A	1 to 12	—	—	—	—	—
Reading	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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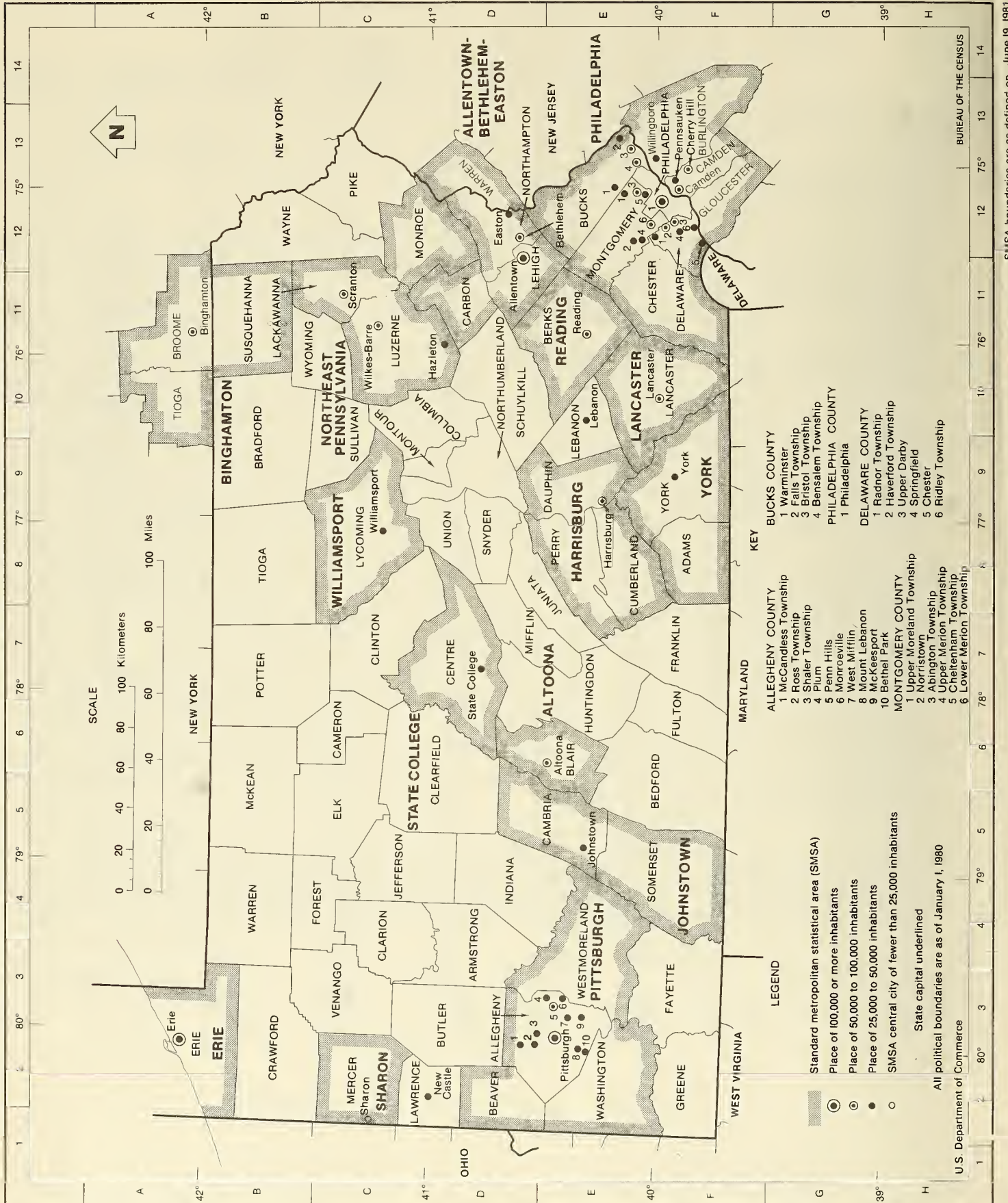
Table Finding Guide— Cross-Classification of Subjects by Table Number

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	—	—

Standard Metropolitan Statistical Areas, Counties, and Selected Places



CORRECTION NOTE

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

NOTE TO USERS:

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

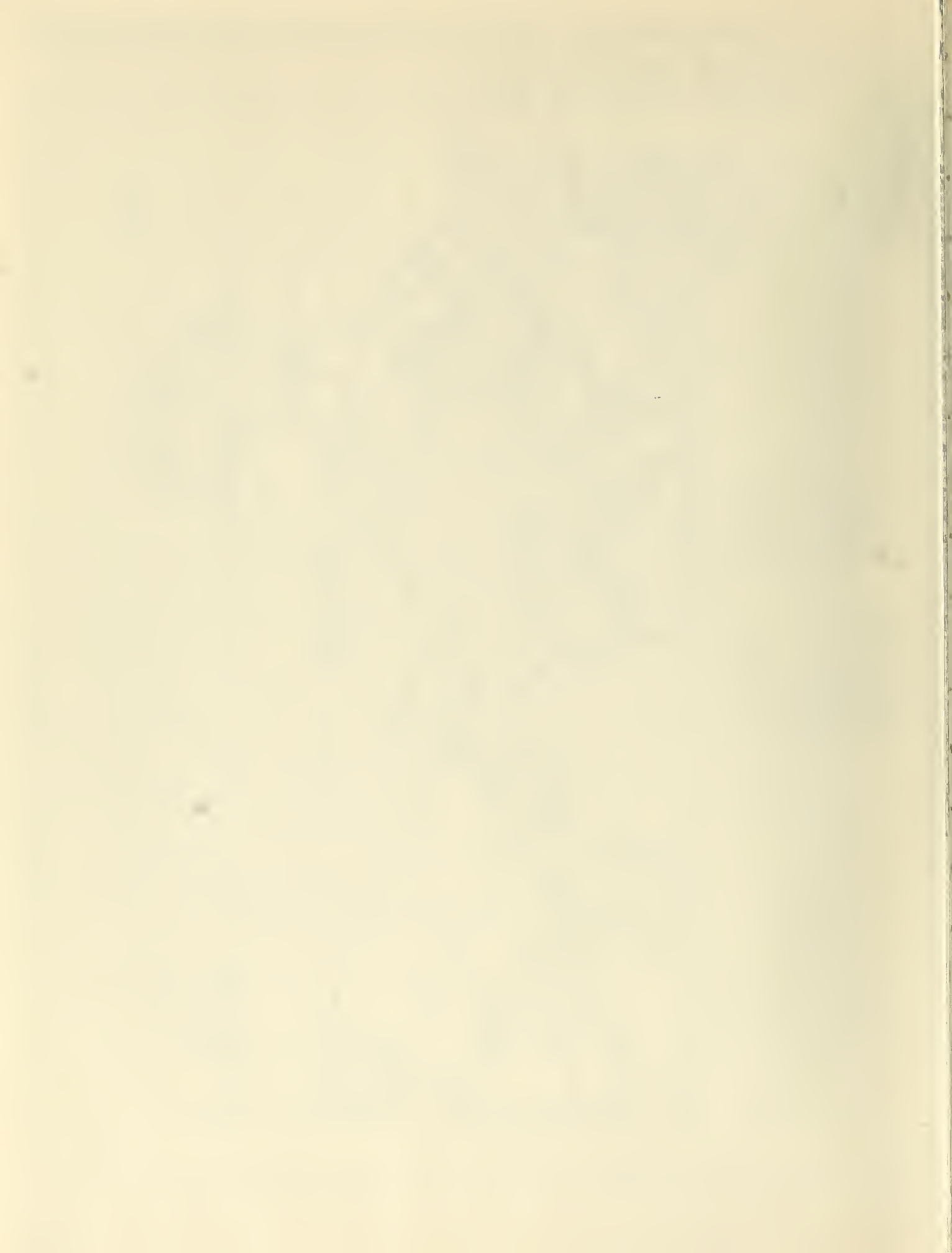


Table A-1. Value of Owner-Occupied Housing Units: 1980

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

The SMSA	Total	Less than \$10,000	\$10,000 to \$19,999	\$20,000 to \$29,999	\$30,000 to \$39,999	\$40,000 to \$49,999	\$50,000 to \$59,999	\$60,000 to \$79,999	\$80,000 to \$99,999	\$100,000 to \$149,999	\$150,000 or more	Median (dollars)	Mean (dollars)
Specified owner-occupied housing units	67 661	2 205	8 998	11 545	12 242	11 404	8 459	8 884	2 295	1 232	397	39 000	42 500
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families	50 860	941	5 307	7 981	9 207	9 056	7 094	7 787	2 054	1 114	319	42 000	45 400
15 to 24 years	1 140	27	117	192	316	269	132	66	21	-	-	36 500	38 200
25 to 34 years	10 052	59	.04	1 191	1 748	2 076	1 735	1 770	463	176	30	45 800	47 900
35 to 44 years	9 851	96	.34	1 233	1 622	1 624	1 542	2 074	536	316	74	47 300	50 600
45 to 64 years	21 448	379	2 124	3 414	3 956	3 911	2 928	3 181	884	491	180	42 000	45 700
65 years and over	8 369	380	1 528	1 951	1 565	1 176	757	696	150	131	35	31 900	36 500
Male householder, no wife present	5 281	419	1 119	1 137	957	682	428	374	81	51	33	29 600	34 300
15 to 24 years	175	-	30	17	41	70	14	3	-	-	-	39 800	36 000
25 to 34 years	886	36	111	194	157	167	130	63	11	15	2	36 100	38 300
35 to 44 years	657	18	94	132	136	88	42	113	27	7	-	35 100	40 900
45 to 64 years	1 703	116	407	373	295	195	140	119	30	12	16	27 500	34 200
65 years and over	1 860	249	477	421	328	162	102	76	13	17	15	24 900	30 100
Female householder, no husband present	11 520	845	2 572	2 427	2 078	1 666	937	723	160	67	45	29 500	33 100
15 to 24 years	71	5	18	31	8	-	7	2	-	-	-	22 200	25 700
25 to 34 years	697	42	126	149	147	126	43	50	2	2	10	32 400	35 200
35 to 44 years	904	17	142	165	165	156	130	95	28	6	-	37 500	39 800
45 to 64 years	3 878	267	814	824	636	630	381	243	61	7	15	30 500	33 600
65 years and over	5 970	514	1 472	1 258	1 122	754	376	333	69	52	20	27 400	31 700
Median age	52.3	65.5	60.3	56.5	53.4	49.7	47.5	46.0	46.2	48.6	49.4	...	...
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980	5 061	61	398	611	651	1 009	862	1 008	298	131	32	47 900	50 300
1975 to 1978	12 959	241	1 005	1 461	2 239	2 417	2 076	2 321	694	403	102	46 100	49 700
1970 to 1974	10 179	235	1 048	1 525	1 727	1 759	1 426	1 627	522	216	94	42 900	46 500
1960 to 1969	15 974	438	1 866	2 536	2 942	2 796	2 119	2 434	475	256	112	40 600	43 600
1959 or earlier	23 488	1 230	4 681	5 412	4 683	3 423	1 976	1 494	306	226	57	30 800	34 200
ROOMS													
1 to 3 rooms	901	125	245	193	172	54	63	33	13	3	-	22 500	27 300
4 rooms	5 247	347	946	1 197	1 326	846	399	134	25	22	5	31 000	31 900
5 rooms	12 457	557	1 834	2 255	2 784	2 691	1 394	757	127	46	12	35 600	36 300
6 rooms	21 270	612	2 607	3 723	4 680	4 304	2 835	2 032	359	85	33	37 900	39 100
7 rooms	13 280	306	1 480	1 715	1 919	2 176	2 150	2 659	604	243	28	45 100	46 400
8 or more rooms	14 506	258	1 886	2 462	1 361	1 333	1 618	3 269	1 167	833	319	49 600	53 900
Median	6.2	5.6	6.1	6.1	5.9	6.0	6.3	7.1	7.5	8.1	8.5+	...	...
BEDROOMS													
None	63	-	4	21	8	6	14	2	8	-	-	36 300	42 400
1	1 637	216	348	354	395	166	84	61	7	6	-	26 300	28 300
2	13 826	908	2 466	2 850	3 088	2 228	1 259	761	159	79	28	32 200	34 000
3	36 547	755	3 894	5 329	6 814	7 198	5 489	5 367	1 132	466	103	41 900	43 700
4	11 683	176	1 352	1 840	1 445	1 570	1 389	2 399	811	531	170	46 600	51 200
5 or more	3 905	150	934	1 151	492	236	224	294	178	150	96	26 100	40 100
YEAR STRUCTURE BUILT													
1975 to March 1980	5 982	15	30	134	425	1 110	1 278	1 901	644	381	64	60 000	64 400
1970 to 1974	4 873	28	100	264	627	948	1 002	1 261	457	137	49	54 000	57 500
1960 to 1969	8 603	41	172	489	958	1 815	1 885	2 441	428	263	111	53 500	57 100
1950 to 1959	10 981	127	568	1 177	2 147	2 716	2 004	1 666	313	182	81	45 100	47 700
1940 to 1949	5 711	216	633	1 062	1 436	1 132	667	429	62	50	24	36 300	38 400
1939 or earlier	31 511	1 778	7 495	8 419	6 649	3 683	1 623	1 186	391	219	68	27 000	30 900
HOUSEHOLD INCOME IN 1979													
Less than \$5,000	4 625	582	1 253	1 044	683	499	275	223	40	16	10	24 100	28 600
\$5,000 to \$9,999	7 942	646	1 898	1 940	1 462	1 018	528	335	68	35	12	26 900	30 400
\$10,000 to \$14,999	4 265	185	916	1 049	769	662	325	270	45	37	7	29 800	33 400
\$15,000 to \$19,999	4 112	163	775	918	900	587	436	247	58	19	9	32 100	34 800
\$20,000 to \$24,999	10 800	228	1 573	1 980	2 647	1 850	1 212	956	229	108	17	35 900	38 500
\$25,000 to \$29,999	11 258	193	1 113	1 764	2 177	2 347	1 782	1 498	287	76	21	41 500	42 700
\$30,000 to \$34,999	15 236	166	1 056	2 028	2 539	2 997	2 486	2 992	720	209	43	45 800	47 800
\$35,000 to \$49,999	6 952	40	347	643	887	1 270	1 102	1 737	519	340	67	52 200	55 900
\$50,000 or more	2 471	2	67	179	178	174	313	626	329	392	211	69 200	80 800
Median	\$20 871	\$8 891	\$13 894	\$17 056	\$19 387	\$22 233	\$24 066	\$27 510	\$30 173	\$39 046	\$52 144	...	...
Mean	\$22 581	\$11 518	\$15 538	\$18 311	\$20 460	\$22 832	\$25 839	\$29 413	\$33 737	\$43 299	\$74 878	...	...
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
With a mortgage	32 670	418	2 748	4 243	5 513	6 155	5 130	5 859	1 599	795	210	45 200	48 300
Less than 15 percent	11 469	78	1 086	1 655	1 983	2 153	1 654	1 981	511	285	79	44 200	47 700
15 to 19 percent	7 709	83	645	994	1 334	1 556	1 253	1 393	271	147	33	44 500	47 100
20 to 24 percent	5 437	41	287	624	995	1 006	896	1 000	383	163	42	47 500	51 300
25 to 29 percent	3 138	39	258	333	473	564	567	612	216	61	15	48 200	49 800
30 to 34 percent	1 739	46	152	206	260	335	316	319	68	25	12	45 600	47 200
35 percent or more	3 063	130	302	412	465	519	442	508	146	110	29	43 700	47 500
Not computed	115	1	18	19	3	22	2	46	4	-	-	46 600	46 500
Median	18.1	25.8	17.2	17.3	17.9	17.9	18.6	18.3	20.2	18.7	18.9	...	...
Not mortgaged	34 991	1 787	6 250	7 302	6 729	5 249	3 329	3 025	696	437	187	33 000	37 000
Less than 10 percent	15 321	473	2 171	2 917	3 104	2 585	1 654	1 701	365	242	109	36 700	40 600
10 to 14 percent	7 504	306	1 327	1 642	1 462	1 080	751	640	156	106	34	32 800	37 100
15 to 19 percent	3 969	276	718	913	785	572	335	250	76	31	12	30 900	34 400
20 to 24 percent	2 291	192	560	471	454	287	132	102	56	27	10	27 900	32 500
25 to 29 percent	1 646	128	462	393	205	226	131	77	6	6	12	26 100	30 900
30 to 34 percent	1 152	83	289	267	262	117	83	36	7	8	-	27 200	30 100
35 percent or more	2 926	324	679	675	438	348	220	199	28	10	5	26 500	30 700
Not computed	182	5	44	24	19	34	23	19	2	7	5	39 600	44 400
Median	11.4	17.0	13.5	12.2									

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	29 926	2 647	3 623	6 255	6 368	4 873	2 322	1 305	764	236	1 533	212
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER												
Married-couple families	10 503	203	613	1 792	2 529	2 096	1 174	714	438	163	781	245
15 to 24 years.....	1 797	6	38	338	680	454	140	73	18	22	28	237
25 to 34 years.....	3 373	39	164	500	894	720	409	248	164	65	170	250
35 to 44 years.....	1 458	17	73	254	302	242	170	115	131	24	130	253
45 to 64 years.....	2 273	90	152	366	388	426	267	187	99	37	261	251
65 years and over.....	1 602	51	186	334	265	254	188	91	26	15	192	228
Male householder, no wife present	6 903	576	1 218	1 528	1 364	1 050	454	228	121	44	320	199
15 to 24 years.....	1 432	35	221	369	415	197	100	26	25	—	44	207
25 to 34 years.....	2 105	50	217	408	532	498	172	108	43	24	53	231
35 to 44 years.....	801	86	181	142	139	106	54	31	19	7	36	190
45 to 64 years.....	1 563	134	361	396	184	203	100	38	25	13	109	175
65 years and over.....	1 002	271	238	213	94	46	28	25	9	—	78	141
Female householder, no husband present	12 520	1 868	1 792	2 935	2 475	1 727	694	363	205	29	432	192
15 to 24 years.....	1 683	154	162	561	421	228	82	21	23	13	18	196
25 to 34 years.....	2 584	229	215	645	718	395	189	113	52	4	24	213
35 to 44 years.....	1 431	67	152	299	266	329	167	84	36	12	19	237
45 to 64 years.....	2 611	252	522	633	485	419	88	77	65	—	70	188
65 years and over.....	4 211	1 166	741	797	585	356	168	68	29	—	301	153
Median age.....	39.7	67.7	54.4	38.6	32.2	34.5	36.5	37.6	38.1	33.6	56.3	...
YEAR HOUSEHOLDER MOVED INTO UNIT												
1975 to March 1980.....	10 623	473	856	2 254	2 614	1 928	1 022	666	424	173	213	230
1975 to 1978.....	10 373	1 039	1 271	2 035	2 361	1 881	867	401	188	56	274	215
1970 to 1974.....	4 437	588	644	937	814	751	267	135	95	5	201	197
1960 to 1969.....	2 709	402	536	647	360	245	119	78	45	2	275	170
1959 or earlier.....	1 784	145	316	382	219	68	47	25	12	—	570	169
ROOMS												
1 room.....	1 395	475	663	155	18	15	22	7	—	28	12	114
2 rooms.....	2 060	588	472	556	271	101	20	—	14	8	30	146
3 rooms.....	7 168	859	1 134	2 219	1 769	819	177	38	16	1	136	184
4 rooms.....	8 332	467	800	1 908	2 151	1 680	640	317	76	19	274	219
5 rooms.....	5 807	154	315	881	1 324	1 354	784	463	196	12	324	253
6 rooms.....	2 898	80	209	341	526	541	383	192	249	84	293	266
7 or more rooms.....	2 266	24	30	195	309	363	296	288	213	84	464	297
Median.....	4.0	2.8	3.1	3.6	4.0	4.4	4.9	5.1	5.8	6.1	5.5	...
PLUMBING FACILITIES BY PERSONS PER ROOM AND POVERTY STATUS IN 1979												
All income levels in 1979	29 926	2 647	3 623	6 255	6 368	4 873	2 322	1 305	764	236	1 533	212
Complete plumbing for exclusive use.....	28 842	2 389	3 188	6 106	6 269	4 831	2 297	1 305	764	236	1 457	215
0.50 or less.....	18 321	1 620	2 080	4 159	3 681	3 050	1 423	696	414	111	1 087	210
0.51 to 1.00.....	9 679	673	1 026	1 782	2 353	1 658	839	577	309	103	359	226
1.01 to 1.50.....	599	74	56	92	168	101	35	32	34	—	7	217
1.51 or more.....	243	22	26	73	67	22	—	—	7	—	4	198
Lacking complete plumbing for exclusive use.....	1 084	258	435	149	99	42	25	—	—	—	76	121
0.50 or less.....	368	62	79	85	63	27	11	—	—	—	41	166
0.51 to 1.00.....	637	178	336	58	19	10	8	—	—	—	28	111
1.01 to 1.50.....	51	10	5	6	17	—	—	—	—	—	7	202
1.51 or more.....	28	8	15	—	—	5	—	—	—	—	—	109
Income in 1979 below poverty level	5 994	1 500	1 014	1 194	966	524	294	154	127	29	192	168
Complete plumbing for exclusive use.....	5 664	1 426	847	1 166	936	516	289	154	127	29	174	172
1.01 or more persons per room.....	407	85	46	92	98	31	13	8	23	7	4	184
Lacking complete plumbing for exclusive use.....	330	74	167	28	30	8	5	—	—	—	18	112
1.01 or more persons per room.....	14	—	12	2	—	—	—	—	—	—	—	124
BEDROOMS												
None.....	1 724	556	736	301	43	19	22	7	—	28	12	119
1.....	11 536	1 494	1 940	3 415	2 677	1 336	318	64	35	13	244	183
2.....	10 829	401	693	1 921	2 646	2 528	1 273	689	174	25	479	241
3.....	4 391	134	203	514	822	766	469	352	415	117	599	264
4.....	985	62	42	60	141	144	165	129	78	39	125	294
5 or more.....	461	—	9	44	39	80	75	64	62	14	74	314
UNITS IN STRUCTURE												
1, detached or attached.....	7 891	618	509	1 035	1 417	1 122	863	591	445	172	1 119	242
2.....	4 667	180	583	1 474	1 280	577	201	83	48	8	233	199
3 and 4.....	5 248	271	938	1 745	1 327	568	169	101	59	6	64	190
5 to 9.....	3 644	330	605	1 103	847	389	213	99	30	8	20	191
10 to 49.....	5 409	356	508	557	1 080	1 823	594	335	119	15	22	255
50 or more.....	2 517	887	451	201	246	317	247	85	49	26	8	140
Mobile home or trailer, etc.....	550	5	29	140	171	77	35	11	14	1	67	222
YEAR STRUCTURE BUILT												
1975 to March 1980.....	2 050	410	189	163	256	324	240	247	143	49	29	248
1970 to 1974.....	2 927	272	238	320	464	725	461	251	83	42	71	260
1960 to 1969.....	4 381	493	138	286	891	1 412	545	259	162	21	174	260
1950 to 1959.....	2 031	147	144	363	470	436	181	58	56	10	166	226
1940 to 1949.....	3 056	312	254	869	766	462	125	109	41	6	112	202
1939 or earlier.....	15 481	1 013	2 660	4 254	3 521	1 514	770	381	279	108	981	193
STORIES IN STRUCTURE												
1 to 3.....	27 396	1 734	3 043	5 822	6 160	4 698	2 180	1 265	730	231	1 533	218
4 or more.....	2 530	913	580	433	208	175	142	40	34	5	—	126
With elevator.....	1 965	875	432	234	126	133	107	24	29	5	—	113
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979												
Less than 15 percent.....	5 809	547	966	1 515	1 388	796	316	159	97	25	...	196
15 to 19 percent.....	4 951	311	575	984	1 217	1 059	449	242	89	25	...	224
20 to 24 percent.....	4 771	783	429	857	933	882	438	256	166	27	...	216
25 to 29 percent.....	3 220	523	324	643	623	540	315	119	95	38	...	210
30 to 34 percent.....	1 812	164	211	358	393	368	135	90	59	14	...	224
35 to 49 percent.....	3 494	209	582	837	702	555	288	185	103	33	...	209
50 percent or more.....	4 023	94	481	999	1 041	622	336	237	139	74	...	218
Not computed.....	1 846	16	55	62	71	31	45	17	16	—	1 533	215
Median.....	23.4	22.9	22.8	23.5	22.9	23.2	24.3	24.7	26.2	31.1	...	...
SELECTED CHARACTERISTICS												
Heating equipment.....	29 915	2 644	3 615	6 255	6 368	4 873	2 322	1 305	764	236	1 533	213
Central heating system.....	27 488	2 374	3 352	5 676	5 881	4 501	2 159	1 238	714	211	1 382	218
Air conditioning.....	12 818	607	1 045	1 985	2 571	3 112	1 536	784	469	107	602	243
Central system.....	4 035	120	91	193	477	1 327	879	507	313	54	74	292

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	82 856	6 150	10 172	5 613	5 301	13 072	13 434	17 697	8 263	3 154	20 391	22 312	4 194
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families	61 260	1 254	4 990	3 542	3 671	9 889	11 472	15 886	7 626	2 930	23 051	25 394	1 444
15 to 24 years	1 572	57	69	124	182	447	410	256	27	—	19 019	18 798	61
25 to 34 years	11 700	157	393	520	552	2 557	3 257	3 344	792	128	22 340	23 166	313
35 to 44 years	11 745	136	267	297	501	1 624	2 601	4 029	1 805	485	25 912	27 799	273
45 to 64 years	25 799	359	991	1 038	1 197	3 773	4 360	7 411	4 653	2 017	26 258	29 503	437
65 years and over	10 444	545	3 270	1 563	1 239	1 488	844	846	349	300	12 250	16 027	360
Male householder, no wife present	7 184	954	1 364	627	633	1 273	959	937	298	139	15 047	17 085	498
15 to 24 years	312	33	16	47	76	60	60	18	2	—	14 474	15 245	34
25 to 34 years	1 323	68	120	106	158	371	264	204	21	11	17 538	18 246	68
35 to 44 years	888	50	41	46	49	230	182	188	76	26	20 631	22 292	40
45 to 64 years	2 295	171	290	217	193	442	358	407	129	88	17 787	20 186	122
65 years and over	2 366	632	897	211	157	170	95	120	70	14	7 351	11 716	234
Female householder, no husband present	14 412	3 942	3 818	1 444	997	1 910	1 003	874	339	85	9 198	11 818	2 252
15 to 24 years	141	23	50	9	20	17	10	8	4	—	9 632	11 978	29
25 to 34 years	920	106	161	144	110	197	82	85	33	2	13 614	14 794	134
35 to 44 years	1 132	122	156	152	133	283	101	125	54	6	15 039	15 951	172
45 to 64 years	4 849	666	1 246	613	452	901	474	360	124	13	12 090	13 680	556
65 years and over	7 370	3 025	2 205	526	282	512	336	296	124	64	6 232	9 584	1 361
Median age	52.4	70.9	68.1	61.7	56.8	48.6	43.9	46.3	49.4	52.5	...	...	63.1
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980	6 589	254	442	409	460	1 297	1 340	1 570	599	218	21 379	23 446	248
1975 to 1978	16 119	686	1 016	793	989	2 945	3 504	4 067	1 609	510	22 142	23 595	777
1970 to 1974	12 803	552	1 000	684	803	2 396	2 337	3 284	1 212	535	21 942	24 007	524
1960 to 1969	19 157	1 046	1 981	1 134	1 094	2 505	3 197	4 549	2 564	1 087	22 908	25 166	823
1959 or earlier	28 188	3 612	5 733	2 593	1 955	3 929	3 056	4 227	2 279	804	15 240	18 604	1 822
SELECTED CHARACTERISTICS													
Complete plumbing for exclusive use	81 875	5 900	9 955	5 553	5 251	12 912	13 340	17 606	8 219	3 139	20 480	22 405	3 999
1.01 or more persons per room	924	15	43	34	68	176	171	199	175	43	23 676	26 548	79
Lacking complete plumbing for exclusive use	981	250	217	60	50	160	94	91	44	15	10 979	14 544	195
1.01 or more persons per room	62	8	7	2	—	20	23	2	—	—	18 846	16 287	15
Heating equipment	82 816	6 130	10 156	5 613	5 301	13 070	13 434	17 697	8 263	3 152	20 397	22 317	4 176
Central heating system	78 512	5 595	9 488	5 343	4 919	12 270	12 767	17 012	8 039	3 079	20 601	22 562	3 759
Air conditioning	39 525	1 793	3 553	2 321	2 236	6 103	6 689	9 587	4 993	2 250	22 762	25 468	1 259
Central system	9 239	317	566	324	357	1 149	1 511	2 243	1 673	1 099	26 465	31 884	227
Vehicles available	76 059	3 276	7 752	5 153	5 021	12 672	13 255	17 551	8 246	3 133	21 467	23 604	2 781
1	26 811	2 384	5 021	3 190	2 725	5 272	3 577	2 910	824	208	14 436	15 935	1 596
2 or more	49 248	892	2 031	1 963	2 296	7 400	9 678	14 641	7 422	2 925	25 192	27 779	1 185
House heating fuel	82 816	6 130	10 156	5 613	5 301	13 070	13 434	17 697	8 263	3 152	20 397	22 317	4 176
Utility gas	18 524	1 346	2 231	1 164	1 012	2 780	2 925	4 024	2 072	970	21 162	23 876	886
Bottled, tank, or LP gas	7 704	58	118	63	74	72	108	123	58	30	17 643	20 251	57
Electricity	7 971	272	423	267	349	1 250	1 571	2 303	1 079	457	24 500	26 807	238
Fuel oil, kerosene, etc.	51 278	4 023	6 769	3 804	3 540	8 200	8 108	10 481	4 733	1 620	19 566	21 350	2 623
Other	4 339	431	615	315	326	768	722	766	321	75	18 055	19 173	372
Median rooms	6.1	5.6	5.7	5.7	5.8	6.0	6.2	6.4	6.8	7.6	...	...	5.8
Specified owner-occupied housing units	67 661	4 625	7 942	4 265	4 112	10 800	11 258	15 236	6 952	2 471	20 871	22 581	3 022
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS													
With a mortgage	32 670	793	1 424	1 242	1 612	5 834	6 828	9 561	4 086	1 290	23 907	25 712	987
Less than \$200	2 368	177	232	158	137	513	435	531	155	30	19 547	20 164	155
\$200 to \$249	4 548	177	349	324	355	916	881	1 107	461	38	20 939	21 988	182
\$250 to \$299	5 557	131	274	237	382	1 121	1 168	1 550	556	138	22 553	24 881	173
\$300 to \$349	5 228	93	183	207	288	984	1 258	1 517	555	148	23 207	24 838	122
\$350 to \$399	4 462	70	150	126	181	925	1 035	1 348	524	103	23 662	25 189	98
\$400 to \$499	5 646	65	154	116	189	885	1 291	1 870	810	266	25 346	27 185	99
\$500 to \$599	2 858	100	54	43	59	343	531	1 029	498	201	27 189	29 299	116
\$600 to \$749	1 290	40	3	19	20	88	191	437	315	177	29 439	36 147	40
\$750 or more	7 113	—	25	12	1	59	43	172	212	189	34 594	43 801	2
Median	\$337	\$289	\$274	\$279	\$291	\$319	\$337	\$353	\$380	\$462	...	...	\$295
Not mortgaged	34 991	3 832	6 518	3 023	2 500	4 966	4 430	5 675	2 866	1 181	16 567	19 657	2 035
Less than \$50	145	57	47	7	—	20	11	3	—	—	6 250	9 138	35
\$50 to \$74	7 704	236	193	78	27	56	58	30	26	—	7 708	10 964	157
\$75 to \$99	3 213	667	890	326	191	459	337	227	76	40	10 380	13 290	310
\$100 to \$124	6 909	979	1 590	719	568	967	765	927	304	90	13 233	15 810	489
\$125 to \$149	8 844	933	1 713	856	764	1 343	1 140	1 487	524	84	15 593	17 562	406
\$150 to \$199	10 659	672	1 573	839	674	1 536	1 560	2 184	1 119	502	20 101	22 347	412
\$200 to \$249	3 135	208	371	169	207	439	396	584	593	168	22 027	25 099	168
\$250 or more	1 382	80	141	29	69	146	163	233	224	297	26 898	39 544	58
Median	\$143	\$124	\$133	\$136	\$140	\$143	\$148	\$154	\$172	\$188	...	...	\$127
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
With a mortgage	32 670	793	1 424	1 242	1 612	5 834	6 828	9 561	4 086	1 290	23 907	25 712	987
Less than 15 percent	11 469	—	7	24	51	737	1 847	4 770	2 905	1 128	30 884	34 743	—
15 to 19 percent	7 709	—	28	80	247	1 486	2 208	2 769	776	115	24 533	25 686	8
20 to 24 percent	5 437	7	48	256	441	1 469	1 757	2 688	336	36	21 477	22 456	22
25 to 29 percent	3 138	5	127	263	372	1							

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

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

The SMSA	Household income in 1979												Income in 1979 below poverty level
	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)	Mean (dollars)	
Renter-occupied housing units	31 688	6 983	7 297	3 629	2 977	4 746	2 951	2 180	699	226	11 077	13 019	6 260
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families	11 674	705	1 768	1 302	1 336	2 560	1 942	1 458	452	151	16 381	17 881	902
15 to 24 years	1 894	126	305	284	295	470	320	76	18	—	14 466	14 723	177
25 to 34 years	3 774	188	365	389	395	1 099	782	479	68	9	17 211	17 579	274
35 to 44 years	1 697	60	137	154	222	359	350	284	92	39	18 940	20 388	153
45 to 64 years	2 594	148	303	256	228	470	372	531	221	65	18 985	21 839	180
65 years and over	1 715	183	658	219	196	162	118	88	53	38	10 188	13 566	118
Male householder, no wife present	7 190	1 398	1 634	999	699	1 175	629	476	124	56	11 409	13 046	1 172
15 to 24 years	1 513	280	377	290	131	213	167	55	—	—	10 858	11 365	341
25 to 34 years	2 205	187	398	328	287	537	242	168	47	11	14 151	15 014	161
35 to 44 years	829	89	185	120	91	113	81	94	30	26	13 063	16 647	120
45 to 64 years	1 602	336	384	162	138	258	121	145	44	14	11 250	13 448	287
65 years and over	1 041	506	290	99	52	54	18	14	3	5	5 203	7 834	263
Female householder, no husband present	12 824	4 880	3 895	1 328	942	1 011	380	246	123	19	6 872	8 578	4 186
15 to 24 years	1 704	587	562	168	126	165	64	32	—	—	7 764	8 546	705
25 to 34 years	2 674	611	901	431	315	220	89	92	15	—	9 023	9 866	821
35 to 44 years	1 499	368	452	159	170	218	58	22	49	3	9 286	11 039	484
45 to 64 years	2 676	773	866	386	174	286	101	38	48	4	8 258	9 517	767
65 years and over	4 271	2 541	1 114	184	157	122	68	62	11	12	4 533	6 333	1 409
Median age	39.4	62.5	44.5	34.2	34.3	32.8	32.8	38.8	46.3	53.2	...	...	42.9
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980	11 054	2 188	2 685	1 404	1 077	1 703	1 043	781	118	55	11 165	12 641	2 428
1975 to 1978	10 932	2 119	2 412	1 262	1 139	1 795	1 166	703	275	61	11 852	13 660	1 948
1970 to 1974	4 749	1 254	1 076	528	408	604	363	345	130	41	10 211	12 683	961
1960 to 1969	2 885	841	594	270	182	407	227	218	104	42	10 069	12 997	571
1959 or earlier	2 068	581	530	165	171	237	152	133	72	27	8 742	12 451	352
PLUMBING FACILITIES BY PERSONS PER ROOM													
Complete plumbing for exclusive use	30 536	6 558	7 010	3 517	2 861	4 646	2 888	2 147	688	221	11 208	13 152	5 920
0.50 or less	19 328	4 650	4 684	2 298	1 673	2 616	1 623	1 268	390	126	10 359	12 531	3 142
0.51 to 1.00	10 302	1 712	2 089	1 141	1 087	1 912	1 200	814	266	81	12 981	14 294	2 357
1.01 to 1.50	663	130	165	53	76	99	58	44	24	14	11 722	14 280	285
1.51 or more	243	66	72	25	25	19	7	21	8	—	8 125	11 015	136
Lacking complete plumbing for exclusive use	1 152	425	287	112	116	100	63	33	11	5	7 260	9 500	340
0.50 or less	424	183	102	26	55	32	15	9	2	—	6 318	8 359	128
0.51 to 1.00	643	236	172	64	56	43	34	24	9	5	7 055	9 627	198
1.01 to 1.50	55	2	2	12	5	20	14	—	—	—	18 312	16 869	2
1.51 or more	30	4	11	10	—	5	—	—	—	—	10 000	9 377	12
SELECTED CHARACTERISTICS													
Heating equipment	31 675	6 978	7 289	3 629	2 977	4 746	2 951	2 180	699	226	11 082	13 022	6 247
Central heating system	28 932	6 212	6 634	3 354	2 703	4 414	2 665	2 086	674	190	11 208	13 134	5 421
Air conditioning	13 258	1 962	2 820	1 472	1 278	2 265	1 612	1 278	415	156	13 234	15 331	1 506
Central system	4 143	475	686	438	360	680	637	523	256	88	15 712	18 728	395
Vehicles available	22 698	2 245	4 498	3 062	2 681	4 407	2 806	2 106	683	210	13 940	15 672	2 435
1	14 360	1 880	3 742	2 335	1 939	2 450	1 220	591	146	57	11 668	12 741	1 765
2 or more	8 338	365	756	727	742	1 957	1 586	1 515	537	153	19 603	20 719	670
House heating fuel	31 675	6 978	7 289	3 629	2 977	4 746	2 951	2 180	699	226	11 082	13 022	6 247
Utility gas	7 420	1 408	1 606	821	727	1 133	809	624	195	97	12 119	14 486	1 171
Bottled, tank, or LP gas	409	56	77	51	62	58	59	35	7	4	13 327	14 533	58
Electricity	4 195	794	840	422	364	700	498	386	156	35	12 785	14 689	636
Fuel oil, kerosene, etc.	18 453	4 514	4 544	2 213	1 668	2 652	1 421	1 058	310	73	10 190	11 910	4 157
Other	1 198	206	222	122	156	203	164	77	31	17	13 285	14 739	225
Median rooms	4.1	3.3	3.8	4.1	4.3	4.5	4.5	4.9	5.5	5.6	...	...	3.7
Specified renter-occupied housing units	29 926	6 754	6 995	3 464	2 774	4 405	2 747	1 988	624	175	10 876	12 787	5 994
CONTRACT RENT													
Less than \$100	4 184	2 330	911	216	176	239	150	114	42	6	4 687	7 496	1 835
\$100 to \$149	6 511	1 763	1 961	795	543	672	427	271	66	13	8 704	10 372	1 612
\$150 to \$199	8 148	1 446	2 283	1 172	799	1 337	696	362	43	10	10 736	11 810	1 388
\$200 to \$249	5 206	598	987	685	656	1 061	662	395	123	39	13 769	14 941	606
\$250 to \$299	2 847	193	387	296	380	671	428	379	91	22	16 190	17 348	204
\$300 to \$349	935	85	95	61	49	175	170	177	109	14	20 059	20 616	103
\$350 to \$399	334	15	13	15	26	35	79	63	50	38	24 048	37 744	15
\$400 to \$499	162	8	—	26	11	14	20	58	11	14	25 192	27 694	19
\$500 or more	66	7	5	11	7	4	12	3	8	9	19 375	26 953	20
No cash rent	1 533	309	353	187	127	197	103	166	81	10	11 397	14 494	192
Median	\$168	\$126	\$156	\$172	\$185	\$192	\$203	\$219	\$249	\$277	...	...	\$130
GROSS RENT													
Less than \$100	2 647	1 944	444	93	57	58	16	20	15	—	4 023	5 108	1 500
\$100 to \$149	3 623	1 249	1 304	396	185	236	128	95	26	4	6 890	8 437	1 014
\$150 to \$199	6 255	1 426	1 932	831	623	756	425	221	41	—	9 379	10 623	1 194
\$200 to \$249	4 368	1 003	1 501	876	745	1 087	667	416	40	33	11 941	13 070	966
\$250 to \$299	4 873	408	892	622	616	1 132	678	372	116	37	14 588	15 563	524
\$300 to \$349	2 322	211	323	230	243	561	345	265	132	12	16 498	17 276	294
\$350 to \$399	1 305	103	182	137	109	231	209	257	57	20	18 002	18 534	154
\$400 to \$499	764	86	56	56	51	124	135	142	72	42	20 296	25 961	127
\$500 or more	236	15	8	36	18	23	41	34	44	17	22 143	28 403	29
No cash rent	1 533	309	353	187	127	197	103	166	81	10	11 397	14 494	192
Median	\$212	\$151	\$191	\$217	\$231	\$248	\$256	\$272	\$313	\$335	...	...	\$168
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
Less than 15 percent	5 809	51	279	343	373	1 229	1 501	1 378	490	165	21 830	24 228	93
15 to 19 percent	4 951	166	584	576	856	1 605	782	340	42	—	15 869	15 969	290
20 to 24 percent	4 771	725	941	953	776	998	281	86	11	—	11 887	11 921	571
25 to 29 percent	3 220	551	1 231	650	430	281	62	15	—	—	9 362	9 603	473
30 to 34 percent	1 812	269	966	374	126	63	11	3	—	—	8 552	8 522	253
35 to 49 percent	3 494	1 150	1 902	332	71	32	7	—	—	—	6 214	6 530	965
50 percent or more	4 023	3 220	739	49	15	—	—	—	—	—	3 620	3 654	2 844
Not computed													

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

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

The SMSA	Total	Less than \$200	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 to \$599	\$600 to \$749	\$750 or more	Median (dollars)
Specified owner-occupied housing units -----	32 670	2 368	4 548	5 557	5 228	4 462	5 646	2 858	1 290	713	337
PERSONS IN UNIT											
1 person -----	2 074	313	349	430	274	227	320	121	26	14	294
2 persons -----	7 553	740	991	1 309	1 078	1 017	1 391	635	234	158	334
3 persons -----	7 424	443	1 152	1 151	1 354	1 143	1 242	536	290	113	336
4 persons -----	9 471	512	1 316	1 612	1 559	1 253	1 564	934	458	263	342
5 persons -----	3 946	203	452	711	639	538	702	413	176	112	347
6 persons -----	1 552	139	204	228	232	188	274	167	79	41	344
7 persons -----	483	16	49	87	62	61	142	43	17	6	373
8 or more persons -----	167	2	35	29	30	35	11	9	10	6	329
Median -----	3.40	2.80	3.31	3.40	3.43	3.36	3.40	3.65	3.71	3.77	...
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER											
Married-couple families -----	27 764	1 759	3 784	4 567	4 483	3 889	4 911	2 555	1 152	664	342
15 to 24 years -----	1 077	63	116	158	177	218	218	106	12	9	356
25 to 34 years -----	9 332	293	864	1 219	1 582	1 585	2 175	978	433	203	372
35 to 44 years -----	8 111	459	1 159	1 340	1 304	1 032	1 397	781	446	193	342
45 to 64 years -----	8 578	828	1 538	1 751	1 303	964	1 052	646	261	235	307
65 years and over -----	666	116	107	99	117	90	69	44	—	24	305
Male householder, no wife present -----	2 192	191	264	473	365	284	366	157	75	17	323
15 to 24 years -----	150	10	12	16	30	23	36	23	—	—	365
25 to 34 years -----	755	30	52	189	120	96	184	59	25	—	344
35 to 44 years -----	515	29	43	134	60	103	69	45	27	5	343
45 to 64 years -----	650	75	151	122	134	51	65	23	17	12	291
65 years and over -----	122	47	6	12	21	11	12	7	6	—	283
Female householder, no husband present -----	2 714	418	500	517	380	289	369	146	63	32	292
15 to 24 years -----	49	2	—	34	4	—	2	7	—	—	283
25 to 34 years -----	591	67	82	82	121	82	100	37	18	2	327
35 to 44 years -----	676	43	89	132	102	102	108	59	28	13	336
45 to 64 years -----	1 077	189	265	222	109	83	151	30	17	11	269
65 years and over -----	321	117	64	47	44	22	8	13	—	6	234
Median age -----	39.1	48.4	43.9	40.7	38.3	36.6	35.6	37.0	37.5	42.1	...
YEAR HOUSEHOLDER MOVED INTO UNIT											
1979 to March 1980 -----	4 408	126	274	344	391	542	1 124	842	549	216	448
1975 to 1978 -----	10 968	311	705	1 375	1 821	1 926	2 700	1 392	466	272	383
1970 to 1974 -----	7 343	476	1 103	1 536	1 388	1 106	1 095	366	147	126	320
1960 to 1969 -----	7 697	970	2 002	1 833	1 275	654	563	210	101	89	274
1959 or earlier -----	2 254	485	464	469	353	234	164	48	27	10	269
ROOMS											
1 to 3 rooms -----	220	54	55	26	34	25	7	16	3	—	252
4 rooms -----	1 390	157	323	223	256	166	181	64	11	9	298
5 rooms -----	5 007	572	835	882	827	824	755	241	56	15	313
6 rooms -----	9 646	764	1 529	1 818	1 639	1 383	1 551	619	237	106	322
7 rooms -----	7 424	505	965	1 338	1 087	974	1 431	677	325	122	342
8 or more rooms -----	8 983	316	841	1 270	1 385	1 090	1 721	1 241	658	461	381
Median -----	6.5	6.0	6.2	6.4	6.4	6.4	6.7	7.2	7.5	8.0	...
YEAR STRUCTURE BUILT											
1975 to March 1980 -----	5 295	42	121	192	433	673	1 808	1 226	551	249	465
1970 to 1974 -----	3 817	70	172	516	701	786	877	402	192	81	377
1960 to 1969 -----	4 987	206	744	1 055	941	623	738	379	155	146	326
1950 to 1959 -----	4 152	299	655	815	758	634	600	200	124	67	320
1940 to 1949 -----	2 511	243	390	521	447	443	317	114	23	13	311
1939 or earlier -----	11 908	1 488	2 466	2 458	1 948	1 303	1 306	537	245	157	291
VALUE											
Less than \$10,000 -----	418	140	123	53	73	19	10	—	—	—	228
\$10,000 to \$19,999 -----	2 748	659	889	665	276	124	112	23	—	—	240
\$20,000 to \$29,999 -----	4 243	579	1 095	1 133	784	352	239	55	4	2	270
\$30,000 to \$39,999 -----	5 513	521	929	1 146	1 139	946	642	154	30	6	307
\$40,000 to \$49,999 -----	6 155	247	877	1 046	1 105	1 040	1 353	391	86	10	341
\$50,000 to \$59,999 -----	5 130	145	358	755	834	859	1 281	600	249	49	378
\$60,000 to \$79,999 -----	5 859	56	227	652	833	910	1 488	1 058	502	133	415
\$80,000 to \$99,999 -----	1 599	20	40	87	115	153	391	394	240	159	498
\$100,000 to \$149,999 -----	795	1	10	20	54	51	115	166	153	225	588
\$150,000 or more -----	210	—	—	—	15	8	15	17	26	129	750+
Median -----	\$45 200	\$26 000	\$31 700	\$38 300	\$42 700	\$47 200	\$53 200	\$63 200	\$70 900	\$99 700	...
SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979											
Less than 15 percent -----	11 469	1 707	2 718	2 807	1 861	1 010	864	298	140	64	273
15 to 19 percent -----	7 709	233	835	1 328	1 586	1 391	1 547	527	164	98	346
20 to 24 percent -----	5 437	109	397	655	842	931	1 392	666	286	159	388
25 to 29 percent -----	3 138	68	196	266	384	580	749	512	281	102	409
30 to 34 percent -----	1 739	65	148	139	206	168	498	312	157	46	425
35 percent or more -----	3 063	154	244	356	341	367	586	514	257	244	412
Not computed -----	115	32	10	6	8	15	10	29	5	—	355
Median -----	18.1	11.4	13.7	14.9	17.4	19.4	21.5	24.4	25.9	26.7	...
SELECTED CHARACTERISTICS											
Heating equipment -----	32 670	2 368	4 548	5 557	5 228	4 462	5 646	2 858	1 290	713	337
Steam or hot water system -----	13 169	1 064	1 856	2 363	2 299	1 922	2 131	924	391	219	328
Central warm-air furnace or electric heat pump -----	14 110	1 077	2 136	2 432	2 047	1 790	2 375	1 247	615	391	334
Other built-in electric units -----	3 836	57	294	495	616	585	904	549	253	83	389
Floor, wall, or pipeless furnace -----	160	21	27	45	23	20	22	2	—	—	286
Other means -----	1 395	149	235	222	243	145	214	136	31	20	319
Air conditioning -----	17 157	1 069	2 171	2 849	2 591	2 449	3 094	1 550	811	573	348
Central system -----	4 666	89	295	425	474	682	1 100	800	435	366	429
1 or more individual room units -----	12 491	980	1 876	2 424	2 117	1 767	1 994	750	376	207	323
House heating fuel -----	32 670	2 368	4 548	5 557	5 228	4 462	5 646	2 858	1 290	713	337
Utility gas -----	8 011	795	1 291	1 431	1 242	1 123	1 207	481	262	179	320
Bottled, tank, or LP gas -----	134	18	19	25	6	6	36	14	—	—	342
Electricity -----	5 068	85	343	570	744	768	1 233	793	356	176	402
Fuel oil, kerosene, etc. -----	18 262	1 352	2 717	3 320	3 000	2 408	3 007	1 473	646	339	329
Other -----	1 195	118	178	211	236	147	163	97	26	19	319

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

(Ouro 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	Medion (dollars)
Specified owner-occupied housing units -----	34 991	145	704	3 213	6 909	8 844	10 659	3 135	1 382	143
PERSONS IN UNIT										
1 person -----	7 551	90	299	1 268	1 974	1 864	1 475	393	188	127
2 persons -----	16 189	31	272	1 501	3 321	4 553	4 800	1 168	543	141
3 persons -----	5 881	10	91	268	1 040	1 345	2 131	750	246	154
4 persons -----	3 288	-	20	115	389	744	1 311	514	195	164
5 persons -----	1 319	14	13	43	123	207	644	179	96	170
6 persons -----	495	-	1	16	44	78	208	72	76	176
7 persons -----	182	-	8	2	16	42	49	46	19	173
8 or more persons -----	86	-	-	-	2	11	41	13	19	187
Medion -----	2.11	1.31	1.69	1.73	1.95	2.06	2.30	2.51	2.43	...
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER										
Married-couple families -----	23 096	23	327	1 570	4 116	5 934	7 734	2 336	1 056	148
15 to 24 years -----	63	-	2	10	9	17	25	-	-	140
25 to 34 years -----	720	6	24	29	143	150	212	78	78	152
35 to 44 years -----	1 740	-	11	107	261	389	723	182	67	157
45 to 64 years -----	12 870	10	128	712	2 096	3 243	4 681	1 434	566	153
65 years and over -----	7 703	7	162	712	1 607	2 135	2 093	642	345	141
Male householder, no wife present -----	3 089	45	114	526	744	702	670	187	101	129
15 to 24 years -----	25	-	-	8	4	-	8	5	-	153
25 to 34 years -----	131	5	-	15	58	34	2	-	-	120
35 to 44 years -----	142	-	6	34	11	34	18	5	5	140
45 to 64 years -----	1 053	13	18	207	243	260	240	57	15	129
65 years and over -----	1 738	27	90	262	428	374	371	105	81	129
Female householder, no husband present -----	8 806	77	263	1 117	2 049	2 208	2 255	612	225	135
15 to 24 years -----	22	-	-	6	-	-	4	6	-	121
25 to 34 years -----	106	13	2	10	25	10	16	5	5	134
35 to 44 years -----	228	-	5	16	23	46	96	19	23	163
45 to 64 years -----	2 801	36	45	262	746	664	790	178	80	137
65 years and over -----	5 649	28	211	833	1 249	1 463	1 355	393	117	134
Medion age -----	62.8	63.7	68.8	66.8	64.2	63.5	60.7	60.8	60.3	...
YEAR HOUSEHOLDER MOVED INTO UNIT										
1979 to March 1980 -----	653	6	28	42	104	115	240	75	43	157
1975 to 1978 -----	1 991	49	33	154	309	451	636	250	109	150
1970 to 1974 -----	2 836	44	44	240	416	651	995	317	167	153
1960 to 1969 -----	8 277	25	131	448	1 523	1 941	2 784	1 044	381	151
1959 or earlier -----	21 234	59	468	2 329	4 557	5 686	6 004	1 449	682	139
ROOMS										
1 to 3 rooms -----	681	58	40	200	151	97	90	23	22	107
4 rooms -----	3 857	33	161	591	1 050	1 097	742	136	47	127
5 rooms -----	7 450	32	201	782	1 768	1 939	2 124	474	130	137
6 rooms -----	11 624	11	158	1 053	2 390	3 273	3 558	956	225	142
7 rooms -----	5 856	-	76	361	896	1 367	2 191	678	287	155
8 or more rooms -----	5 523	11	68	226	654	1 071	1 954	868	671	169
Medion -----	6.0	3.9	5.3	5.5	5.7	5.9	6.2	6.5	7.4	...
YEAR STRUCTURE BUILT										
1975 to March 1980 -----	687	6	20	33	53	138	226	129	82	171
1970 to 1974 -----	1 056	-	6	60	128	195	420	160	87	167
1960 to 1969 -----	3 616	25	32	114	489	706	1 432	591	227	165
1950 to 1959 -----	6 829	9	89	344	1 049	1 871	2 381	717	369	151
1940 to 1949 -----	3 200	20	52	341	660	783	959	253	132	142
1939 or earlier -----	19 603	85	505	2 321	4 530	5 151	5 241	1 285	485	136
VALUE										
Less than \$10,000 -----	1 787	32	155	421	483	358	290	28	20	115
\$10,000 to \$19,999 -----	6 250	62	246	1 130	1 683	1 488	1 320	260	61	125
\$20,000 to \$29,999 -----	7 302	17	167	756	1 862	2 137	1 854	412	97	135
\$30,000 to \$39,999 -----	6 729	26	55	585	1 526	2 005	2 077	368	87	140
\$40,000 to \$49,999 -----	5 249	8	51	177	840	1 532	2 082	446	113	150
\$50,000 to \$59,999 -----	3 329	-	10	78	307	868	1 437	465	164	164
\$60,000 to \$79,999 -----	3 025	-	18	38	159	402	1 246	851	311	186
\$80,000 to \$99,999 -----	696	-	2	12	34	35	257	206	150	202
\$100,000 to \$149,999 -----	437	-	-	13	9	13	86	86	230	250+
\$150,000 or more -----	187	-	-	3	6	6	10	13	149	250+
Medion -----	\$33 000	\$17 800	\$17 600	\$20 600	\$26 400	\$32 000	\$39 000	\$50 900	\$70 700	...
SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979										
Less than 10 percent -----	15 321	85	329	1 485	3 151	3 923	4 748	1 135	465	142
10 to 14 percent -----	7 504	33	122	624	1 396	1 850	2 382	754	343	146
15 to 19 percent -----	3 969	12	111	353	731	991	1 179	431	161	145
20 to 24 percent -----	2 291	3	70	238	467	572	638	200	103	141
25 to 29 percent -----	1 646	-	41	189	367	403	428	146	72	139
30 to 34 percent -----	1 152	-	20	106	257	302	329	102	36	141
35 percent or more -----	2 926	-	9	216	502	790	914	310	185	148
Not computed -----	182	12	2	2	38	13	41	57	17	179
Medion -----	11.4	10-	10.9	11.0	11.0	11.3	11.2	12.7	13.2	...
SELECTED CHARACTERISTICS										
Heating equipment -----	34 959	145	682	3 205	6 907	8 844	10 659	3 135	1 382	143
Steam or hot water system -----	17 167	19	284	1 365	3 242	4 325	5 592	1 692	648	146
Central warm-air furnace or electric heat pump -----	14 410	50	237	1 350	3 058	3 852	4 184	1 095	584	141
Other built-in electric units -----	1 448	-	22	101	218	308	490	212	97	158
Floor, wall, or pipeless furnace -----	421	5	22	78	104	105	87	20	-	125
Other means -----	1 513	71	117	311	285	254	306	116	53	123
Air conditioning -----	15 887	23	106	957	2 733	3 972	5 377	1 722	997	151
Central system -----	3 095	8	8	88	265	361	1 054	551	478	175
1 or more individual room units -----	12 792	13	98	869	2 468	3 331	4 323	1 171	519	147
House heating fuel -----	34 959	145	682	3 205	6 907	8 844	10 659	3 135	1 382	143
Utility gas -----	8 646	18	169	866	6 907	8 844	10 659	658	348	138
Bottled, tank, or LP gas -----	210	8	3	32	2 061	2 319	2 207	43	13	152
Electricity -----	1 757	6	31	120	30	30	51	263	162	162
Fuel oil, kerosene, etc. -----	22 491	60	316	1 726	4 072	5 870	7 547	2 124	846	147
Other -----	1 855	53	163	461	505	350	263	47	13	112

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	82 856	7 444	7 078	10 579	18 579	39 176	31 688	2 120	2 986	4 490	5 328	16 764
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER												
Married-couple families	61 260	6 421	5 801	8 708	14 312	26 018	11 674	746	1 140	1 778	1 862	6 148
15 to 24 years	1 572	284	176	182	315	615	1 894	106	225	295	394	874
25 to 34 years	11 700	3 059	1 692	935	1 961	4 053	3 774	290	366	491	637	1 990
35 to 44 years	11 745	1 467	1 801	2 172	1 870	4 435	1 697	80	138	154	282	1 043
45 to 64 years	25 799	1 318	1 775	4 359	7 554	10 793	2 594	103	275	474	339	1 403
65 years and over	10 444	293	357	1 060	2 612	6 122	1 715	167	136	364	210	838
Male householder, no wife present	7 184	529	531	617	1 494	4 013	7 190	494	607	803	1 186	4 100
15 to 24 years	312	47	54	41	81	89	1 513	103	142	137	273	858
25 to 34 years	1 323	224	173	79	261	586	2 205	183	212	268	473	1 069
35 to 44 years	888	132	76	103	158	419	829	39	80	79	127	504
45 to 64 years	2 295	108	150	230	539	1 268	1 602	110	97	208	207	980
65 years and over	2 366	18	78	164	455	1 651	1 041	59	76	111	106	689
Female householder, no husband present	14 412	494	746	1 254	2 773	9 145	12 824	880	1 239	1 909	2 280	6 516
15 to 24 years	141	11	28	8	19	75	1 704	50	131	161	398	964
25 to 34 years	920	122	147	81	130	440	2 674	125	216	377	687	1 269
35 to 44 years	1 132	121	115	179	202	515	1 499	80	189	140	336	754
45 to 64 years	4 849	180	249	529	1 020	2 871	2 676	147	185	386	408	1 550
65 years and over	7 370	60	207	457	1 402	5 244	4 271	478	518	845	451	1 979
Median age	52.4	34.9	40.6	49.8	55.5	57.0	39.4	45.3	39.1	47.9	33.7	40.2
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980	6 589	2 405	610	660	896	2 018	11 054	1 019	1 084	1 343	2 190	5 418
1975 to 1978	16 119	5 039	1 911	1 451	2 501	5 217	10 932	1 101	1 123	1 728	1 714	5 266
1970 to 1974	12 803	-	4 557	1 275	2 256	4 715	4 749	-	779	784	726	2 460
1960 to 1969	19 157	-	-	7 193	3 712	8 252	2 885	-	-	635	421	1 829
1959 or earlier	28 188	-	-	-	9 214	18 974	2 068	-	-	-	277	1 791
ROOMS												
1 room	99	12	8	13	19	47	1 397	67	134	164	152	880
2 rooms	266	20	14	65	68	99	2 071	267	279	256	313	956
3 rooms	1 528	90	97	169	396	776	7 260	737	612	1 136	1 116	3 659
4 rooms	8 411	597	1 060	1 234	2 879	2 641	8 587	444	960	1 377	1 653	4 153
5 rooms	15 650	1 457	1 584	2 286	4 034	6 289	6 140	297	695	1 151	1 089	2 908
6 rooms	24 439	1 892	1 721	2 520	5 916	12 390	3 317	195	209	258	617	2 038
7 or more rooms	32 463	3 376	2 594	4 292	5 267	16 934	3 116	113	97	148	388	2 170
Median	6.1	6.3	6.0	6.1	5.8	6.3	4.1	3.5	4.0	4.0	4.2	4.2
PLUMBING FACILITIES BY PERSONS PER ROOM												
Complete plumbing for exclusive use	81 875	7 427	7 070	10 531	18 403	38 444	30 536	2 101	2 971	4 446	5 179	15 839
0.50 or less	57 345	4 603	4 141	6 903	13 061	28 637	19 328	1 329	1 846	3 025	3 027	10 101
0.51 to 1.00	23 606	2 702	2 821	3 471	5 163	9 449	10 302	732	1 052	1 323	1 940	5 255
1.01 to 1.50	798	95	97	138	154	314	663	29	52	74	139	369
1.51 or more	126	27	11	19	25	44	243	11	21	24	73	114
Locking complete plumbing for exclusive use	981	17	8	48	176	732	1 152	19	15	44	149	925
0.50 or less	698	11	-	36	98	558	424	19	13	25	69	298
0.51 to 1.00	221	6	-	5	66	144	643	-	2	19	71	551
1.01 to 1.50	38	-	-	-	12	24	55	-	-	-	9	46
1.51 or more	24	-	6	7	-	11	30	-	-	-	-	30
PERSONS IN UNIT												
1 person	12 621	560	649	1 053	2 523	7 836	12 758	1 003	1 209	1 856	1 931	6 759
2 persons	29 193	1 982	1 908	3 623	7 805	13 875	8 832	579	874	1 521	1 449	4 409
3 persons	16 164	1 765	1 442	2 218	3 657	7 082	4 789	278	495	632	882	2 502
4 persons	14 846	2 024	1 992	2 167	2 896	5 767	2 951	153	297	318	569	1 614
5 persons	6 319	760	775	1 015	1 170	2 599	1 485	70	73	120	317	905
6 or more persons	3 713	353	312	503	528	2 017	873	37	38	43	180	575
Median	2.49	3.17	3.18	2.78	2.37	2.35	1.85	1.60	1.82	1.76	2.01	1.87
Total persons	236 320	24 171	22 840	32 440	50 001	106 868	68 263	4 343	6 159	8 957	12 267	36 537
UNITS IN STRUCTURE												
1, detached or attached	76 024	6 679	5 498	9 509	17 964	36 374	9 653	440	409	775	2 212	5 817
2	2 215	32	23	54	242	1 864	4 667	46	96	172	838	3 515
3 and 4	763	21	6	23	66	647	5 248	46	91	249	936	3 926
5 to 9	192	21	12	12	31	116	3 644	223	221	285	643	2 272
10 to 49	208	15	49	25	53	66	5 409	631	1 344	2 007	473	954
50 or more	97	12	58	6	5	16	2 517	676	627	782	193	239
Mobile home or trailer, etc.	3 357	664	1 432	950	218	93	550	58	198	220	33	41
SELECTED CHARACTERISTICS												
Heating equipment	82 816	7 444	7 076	10 579	18 579	39 138	31 675	2 120	2 986	4 490	5 328	16 751
Steam or hot water system	36 899	1 645	1 388	3 965	6 964	22 937	16 565	387	633	1 450	2 888	11 207
Control warm-air furnace or electric heat pump	34 772	3 685	3 513	4 459	10 164	12 951	9 187	966	1 592	1 788	1 483	3 358
Other built-in electric units	6 093	1 623	1 703	1 628	505	634	2 869	696	573	790	1 837	483
Floor, wall, or pipeless furnace	748	21	37	43	199	448	911	7	19	68	41	176
Other means	4 304	470	435	484	747	2 168	2 743	64	169	394	589	1 527
Air conditioning	39 525	3 701	3 877	5 887	10 085	15 975	13 258	1 480	2 310	3 244	1 735	4 489
Central system	9 239	2 207	1 877	1 919	2 316	6 920	4 143	840	1 502	1 394	236	171
1 or more individual room units	30 286	1 494	2 000	3 968	7 769	15 055	9 115	640	808	1 850	1 499	4 318
House heating fuel	82 816	7 444	7 076	10 579	18 579	39 138	31 675	2 120	2 986	4 490	5 328	16 751
Utility gas	18 524	741	1 265	2 853	5 508	8 157	7 420	287	1 134	1 939	1 244	2 716
Bottled, tank, or LP gas	704	81	154	142	140	187	409	33	35	58	102	191
Electricity	7 971	2 514	2 197	1 894	642	724	4 195	1 052	1 037	1 053	408	645
Fuel oil, kerosene, etc.	51 278	3 756	3 220	5 383	11 614	27 305	18 453	639	770	1 413	3 384	12 247
Other	4 339	352	240	307	675	2 765	1 198	19	10	27	190	952
Income in 1979 below poverty level	4 194	239	225	379	677	2 674	6 260	370	474	743	1 222	3 451
Percent below poverty level	5.1	3.2	3.2	3.6	3.6	6.8	19.8	17.5	15.9	16.5	22.9	20.6
HOUSEHOLD INCOME IN 1979												
Less than \$5,000	6 150	220	252	493	1 049	4 136	6 983	610	610	878	1 258	3 627
\$5,000 to \$9,999	10 172	338	505	896	2 135	6 298	7 297	445	652	788	1 112	4 300

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

Occupied housing units 82 856
 Condominium housing units 285

HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER

Married-couple families 61 260
 15 to 24 years 1 572
 25 to 34 years 11 700
 35 to 44 years 11 745
 45 to 64 years 25 799
 65 years and over 10 444

Male householder, no wife present 7 184
 15 to 24 years 312
 25 to 34 years 1 323
 35 to 44 years 888
 45 to 64 years 2 295
 65 years and over 2 366

Female householder, no husband present 14 412
 15 to 24 years 141
 25 to 34 years 920
 35 to 44 years 1 132
 45 to 64 years 4 849
 65 years and over 7 370

Median age 52.4

YEAR HOUSEHOLDER MOVED INTO UNIT

1979 to March 1980 6 589
 1975 to 1978 16 119
 1970 to 1974 12 803
 1960 to 1969 19 157
 1959 or earlier 28 188

ROOMS

1 room 99
 2 rooms 266
 3 rooms 1 528
 4 rooms 8 411
 5 rooms 15 650
 6 rooms 24 439
 7 or more rooms 32 463
 Median 6.1

PLUMBING FACILITIES BY PERSONS PER ROOM

Complete plumbing for exclusive use 81 875
 0.50 or less 57 345
 0.51 to 1.00 23 606
 1.01 to 1.50 798
 1.51 or more 126

Lacking complete plumbing for exclusive use 981
 0.50 or less 698
 0.51 to 1.00 221
 1.01 to 1.50 38
 1.51 or more 24

BEDROOMS

None 103
 1 3 243
 2 18 642
 3 42 292
 4 13 838
 5 or more 4 738

HOUSEHOLD INCOME IN 1979

Less than \$5,000 6 150
 \$5,000 to \$9,999 10 172
 \$10,000 to \$12,499 5 613
 \$12,500 to \$14,999 5 301
 \$15,000 to \$19,999 13 072
 \$20,000 to \$24,999 13 434
 \$25,000 to \$34,999 17 697
 \$35,000 to \$49,999 8 263
 \$50,000 or more 3 154
 Median \$20 391
 Mean \$22 312

SELECTED CHARACTERISTICS

Heating equipment 82 816
 Steam or hot water system 36 899
 Central warm-air furnace or electric heat pump 34 772
 Other built-in electric units 6 093
 Floor, wall, or pipeless furnace 748
 Other means 4 304

Air conditioning 39 525
 Central system 9 239

Vehicles available 76 059
 1 26 811
 2 or more 49 248

House heating fuel 82 816
 Utility gas 18 524
 Bottled, tank, or LP gas 704
 Electricity 7 971
 Fuel oil, kerosene, etc. 51 278
 Other 4 339

Water heating fuel 82 624
 Utility gas 25 355
 Bottled, tank, or LP gas 1 909
 Electricity 28 584
 Fuel oil, kerosene, etc. 25 517
 Other 1 259

Family householder 68 544
 With own children under 18 years 30 338
 With own children under 6 years 10 520

Female householder, no husband present 5 367
 With own children under 18 years 1 835
 With own children under 6 years 211

Nonfamily householder 14 312
 Income in 1979 below poverty level 4 194
 Percent below poverty level 5.1

	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	82 856	76 024	3 475	3 357	31 688	9 653	4 667	5 248	3 644	5 409	2 517	550
Condominium housing units	285	156	129	-	275	47	14	12	14	131	57	-
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER												
Married-couple families	61 260	57 245	1 949	2 066	11 674	5 026	1 836	1 382	922	1 756	463	289
15 to 24 years	1 572	1 205	83	284	1 894	566	384	355	184	304	34	67
25 to 34 years	11 700	10 837	307	556	3 774	1 716	577	477	267	550	80	107
35 to 44 years	11 745	11 113	222	410	1 697	1 006	245	130	123	140	21	32
45 to 64 years	25 799	24 481	760	558	2 594	1 196	361	220	204	450	103	60
65 years and over	10 444	9 609	577	258	1 715	542	269	200	144	312	225	23
Male householder, no wife present	7 184	6 029	563	592	7 190	1 642	927	1 372	1 128	1 400	558	163
15 to 24 years	312	183	44	85	1 513	338	216	329	252	287	52	39
25 to 34 years	1 323	997	165	161	2 205	567	290	389	329	497	74	55
35 to 44 years	888	760	61	67	1 829	151	129	151	129	142	92	25
45 to 64 years	2 295	1 976	139	180	1 602	391	170	295	249	300	171	26
65 years and over	2 366	2 113	154	99	1 041	195	122	198	169	174	169	14
Female householder, no husband present	14 412	12 750	963	699	12 824	2 985	1 904	2 494	1 594	2 253	1 496	98
15 to 24 years	141	83	27	31	1 704	380	196	491	315	269	36	17
25 to 34 years	920	729	57	134	2 674	787	443	469	347	487	104	37
35 to 44 years	1 132	988	44	100	1 499	559	194	242	163	292	33	16
45 to 64 years	4 849	4 312	317	220	2 676	620	464	537	342	541	161	11
65 years and over	7 370	6 638	518	214	4 271	639	607	755	427	664	1 162	17
Median age	52.4	52.5	58.5	42.0	39.4	37.3	38.4	36.9	37.4	39.9	70.2	32.1
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980	6 589	5 582	389	618	11 054	2 970	1 580	2 118	1 453	2 104	607	222
1975 to 1978	16 119	14 298	603	1 218	10 932	3 142	1 563	1 625	1 196	2 079	1 115	192
1970 to 1974	12 803	11 496	419	888	4 749	1 470	642	667	493	836	549	92
1960 to 1969	19 157	17 915	678	564	2 885	941	581	523	302	254	246	38
1959 or earlier	28 188	26 733	1 386	69	2 068	1 130	301	315	200	116	-	6
ROOMS												
1 room	99	77	14	8	1 397	58	26	100	263	476	474	-
2 rooms	266	192	29	45	2 071	173	121	585	334	257	582	19
3 rooms	1 528	818	439	271	7 260	639	1 207	1 745	1 209	1 488	869	103
4 rooms	8 411	5 922	917	1 572	8 587	1 511	1 778	1 809	1 106	1 743	373	267
5 rooms	15 650	13 746	800	1 104	6 140	2 247	972	795	575	1 221	192	138
6 rooms	24 439	23 613	563	263	3 317	2 481	348	131	116	191	27	23
7 or more rooms	32 463	31 656	713	94	2 916	2 544	215	83	41	33	-	-
Median	6.1	6.2	4.9	4.4	4.1	5.6	4.1	3.6	3.5	3.8	2.7	4.1
PLUMBING FACILITIES BY PERSONS PER ROOM												
Complete plumbing for exclusive use	81 875	75 278	3 268	3 329	30 536	9 457	4 490	5 108	3 463	5 054	2 435	529
0.50 or less	57 345	53 042	2 464	1 839	19 328	5 366	2 983	3 445	2 265	3 364	1 657	248
0.51 to 1.00	23 606	21 455	748	1 403	10 302	3 734	1 366	1 063	1 622	742	249	249
1.01 to 1.50	798	675	49	74	663	312	122	81	70	38	13	27
1.51 or more	126	106	7	13	243	45	19	56	65	30	23	5
Lacking complete plumbing for exclusive use	981	746	207	28	1 152	196	177	140	181	355	82	21
0.50 or less	698	546	131	21	424	138	97	72	42	29	26	20
0.51 to 1.00	221	138	76	7	643	42	51	56	126	311	56	1
1.01 to 1.50	38	38	-	-	55	14	29	12	-	-	-	-
1.51 or more	24	24	-	-	30	2	-	-	13	15	-	-
BEDROOMS												
None	103	81	14	8	1 726	98	48	163	328	505	584	-
1	3 243	1 943	962	338	11 677	1 089	2 021	2 910	1 896	2 213	1 457	91
2	18 642	15 433	1 246	1 963	11 309	3 023	1 883	1 894	1 245	2 449	448	367
3	42 292	40 522	791	979	5 105	3 818	569	235	151	220	28	84
4	13 838	13 479	298	61	1 327	1 143	114	33	12	17	-	8
5 or more	4 738	4 566	164	8	544	482	32	13	12	5	-	-
HOUSEHOLD INCOME IN 1979												
Less than \$5,000	6 150	5 335	449	366	6 983	1 792	901	1 274	739	974	1 225	78
\$5,000 to \$9,999	10 172	8 997	622	553	7 297	1 918	1 184	1 370	1 016	1 169	504	136
\$10,000 to \$12,499	5 613	4 829	362	422	3 629	974	615	696	522	602	143	77
\$12,500 to \$14,999	5 301	4 666	220	415	2 977	902	483	584	301	554	109	44
\$15,000 to \$19,999	13 072	11 874	576	622	4 746	1 663	691	645	542	862	220	123
\$20,000 to \$24,999	13 434	12 447	441	546	2 951	1 074	409	410	259	601	144	54
\$25,000 to \$34,999	17 697	16 889	465	343	2 180	885	312	223	190	461	77	32
\$35,000 to \$49,999	8 263	7 951	232	80	699	336	57	29	69	143	59	6
\$50,000 or more	3 154	3 036	108	10	228	109	15	17	6	43	36	-
Median	\$20 391	\$20 879	\$15 634	\$14 533	\$11 077	\$12 895	\$11 010	\$9 929	\$10 321	\$12 332	\$5 290	\$11 981
Mean	\$22 312	\$22 794	\$18 420	\$15 419	\$13 019	\$14 776	\$12 447	\$11 110	\$11 784	\$14 503	\$9 821	\$13 488
SELECTED CHARACTERISTICS												
Heating equipment	82 816	75 984	3 475	3 357	31 675	9 651	4 667	5 245	3 636	5 409	2 517	550
Steam or hot water system	36 899	34 462	2 261	176	16 565	4 237	3 112	3 648	2 407	2 131	988	42
Central warm-air furnace or electric heat pump	34 772	31 323	881	2 568	9 187	3 368	901	848	706	2 124	908	332
Other built-in electric units	6 093	5 924	79	90	2 869	735	227	324	320	865	366	32
Floor, wall, or pipeless furnace	748	662	46	40	311	119	24	37	25	76	16	14
Other means	4 304	3 613	208	483								

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	82 856	12 621	29 193	16 164	14 846	6 319	2 504	859	350	2.49	236 320
Nonrelatives present	2 959	—	1 410	594	515	242	112	66	—	2.62	9 210
ROOMS											
1 to 3 rooms	1 893	870	827	101	75	9	2	2	7	1.59	3 305
4 rooms	8 411	2 484	3 989	1 099	663	128	34	14	—	1.93	17 703
5 rooms	15 650	2 567	6 469	3 163	2 349	820	219	55	8	2.31	40 485
6 rooms	24 439	3 808	8 943	5 137	4 086	1 649	616	160	40	2.44	67 068
7 rooms	15 220	1 524	4 694	3 372	3 347	1 433	597	174	79	2.91	47 150
8 or more rooms	17 243	1 368	4 271	3 292	4 326	2 280	1 036	454	216	3.41	60 609
Median	6.1	5.6	5.9	6.2	6.6	6.9	7.1	7.6	7.9	...	...
PLUMBING FACILITIES BY PERSONS PER ROOM											
Complete plumbing for exclusive use	81 875	12 304	28 820	16 016	14 795	6 294	2 467	839	340	2.49	233 932
1.00 or less	80 951	12 304	28 782	16 001	14 724	6 165	2 224	610	141	2.48	228 437
1.01 to 1.50	798	—	—	6	49	120	241	213	169	6.43	4 802
1.51 or more	126	—	38	9	22	9	2	16	30	4.23	693
Lacking complete plumbing for exclusive use	981	317	373	148	51	25	37	20	10	1.97	2 388
1.00 or less	919	317	352	140	47	17	25	18	3	1.90	2 084
1.01 to 1.50	38	—	—	5	4	8	12	2	7	5.67	257
1.51 or more	24	—	21	3	—	—	—	—	—	2.07	47
UNITS IN STRUCTURE											
1, detached or attached	76 024	10 775	26 723	15 007	14 050	5 950	2 377	815	327	2.53	218 735
2 or more	3 475	1 098	1 319	540	272	148	59	27	12	1.98	8 648
Mobile home or trailer, etc.	3 357	748	1 151	617	524	221	68	17	11	2.31	8 937
VALUE											
Specified owner-occupied housing units	67 661	9 625	23 742	13 305	12 759	5 265	2 047	665	253	2.53	192 936
Less than \$10,000	2 205	819	824	249	181	45	49	26	12	1.84	4 449
\$10,000 to \$19,999	8 998	2 102	3 387	1 508	1 078	527	210	128	58	2.21	22 607
\$20,000 to \$29,999	11 545	2 053	4 312	2 132	1 737	759	366	120	66	2.36	31 523
\$30,000 to \$39,999	12 242	1 803	4 561	2 264	2 315	836	349	71	43	2.45	33 584
\$40,000 to \$49,999	11 404	1 237	4 124	2 618	2 192	840	281	101	11	2.63	32 516
\$50,000 to \$59,999	8 459	834	2 743	1 802	1 972	800	226	74	8	2.86	25 650
\$60,000 to \$79,999	8 884	571	2 641	1 970	2 165	1 005	400	89	43	3.12	29 100
\$80,000 to \$99,999	2 295	126	591	478	698	252	95	49	6	3.40	7 929
\$100,000 to \$149,999	1 232	62	440	217	310	155	48	—	—	3.03	4 140
\$150,000 or more	397	18	119	67	111	46	23	7	6	3.42	1 438
Median	\$39 000	\$29 000	\$37 200	\$41 600	\$44 700	\$44 500	\$41 400	\$37 400	\$28 900	...	...
SELECTED CHARACTERISTICS											
All income levels in 1979	82 856	12 621	29 193	16 164	14 846	6 319	2 504	859	350	2.49	236 320
Median income	\$20 391	\$7 199	\$17 969	\$23 816	\$24 994	\$26 067	\$26 099	\$26 448	\$33 375	...	...
Median selected monthly owner costs as percentage of household income	14.8	25.6	13.5	13.0	14.9	14.4	14.3	15.4	13.4	...	...
With a mortgage	18.1	27.6	18.1	17.8	17.8	16.8	17.1	18.4	15.1	...	...
Not mortgaged	11.4	24.8	11.6	10—	10—	10—	10—	10—	10—	...	...
Income in 1979 below poverty level	4 194	1 975	948	406	374	188	175	80	48	1.63	...
Median income	\$3 261	\$2 897	\$3 166	\$3 958	\$3 858	\$6 038	\$5 614	\$5 326	\$10 543	...	...
Median selected monthly owner costs as percentage of household income	50+	50+	49.5	50+	50+	45.7	50+	50+	27.7	...	...
With a mortgage	50+	50+	50+	50+	50+	50+	50+	50+	30.0	...	...
Not mortgaged	49.4	50+	45.3	43.8	36.0	31.9	23.8	50+	23.9	...	...
Renter-occupied housing units	31 688	12 758	8 832	4 789	2 951	1 485	528	237	108	1.85	68 263
Nonrelatives present	3 208	—	1 769	703	343	241	107	35	10	2.41	9 049
ROOMS											
1 room	1 397	1 283	80	34	—	—	—	—	—	1.04	1 494
2 rooms	2 071	1 718	264	55	26	8	—	—	—	1.10	2 475
3 rooms	7 260	4 730	1 938	394	123	46	16	13	—	1.27	10 379
4 rooms	8 587	2 974	3 092	1 566	677	211	35	32	—	1.93	17 349
5 rooms	6 140	1 304	2 027	1 347	914	366	146	25	11	2.37	15 716
6 rooms	3 317	489	795	790	630	379	151	48	35	2.97	10 565
7 or more rooms	2 916	260	636	603	581	475	180	119	62	3.43	10 285
Median	4.1	3.2	4.2	4.8	5.2	5.8	5.9	6.5	6.7	...	...
PLUMBING FACILITIES BY PERSONS PER ROOM											
Complete plumbing for exclusive use	30 536	11 971	8 648	4 721	2 910	1 457	497	226	106	1.88	66 440
1.00 or less	29 630	11 971	8 580	4 650	2 774	1 218	308	116	13	1.83	62 137
1.01 to 1.50	663	—	—	53	110	185	173	67	75	5.41	3 418
1.51 or more	243	—	68	18	26	54	16	43	18	4.68	885
Lacking complete plumbing for exclusive use	1 152	787	184	68	41	28	31	11	2	1.23	1 823
1.00 or less	1 067	787	172	50	28	2	23	3	2	1.18	1 489
1.01 to 1.50	55	—	—	2	13	26	8	6	—	4.98	252
1.51 or more	30	—	12	16	—	—	—	2	—	2.69	82
UNITS IN STRUCTURE											
1, detached or attached	9 653	1 862	2 431	2 030	1 654	1 017	418	169	72	2.76	28 442
2	4 667	1 858	1 470	675	414	162	55	5	28	1.82	9 430
3 and 4	5 248	2 584	1 552	700	262	95	23	7	—	1.53	9 395
5 to 9	3 644	1 985	883	424	226	81	23	25	—	1.42	6 349
10 to 49	5 409	2 486	1 813	718	297	81	5	8	—	1.62	9 818
50 or more	2 517	1 864	522	109	11	9	2	—	—	1.18	3 374
Mobile home or trailer, etc.	550	119	161	133	87	40	2	—	—	2.47	1 455
GROSS RENT											
Specified renter-occupied housing units	29 926	12 504	8 333	4 429	2 622	1 292	439	213	94	1.80	62 828
Less than \$100	2 647	1 979	275	77	77	75	49	17	8	1.17	3 812
\$100 to \$149	3 623	2 347	767	283	128	54	40	2	2	1.27	6 032
\$150 to \$199	6 255	3 273	1 636	722	416	144	32	23	9	1.46	10 922
\$200 to \$249	6 368	2 187	2 023	1 037	675	319	76	30	21	1.99	13 807
\$250 to \$299	4 873	1 363	1 768	898	544	183	46	53	18	2.11	10 946
\$300 to \$349	2 322	517	822	445	234	185	65	42	12	2.28	6 229
\$350 to \$399	1 305	161	390	400	163	101	76	14	—	2.75	3 967
\$400 to \$499	764	100	159	197	132	122	12	20	22	3.12	2 675
\$500 or more	236	25	59	55	56	21	20	—	—	3.12	770
No cash rent	1 533	552	434	225	197	88	23	12	2	1.99	3 668
Median	\$212	\$175	\$230	\$245	\$244	\$252	\$261	\$283	\$262	...	...
SELECTED CHARACTERISTICS											
All income levels in 1979	31 688	12 758	8 832	4 789	2 951	1 485	528	237	108	1.85	68 263
Median income	\$11 077	\$7 217	\$13 931	\$14 105	\$15 077	\$13 937	\$15 811	\$13 542	\$13 333	...	...
Median gross rent as percentage of household income	23.4	26.6	20.4	22.3	21.1	23.2	19.4	20.3	25.0	...	...
Income in 1979 below poverty level	6 260	2 776	1 169	906	610	446	180	115	58	1.80	...
Median income	\$3 576	\$3 040	\$3 715	\$3 878	\$4 661	\$5 095	\$5 750	\$7 674	\$4 917	...	...
Median gross rent as percentage of household income	50+	48.6	50+	50+	50+	46.8	41.1	43.3	33.8	...	...

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						Male householder, no wife present						Female householder, no husband present						Median age				
	15 to 24 years		25 to 34 years		35 to 44 years		45 to 64 years		65 years and over		15 to 24 years		25 to 34 years		35 to 44 years		45 to 64 years			65 years and over			
	Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	15 to 24 years	25 to 34 years		35 to 44 years	45 to 64 years	65 years and over	
The SMSA																							
Owner-occupied housing units	82 856	1 572	11 700	11 745	25 799	10 444	312	1 323	888	2 295	2 366	141	920	1 132	4 849	7 370	52.4						
PERSONS IN UNIT																							
1 person	12 621	786	2 420	890	11 543	8 529	170	810	450	1 139	1 691	64	223	230	2 456	5 388	52.3						
2 persons	29 193	533	3 201	2 030	6 776	4 529	89	286	194	717	473	52	310	199	1 337	3 368	39.1						
3 persons	16 164	211	4 376	2 030	6 776	4 529	46	154	111	240	106	23	240	271	717	1 368	44.7						
4 persons	14 846	3	1 191	2 573	1 215	87	7	39	82	133	44	—	114	261	178	39.8							
5 persons	6 319	12	512	2 573	1 215	87	—	22	27	38	36	2	40	82	105	32							
6 or more persons	3 713	2.50	3.55	4.13	2.70	2.11	1.42	1.32	1.49	1.51	1.20	1.43	1.77	3.01	1.49	56							
Median	2.49	4 373	41 547	49 640	78 897	24 000	543	2 272	1 790	4 215	3 490	272	2 355	3 408	9 094	10 424	42.9						
Total persons	236 320	1 558	11 655	11 687	25 594	10 303	307	1 299	878	2 237	2 277	175	913	1 121	4 746	7 175	52.3						
PLUMBING FACILITIES BY PERSONS PER ROOM																							
Complete plumbing for exclusive use	81 875	1 558	11 655	11 687	25 594	10 303	307	1 299	878	2 237	2 277	175	913	1 121	4 746	7 175	52.3						
1.01 or more persons per room	924	14	45	58	205	141	5	3	2	2	89	16	7	25	103	195	43.7						
Lacking complete plumbing for exclusive use	981	6	24	5	15	—	—	—	—	—	—	—	—	—	—	—	62.0						
1.01 or more persons per room	62	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	36.0						
MORTGAGE STATUS AND SELECTED MONTHLY INCOME IN 1979																							
Specified owner-occupied housing units																							
With a mortgage	67 661	1 140	10 052	9 851	21 448	8 369	175	886	657	1 703	1 860	71	697	904	3 878	5 970	52.3						
Less than 15 percent	32 670	1 077	9 332	8 111	4 578	1 666	150	755	515	650	1 122	49	591	676	1 077	321	39.1						
15 to 19 percent	11 469	1 077	1 879	3 450	4 989	1 60	7	110	131	232	11	—	63	45	202	30	44.7						
20 to 24 percent	7 709	245	2 696	2 085	1 592	137	29	142	165	109	8	—	69	136	245	38	37.3						
25 to 29 percent	5 437	318	2 090	1 204	904	72	22	194	70	109	6	8	110	128	169	33	34.9						
30 to 34 percent	3 138	184	1 205	596	440	95	6	107	67	43	28	6	126	90	124	19	34.6						
35 percent or more	1 739	93	639	302	211	82	27	165	16	37	14	—	63	51	105	24	34.7						
Not computed	3 063	77	795	465	120	—	45	126	66	98	53	33	153	221	216	167	39.0						
Median	115	22.1	20.2	28	14	—	12	11	11	11	2	—	7	5	16	10	39.0						
Not mortgaged	34 991	63	702	1 740	12 870	7 703	30.6	23.2	18.8	18.6	32.5	45.3	27.0	26.5	22.5	39.1	62.8						
Less than 10 percent	15 321	51	397	1 243	9 024	5 024	16	53	87	536	1 738	22	106	728	2 801	5 649	62.8						
10 to 14 percent	7 504	10	172	365	2 514	2 270	1.6	20	14	279	9	—	38	45	744	753	57.2						
15 to 19 percent	3 969	—	75	74	759	52	5	25	20	89	285	9	22	62	447	673	63.1						
20 to 24 percent	2 291	—	38	21	220	11	—	10	—	33	246	6	—	19	219	616	70.0						
25 to 29 percent	1 646	—	5	8	109	—	—	5	14	11	214	—	—	—	179	596	70.9						
30 to 34 percent	1 152	—	6	—	59	—	—	10	26	26	132	—	—	—	133	530	72.4						
35 percent or more	2 926	—	27	29	161	361	—	8	7	73	294	—	23	30	327	1 586	72.5						
Not computed	182	—	—	—	24	—	—	—	—	—	9	—	—	—	20	71	72.7						
Median	11.4	10—	10—	10—	14.1	—	10—	13.1	10—	10—	20.4	15.3	11.7	15.1	14.4	24.4	—						
Renter-occupied housing units	31 688	1 894	3 774	1 697	2 594	1 715	1 513	2 205	829	1 602	1 041	1 774	2 674	1 499	2 676	4 271	39.4						
PERSONS IN UNIT																							
1 person	12 758	846	1 118	228	1 386	—	731	1 509	596	1 231	884	654	1 006	389	1 828	3 930	56.8						
2 persons	8 832	695	1 088	293	641	1 510	488	390	125	268	105	519	678	347	459	285	39.3						
3 persons	4 789	304	1 032	495	279	54	200	178	56	50	26	240	514	368	219	48	31.3						
4 persons	2 951	45	375	410	181	54	40	92	14	26	22	11.4	221	155	107	6	32.6						
5 persons	1 485	4	4	4	271	23	43	24	24	13	—	53	155	127	28	2	35.6						
6 or more persons	873	2.65	3.21	4.16	2.44	2.07	1.55	1.23	1.20	1.15	1.09	1.43	1.99	2.54	1.23	1.04	38.3						
Median	1.85	5 135	12 246	7 157	7 338	3 804	2 789	3 296	1 265	2 162	1 312	3 336	5 801	3 982	3 994	4 646	—						
Total persons	68 263	1 894	3 774	1 697	2 594	1 715	1 513	2 205	829	1 602	1 041	1 774	2 674	1 499	2 676	4 271	39.4						
PLUMBING FACILITIES BY PERSONS PER ROOM																							
Complete plumbing for exclusive use	30 536	1 894	3 774	1 697	2 594	1 715	1 513	2 205	829	1 602	1 041	1 774	2 674	1 499	2 676	4 271	39.4						
1.01 or more persons per room	906	59	156	204	96	14	26	32	8	17	9	74	84	99	21	7	39.1						
Lacking complete plumbing for exclusive use	1 152	44	48	36	52	—	94	119	95	198	133	34	20	23	68	134	50.5						
1.01 or more persons per room	85	9	18	25	—	—	—	7	—	—	8	4	—	6	8	—	36.0						
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979																							
Specified renter-occupied housing units																							
Less than 15 percent	29 926	1 797	3 373	1 458	2 273	1 602	1 432	2 105	801	1 563	1 002	1 613	2 584	1 431	2 611	4 211	39.7						
15 to 19 percent	5 809	380	1 059	498	832	209	240	567	320	456	135	142	239	147	335	250	56.8						
20 to 24 percent	4 771	349	739	342	415	183	311	449	112	224	107	219	469	282	319	252	39.3						
25 to 29 percent	3 220	170	491	183	255	259	192	400	130	203	144	242	500	173	407	687	36.0						
30 to 34 percent	1 812	77	107	57	96	128	39	113	38	121	119	170	195	134	419	582	45.2						
35 to 49 percent	3 494	135	196	76	116	242	162	166	46	130	197	147	155	144	175	341	44.5						
50 percent or more	4 023	160	152																				

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	12 621	4 260	170	810	450	1 139	1 691	8 361	64	223	230	2 456	5 388
PLUMBING FACILITIES													
Complete plumbing for exclusive use	12 304	4 149	170	795	442	1 101	1 641	8 155	48	220	226	2 406	5 255
Lacking complete plumbing for exclusive use	317	111	-	15	8	38	50	206	16	3	4	50	133
UNITS IN STRUCTURE													
1, detached or attached	10 775	3 505	89	580	370	958	1 508	7 270	28	165	180	2 106	4 791
2 or more	1 098	390	28	123	44	76	119	708	27	28	19	223	411
Mobile home or trailer, etc.	748	365	53	107	36	105	64	383	9	30	31	127	186
HOUSEHOLD INCOME IN 1979													
Less than \$5,000	4 354	852	24	62	28	141	597	3 502	10	11	26	560	2 895
\$5,000 to \$9,999	3 870	1 092	16	98	37	210	731	2 778	39	41	58	925	1 715
\$10,000 to \$12,499	1 124	405	42	86	18	135	124	719	-	30	24	377	288
\$12,500 to \$14,999	758	353	47	100	38	102	66	405	8	40	27	181	149
\$15,000 to \$19,999	1 330	723	30	237	162	226	68	607	7	83	81	260	176
\$20,000 to \$24,999	626	435	9	146	71	170	39	191	-	15	2	95	79
\$25,000 to \$34,999	373	265	2	75	55	115	18	108	-	3	6	51	48
\$35,000 to \$49,999	124	90	-	-	28	22	40	34	-	-	6	7	21
\$50,000 or more	62	45	-	6	13	18	8	17	-	-	-	-	17
Median	\$7 199	\$11 148	\$12 660	\$16 054	\$18 067	\$14 547	\$6 230	\$6 064	\$7 500	\$14 344	\$13 148	\$8 750	\$4 797
Mean	\$9 839	\$13 830	\$11 886	\$16 150	\$19 948	\$16 221	\$9 674	\$7 805	\$8 326	\$13 604	\$12 682	\$9 522	\$6 568
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS													
Specified owner-occupied housing units	9 625	3 078	89	513	308	827	1 341	6 547	26	156	162	1 917	4 286
With a mortgage	2 074	1 110	88	442	211	277	92	964	24	143	110	487	200
Less than \$200	313	109	3	20	5	40	41	204	-	7	2	111	84
\$200 to \$249	349	150	12	40	11	81	6	199	-	7	6	144	42
\$250 to \$299	430	255	16	98	79	52	10	175	17	19	26	87	26
\$300 to \$349	274	155	16	51	26	53	9	119	-	49	15	27	28
\$350 to \$399	227	120	18	51	34	6	11	107	-	30	30	43	4
\$400 to \$499	320	228	11	131	45	29	12	92	-	24	15	51	2
\$500 to \$599	121	80	12	41	11	16	-	41	7	2	16	8	8
\$600 to \$749	26	13	-	10	-	-	3	13	-	5	-	8	-
\$750 or more	14	-	-	-	-	-	-	14	-	-	-	8	6
Median	\$294	\$313	\$341	\$362	\$320	\$267	\$242	\$273	\$285	\$339	\$360	\$246	\$219
Not mortgaged	7 551	1 968	1	71	97	550	1 249	5 583	2	13	52	1 430	4 086
Less than \$50	90	38	-	5	-	13	20	52	-	-	-	24	28
\$50 to \$74	299	96	-	-	6	14	76	203	-	2	5	27	169
\$75 to \$99	1 268	369	1	8	15	138	207	899	-	-	11	194	694
\$100 to \$124	1 974	530	-	33	6	160	331	1 444	-	2	6	456	980
\$125 to \$149	1 864	437	-	16	27	120	274	1 427	-	7	6	366	1 048
\$150 to \$199	1 475	315	-	7	22	65	221	1 160	2	2	17	290	849
\$200 to \$249	393	108	-	2	16	28	62	285	-	-	-	34	251
\$250 or more	188	75	-	-	5	12	58	113	-	-	7	39	67
Median	\$127	\$123	\$88	\$117	\$145	\$117	\$124	\$128	\$175	\$134	\$142	\$126	\$129
SELECTED CHARACTERISTICS													
Median selected monthly owner costs as percentage of household income in 1979	25.6	21.9	31.9	24.4	19.1	14.1	24.9	27.6	45.6	28.0	27.3	20.4	30.3
With a mortgage	27.6	25.2	32.0	25.9	21.4	22.3	38.3	29.7	46.3	27.9	28.6	26.5	50+
Not mortgaged	24.8	19.0	10-	16.0	10-	10.7	29.0	27.0	32.5	50+	17.2	18.6	29.7
Income in 1979 below poverty level	1 975	323	19	55	16	61	172	1 652	10	11	8	389	1 234
Percent below poverty level	15.6	7.6	11.2	6.8	3.6	5.4	10.2	19.8	15.6	4.9	3.5	15.8	22.9
Renter-occupied housing units	12 758	4 951	731	1 509	596	1 231	884	7 807	654	1 006	389	1 828	3 930
PLUMBING FACILITIES													
Complete plumbing for exclusive use	11 971	4 359	643	1 399	512	1 041	764	7 612	638	992	388	1 783	3 811
Lacking complete plumbing for exclusive use	787	592	88	110	84	190	120	195	16	14	1	45	119
UNITS IN STRUCTURE													
1, detached or attached	1 862	855	126	260	62	263	144	1 007	60	108	37	288	514
2	1 858	556	74	199	68	118	97	1 302	85	217	67	357	576
3 and 4	2 584	969	162	300	138	213	156	1 615	183	253	91	408	680
5 to 9	1 985	876	118	299	111	215	133	1 109	179	189	92	260	389
10 to 49	2 486	1 105	200	361	112	261	171	1 381	130	159	84	392	616
50 or more	1 864	502	34	67	92	140	169	1 362	12	76	15	119	1 140
Mobile home or trailer, etc.	119	88	17	23	13	21	14	31	5	4	3	4	15
HOUSEHOLD INCOME IN 1979													
Less than \$5,000	4 665	1 175	163	148	63	309	492	3 490	175	74	96	642	2 503
\$5,000 to \$9,999	3 687	1 233	242	333	120	298	240	2 454	324	329	100	679	1 022
\$10,000 to \$12,499	1 522	706	161	259	97	116	73	816	86	287	42	248	153
\$12,500 to \$14,999	904	447	61	212	78	85	11	457	36	190	54	71	106
\$15,000 to \$19,999	1 190	754	76	354	89	198	37	436	23	117	78	151	67
\$20,000 to \$24,999	400	310	13	139	55	89	14	90	10	9	19	20	32
\$25,000 to \$34,999	278	252	15	49	77	99	12	26	-	-	-	-	26
\$35,000 to \$49,999	71	45	-	15	-	30	-	26	-	-	-	17	9
\$50,000 or more	41	29	-	-	17	7	5	12	-	-	-	-	12
Median	\$7 217	\$10 239	\$9 003	\$12 671	\$13 077	\$10 183	\$4 705	\$5 788	\$7 701	\$10 871	\$9 943	\$7 092	\$4 369
Mean	\$8 917	\$11 656	\$9 153	\$13 064	\$15 789	\$12 641	\$7 166	\$7 180	\$7 477	\$10 584	\$10 501	\$7 730	\$5 674
GROSS RENT													
Specified renter-occupied housing units	12 504	4 814	697	1 479	580	1 200	858	7 690	647	994	386	1 787	3 876
Less than \$100	1 979	544	35	50	86	134	239	1 435	19	11	14	232	1 159
\$100 to \$149	2 347	1 033	168	183	151	304	227	1 314	76	109	44	419	666
\$150 to \$199	3 273	1 135	179	340	129	325	162	2 138	331	388	136	532	751
\$200 to \$249	2 187	871	178	408	80	145	60	1 316	136	288	78	273	541
\$250 to \$299	1 363	610	82	305	55	122	46	753	51	130	73	210	289
\$300 to \$349	517	263	36	99	40	60	28	254	11	46	24	36	137
\$350 to \$399	161	93	1	39	12	16	25	68	-	6	5	13	44
\$400 to \$499	100	36	-	13	6	10	7	64	6	-	-	29	29
\$500 or more	25	25	-	5	7	13	-	-	-	-	-	-	-
No cash rent	552	204	18	37	14	71	64	348	17	16	12	43	260
Median	\$175	\$182	\$188	\$215	\$167	\$165	\$134	\$171	\$183	\$198	\$197	\$167	\$149
SELECTED CHARACTERISTICS													
Median gross rent as percentage of household income in 1979	26.6	22.1	24.5	20.7	16.3	20.7	29.4	29.0	29.6	23.6	22.7	28.0	33.5
Income in 1979 below poverty level	2 776	663	92	91	48	207	225	2 113	124	50	65	532	1 342
Percent below poverty level	21.8	13.4	12.6	6.0	8.1	16.8	25.5						

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

[Oto or 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 -----				
	1 025	225	402	398		1 813	710	669	434
ROOMS					ROOMS				
1 to 3 rooms -----	41	12	12	17	1 room -----	148	59	53	36
4 rooms -----	157	22	50	85	2 rooms -----	115	45	56	14
5 rooms -----	204	50	69	85	3 rooms -----	447	164	172	111
6 rooms -----	250	61	91	98	4 rooms -----	569	278	191	100
7 rooms -----	181	53	81	47	5 rooms -----	267	117	94	56
8 or more rooms -----	192	27	99	66	6 rooms -----	135	4	61	70
Median -----	5.9	6.0	6.3	5.6	7 or more rooms -----	132	43	42	47
					Median -----	3.8	3.8	3.8	4.1
PLUMBING FACILITIES					PLUMBING FACILITIES				
Complete plumbing for exclusive use -----	993	225	392	376	Complete plumbing for exclusive use -----	1 709	675	638	396
Lacking complete plumbing for exclusive use -----	32	—	10	22	Lacking complete plumbing for exclusive use -----	104	35	31	38
BEDROOMS					BEDROOMS				
None -----	—	—	—	—	None -----	150	61	53	36
1 -----	45	2	11	32	1 -----	673	288	228	157
2 -----	286	59	94	133	2 -----	696	311	255	130
3 -----	503	108	221	174	3 -----	227	33	96	98
4 -----	123	56	46	21	4 -----	30	13	8	9
5 or more -----	68	—	30	38	5 or more -----	37	4	29	4
YEAR STRUCTURE BUILT					YEAR STRUCTURE BUILT				
1975 to March 1980 -----	267	84	109	74	1975 to March 1980 -----	161	106	31	24
1970 to 1974 -----	90	33	50	7	1970 to 1974 -----	189	88	99	2
1960 to 1969 -----	63	17	24	22	1960 to 1969 -----	141	87	29	25
1950 to 1959 -----	118	21	59	38	1950 to 1959 -----	91	35	40	16
1940 to 1949 -----	62	15	30	17	1940 to 1949 -----	159	61	57	41
1939 or earlier -----	425	55	130	240	1939 or earlier -----	1 072	333	413	326
UNITS IN STRUCTURE					UNITS IN STRUCTURE				
1, detached or attached -----	885	185	348	352	1, detached or attached -----	384	74	166	144
2 or more -----	61	8	21	32	2 -----	227	117	47	63
Mobile home or trailer -----	79	32	33	14	3 and 4 -----	409	120	173	116
HEATING EQUIPMENT					HEATING EQUIPMENT				
Central heating system -----	935	191	387	357	5 to 9 -----	315	136	120	59
Other means -----	74	34	13	27	10 to 49 -----	334	199	105	30
None -----	16	—	2	14	50 or more -----	103	55	44	4
					Mobile home or trailer -----	41	9	14	18
PRICE ASKED					RENT ASKED				
Specified vacant for sale only housing units -----					Specified vacant for rent housing units -----				
Less than \$10,000 -----	776	160	312	304	Less than \$100 -----	1 779	708	655	416
\$10,000 to \$19,999 -----	61	14	6	41	\$100 to \$149 -----	151	33	42	76
\$20,000 to \$29,999 -----	85	8	32	45	\$150 to \$199 -----	442	172	142	128
\$30,000 to \$39,999 -----	106	11	44	51	\$200 to \$249 -----	572	216	221	135
\$40,000 to \$49,999 -----	116	15	23	78	\$250 to \$299 -----	296	124	121	51
\$50,000 to \$59,999 -----	147	53	61	33	\$300 to \$399 -----	217	126	75	16
\$60,000 to \$79,999 -----	114	32	49	33	\$400 or more -----	83	24	49	10
\$80,000 to \$99,999 -----	115	13	79	23	Median -----	18	13	5	—
\$100,000 or more -----	14	4	10	—		\$169	\$183	\$172	\$151
Median -----	18	10	8	—					
	\$40 900	\$43 100	\$48 300	\$31 300					

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

[Oto or 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 -----	776	61	191	263	243	18	40 900	1 779	151	1 014	513	83	18	169
PLUMBING FACILITIES														
Complete plumbing for exclusive use -----	744	45	182	263	236	18	41 400	1 679	123	976	485	77	18	170
Lacking complete plumbing for exclusive use -----	32	16	9	—	7	—	10 000	100	28	38	28	6	—	132
BEDROOMS														
None -----	—	—	—	—	—	—	—	150	30	101	—	6	13	122
1 -----	13	3	2	—	8	—	75 900	673	43	484	146	—	—	161
2 -----	167	17	49	73	28	—	31 600	691	74	260	293	59	5	204
3 -----	432	32	90	152	158	—	43 100	200	4	134	47	15	—	160
4 -----	106	7	15	22	44	18	52 500	28	—	20	5	3	—	159
5 or more -----	58	2	35	16	5	—	26 900	37	—	15	22	—	—	210
YEAR STRUCTURE BUILT														
1975 to March 1980 -----	169	—	—	57	112	—	56 200	152	10	38	91	13	—	250
1970 to 1974 -----	35	—	—	10	25	—	52 500	189	17	35	111	26	—	247
1960 to 1969 -----	59	—	3	30	26	—	48 500	136	8	28	70	12	18	222
1950 to 1959 -----	113	—	10	36	49	18	52 500	91	—	57	34	—	—	168
1940 to 1949 -----	55	15	13	26	1	—	24 800	148	9	117	22	—	—	160
1939 or earlier -----	345	46	165	104	30	—	24 700	1 063	107	739	185	32	—	157
UNITS IN STRUCTURE														
1, detached or attached -----	776	61	191	263	243	18	40 900	350	35	200	97	18	—	172
2 or more -----	—	—	—	—	—	—	—	1 388	103	804	398	65	18	168
Mobile home or trailer -----	—	—	—	—	—	—	—	41	13	10	18	—	—	189

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

[Oto or est estimates based on o sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and 8]

Reading 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.....	13 594	2 106	2 462	3 594	2 598	1 399	619	252	141	21	402	179
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER												
Married-couple families.....	3 392	114	303	881	977	509	266	116	46	17	163	215
15 to 24 years.....	505	—	14	173	202	81	23	6	—	—	6	211
25 to 34 years.....	976	8	88	185	367	180	70	13	29	—	36	225
35 to 44 years.....	563	8	41	136	157	102	36	34	13	4	32	223
45 to 64 years.....	688	75	71	160	135	79	66	54	—	13	35	208
65 years and over.....	660	23	89	227	116	67	71	9	4	—	54	189
Male householder, no wife present.....	3 269	417	822	910	559	287	107	27	43	4	93	168
15 to 24 years.....	666	11	159	238	173	51	19	—	10	—	5	183
25 to 34 years.....	767	21	118	222	171	130	50	—	20	4	11	204
35 to 44 years.....	381	60	123	64	82	27	7	11	—	—	7	157
45 to 64 years.....	805	95	262	244	69	65	16	3	6	—	45	153
65 years and over.....	650	230	160	142	44	14	15	13	7	—	25	125
Female householder, no husband present.....	6 933	1 575	1 337	1 803	1 062	603	236	109	52	—	146	164
15 to 24 years.....	991	115	142	385	227	100	5	10	—	—	7	181
25 to 34 years.....	1 254	211	135	347	309	133	77	24	18	—	13	195
35 to 44 years.....	766	66	135	194	135	103	86	34	4	—	9	197
45 to 64 years.....	1 440	223	425	390	185	123	18	23	—	—	30	156
65 years and over.....	2 482	960	500	487	206	144	60	18	7	—	100	127
Median age.....	44.5	69.2	54.2	40.5	32.4	36.5	38.7	44.0	34.3	51.6	61.7	...
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980.....	4 795	327	608	1 471	1 204	657	254	131	82	16	45	199
1975 to 1978.....	4 420	790	873	1 045	587	454	224	58	25	5	59	177
1970 to 1974.....	2 194	524	468	515	299	188	91	32	7	—	70	158
1960 to 1969.....	1 393	365	335	348	133	80	50	12	19	—	51	145
1959 or earlier.....	792	100	178	215	75	20	—	19	8	—	177	161
ROOMS												
1 room.....	934	372	445	93	9	5	—	6	—	—	4	110
2 rooms.....	1 442	488	389	380	124	38	—	—	14	—	9	132
3 rooms.....	3 835	667	797	1 430	657	177	72	—	5	—	30	166
4 rooms.....	3 482	395	570	1 056	802	364	172	48	10	9	56	189
5 rooms.....	1 950	124	155	398	631	380	116	63	—	—	83	220
6 rooms.....	1 037	60	97	155	230	220	110	22	46	12	85	233
7 or more rooms.....	914	—	9	82	145	215	149	113	66	—	135	283
Median.....	3.7	2.8	3.0	3.4	4.1	4.8	5.1	5.9	6.4	5.6	5.7	...
PLUMBING FACILITIES BY PERSONS PER ROOM AND POVERTY STATUS IN 1979												
All income levels in 1979												
Complete plumbing for exclusive use.....	13 594	2 106	2 462	3 594	2 598	1 399	619	252	141	21	402	179
0.50 or less.....	13 143	1 978	2 273	3 534	2 550	1 388	612	252	141	21	394	181
0.51 to 1.00.....	8 172	1 302	1 457	2 326	1 397	811	360	128	73	17	301	175
1.01 to 1.50.....	4 441	583	753	1 081	1 024	499	241	119	48	4	89	191
1.51 or more.....	335	71	45	61	73	56	11	5	13	—	—	188
1.51 or more.....	195	22	18	66	56	22	—	—	7	—	5	184
Locking complete plumbing for exclusive use.....	451	128	189	60	48	11	7	—	—	—	8	113
0.50 or less.....	146	30	31	37	31	6	7	—	—	—	4	177
0.51 to 1.00.....	271	90	154	23	—	—	—	—	—	—	4	107
1.01 to 1.50.....	17	—	—	—	17	—	—	—	—	—	—	218
1.51 or more.....	17	8	4	—	—	5	—	—	—	—	—	101
Income in 1979 below poverty level												
Complete plumbing for exclusive use.....	4 152	1 331	766	927	618	243	123	45	54	—	45	148
1.01 or more persons per room.....	3 969	1 277	671	915	606	237	123	45	54	—	41	151
Locking complete plumbing for exclusive use.....	353	85	46	83	84	31	7	—	13	—	4	173
1.01 or more persons per room.....	183	54	95	12	12	6	—	—	—	—	4	107
1.01 or more persons per room.....	4	—	4	—	—	—	—	—	—	—	—	105
BEDROOMS												
None.....	1 207	452	507	199	34	5	—	6	—	—	4	115
1.....	6 369	1 179	1 440	2 182	1 088	290	97	12	14	4	63	162
2.....	3 821	336	377	924	1 054	673	246	69	15	13	114	210
3.....	1 484	99	113	225	332	285	153	63	38	4	172	230
4.....	401	40	23	34	59	84	62	47	34	—	18	270
5 or more.....	312	—	2	30	31	62	61	55	40	—	31	313
UNITS IN STRUCTURE												
1, detached or attached.....	3 310	546	229	522	568	550	279	167	100	12	337	215
2.....	2 063	117	359	759	593	148	29	13	7	—	38	187
3 and 4.....	3 134	229	735	1 161	743	203	35	16	—	—	12	175
5 to 9.....	1 873	242	508	713	278	88	30	—	—	4	10	161
10 to 49.....	1 471	239	264	269	286	245	131	32	5	—	—	193
50 or more.....	1 728	733	367	160	130	165	115	24	29	5	—	117
Mobile home or trailer, etc.....	15	—	—	10	—	—	—	—	—	—	5	180
YEAR STRUCTURE BUILT												
1975 to March 1980.....	479	220	65	37	8	46	75	17	11	—	—	116
1970 to 1974.....	892	269	214	160	82	57	74	20	11	5	—	145
1960 to 1969.....	1 177	467	59	129	177	209	106	15	10	—	5	184
1950 to 1959.....	866	113	93	194	210	189	23	8	15	4	17	205
1940 to 1949.....	1 645	293	178	440	386	213	39	61	16	—	19	191
1939 or earlier.....	8 535	744	1 853	2 634	1 735	685	302	131	78	12	361	178
STORIES IN STRUCTURE												
1 to 3.....	11 532	1 336	2 013	3 233	2 422	1 263	507	228	112	16	402	185
4 or more.....	2 062	770	449	361	176	136	112	24	29	5	—	125
With elevator.....	1 718	751	365	216	118	115	95	24	29	5	—	116
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979												
Less than 15 percent.....	2 200	326	544	620	445	178	61	19	7	—	—	169
15 to 19 percent.....	2 038	268	410	482	477	262	99	33	7	—	—	188
20 to 24 percent.....	2 240	667	317	518	377	220	85	29	27	—	—	164
25 to 29 percent.....	1 571	423	239	405	254	139	88	8	10	5	—	163
30 to 34 percent.....	1 880	139	117	225	139	164	36	34	22	4	—	195
35 to 49 percent.....	1 857	186	448	566	307	178	98	56	14	4	—	177
50 percent or more.....	2 241	81	348	728	571	252	139	70	44	8	—	198
Not computed.....	567	16	39	50	28	6	13	3	10	—	402	184
Median.....	25.1	23.4	24.1	26.9	24.8	26.3	28.3	35.5	33.3	36.9	—	...
SELECTED CHARACTERISTICS												
Heating equipment.....	13 586	2 106	2 454	3 594	2 598	1 399	619	252	141	21	402	179
Central heating system.....	12 403	1 873	2 314	3 267	2 417	1 238	551	216	129	13	385	179
Air conditioning.....	4 408	387	678	1 109	927	607	360	101	61	9	169	199
Control system.....	661	75	68	92	54	123	165	46	33	5	—	275

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

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

Reading city	Household income in 1979												Income in 1979 below poverty level
	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)	Mean (dollars)	
Owner-occupied housing units	18 126	1 952	3 166	1 581	1 201	3 244	2 529	3 006	1 098	349	16 752	18 412	1 392
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families	11 104	275	1 309	903	732	2 206	1 940	2 476	946	317	20 299	22 108	384
15 to 24 years	336	8	42	38	24	96	73	55	—	—	17 872	17 613	8
25 to 34 years	1 977	39	132	152	148	521	510	386	83	6	19 964	20 312	110
35 to 44 years	1 700	43	72	85	100	316	330	553	165	36	23 322	23 732	96
45 to 64 years	4 615	73	183	260	205	919	850	1 276	630	219	23 908	26 364	95
65 years and over	2 476	112	880	368	255	354	177	206	68	56	11 671	15 106	75
Male householder, no wife present	2 149	278	429	209	194	385	270	282	80	22	14 543	16 022	167
15 to 24 years	88	5	—	10	13	31	29	—	—	—	17 353	16 935	—
25 to 34 years	385	27	50	29	42	145	66	26	—	—	16 636	15 729	25
35 to 44 years	249	13	13	24	8	64	47	63	8	9	20 160	21 269	13
45 to 64 years	665	57	101	58	75	109	92	128	32	13	17 554	18 706	41
65 years and over	762	176	265	88	56	36	36	65	40	—	8 404	12 007	88
Female householder, no husband present	4 873	1 399	1 428	469	275	653	319	248	72	10	8 547	11 044	841
15 to 24 years	67	13	33	3	18	—	—	—	—	—	7 050	8 141	13
25 to 34 years	288	30	72	41	19	68	20	27	11	—	12 632	14 217	43
35 to 44 years	362	44	66	77	54	69	18	29	5	—	12 305	13 386	82
45 to 64 years	1 680	255	445	186	119	340	190	115	30	—	11 882	13 381	188
65 years and over	2 476	1 057	812	162	65	176	91	77	26	10	5 992	8 824	515
Median age	56.6	71.0	68.1	59.9	55.0	51.2	49.0	49.4	52.6	54.6	...	...	64.2
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980	1 277	75	156	115	136	304	186	240	55	10	17 386	18 586	93
1975 to 1978	2 804	182	339	256	198	634	535	505	128	27	18 118	18 928	226
1970 to 1974	2 521	160	288	159	170	552	512	508	140	32	19 373	19 981	191
1960 to 1969	3 788	333	521	248	232	592	593	821	317	131	19 728	21 290	295
1959 or earlier	7 736	1 202	1 862	803	465	1 162	703	932	458	149	12 505	16 276	587
SELECTED CHARACTERISTICS													
Complete plumbing for exclusive use	18 008	1 947	3 141	1 576	1 195	3 196	2 521	2 997	1 092	343	16 755	18 412	1 387
1.01 or more persons per room	187	9	13	25	8	61	21	19	25	6	17 917	22 358	36
Lacking complete plumbing for exclusive use	118	5	25	5	6	48	8	9	6	6	16 552	18 349	5
1.01 or more persons per room	5	—	—	—	—	5	—	—	—	—	16 250	17 215	—
Heating equipment	18 104	1 938	3 158	1 581	1 201	3 244	2 529	3 006	1 098	349	16 768	18 429	1 378
Central heating system	17 335	2 980	1 536	1 123	3 081	2 446	2 926	1 069	349	16 914	18 589	1 298	
Air conditioning	8 804	538	1 089	705	542	1 596	1 446	1 901	741	246	19 790	21 385	391
Central system	915	44	72	54	48	126	146	207	152	66	23 972	28 278	31
Vehicles available	14 553	643	1 826	1 313	1 072	2 967	2 395	2 913	1 081	343	19 062	20 829	649
1	8 385	549	1 589	1 071	750	1 976	1 111	1 033	549	49	15 549	16 413	461
2 or more	6 168	94	237	242	322	991	1 284	1 880	824	294	24 643	26 832	188
House heating fuel	18 104	1 938	3 158	1 581	1 201	3 244	2 529	3 006	1 098	349	16 768	18 429	1 378
Utility gas	5 811	630	943	519	346	978	870	994	424	107	17 356	18 769	451
Bottled, tank, or LP gas	37	9	15	—	—	6	—	7	—	—	6 583	13 897	9
Electricity	348	15	25	14	14	79	66	82	21	32	21 731	27 799	21
Fuel oil, kerosene, etc.	11 302	1 224	2 044	996	784	2 051	1 539	1 855	607	202	16 493	18 079	853
Other	606	60	131	52	57	130	54	75	39	8	15 081	16 578	44
Median rooms	6.5	5.9	6.1	6.3	6.5	6.5	6.9	6.9	7.1	7.5	...	...	6.0
Specified owner-occupied housing units	15 693	1 616	2 690	1 335	1 100	2 814	2 202	2 652	982	302	16 950	18 530	1 127
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS													
With a mortgage	6 213	280	594	439	469	1 374	1 184	1 401	393	79	19 811	20 480	417
Less than \$200	982	109	142	79	38	233	174	162	34	11	17 204	17 605	111
\$200 to \$249	1 683	67	169	159	141	382	279	335	141	—	18 970	19 839	124
\$250 to \$299	1 450	51	152	111	153	297	272	378	36	—	19 174	19 157	95
\$300 to \$349	855	26	50	45	51	197	231	201	32	22	21 306	21 642	39
\$350 to \$399	564	4	34	25	54	165	132	111	13	26	20 000	22 253	11
\$400 to \$499	401	10	41	5	26	53	63	140	49	14	24 708	24 971	21
\$500 to \$599	196	13	6	5	6	42	19	52	47	6	26 346	25 341	16
\$600 to \$749	41	—	—	—	—	5	—	12	24	—	35 957	34 239	—
\$750 or more	41	—	—	—	—	—	14	10	17	—	29 125	32 978	—
Median	\$265	\$223	\$246	\$242	\$268	\$262	\$276	\$277	\$280	\$363	...	...	\$239
Not mortgaged	9 480	1 336	2 096	896	631	1 440	1 018	1 251	589	223	14 132	17 252	710
Less than \$50	35	12	23	—	—	—	—	—	—	—	5 764	5 462	5
\$50 to \$74	246	71	88	27	6	17	21	—	16	—	8 043	10 941	67
\$75 to \$99	1 198	294	379	108	79	146	90	58	12	32	9 131	12 423	132
\$100 to \$124	2 166	382	480	248	144	298	219	257	89	49	12 228	15 535	188
\$125 to \$149	2 431	301	555	219	197	382	294	377	101	5	14 283	16 095	141
\$150 to \$199	2 542	212	442	276	135	433	310	426	236	72	17 500	19 837	114
\$200 to \$249	567	40	112	18	60	104	57	87	77	12	17 027	20 352	45
\$250 or more	295	24	17	—	10	60	27	46	58	53	26 484	37 422	18
Median	\$136	\$119	\$129	\$132	\$136	\$142	\$140	\$146	\$166	\$168	...	...	\$120
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
With a mortgage	6 213	280	594	439	469	1 374	1 184	1 401	393	79	19 811	20 480	417
Less than 15 percent	2 300	—	—	—	14	336	544	1 044	283	79	26 612	28 057	—
15 to 19 percent	1 448	—	26	53	111	460	457	272	69	—	20 749	21 318	5
20 to 24 percent	812	—	32	106	137	320	121	55	41	—	16 780	18 060	14
25 to 29 percent	521	—	38	149	121	158	35	20	—	—	14 019	14 595	10
30 to 34 percent	331	9	142	82	32	53	13	—	—	—	10 442	11 134	25
35 percent or more	766	236	356	49	54	47	14	10	—	—	6 725	7 691	328
Not computed	35	35	—	—	—	—	—	—	—	—	2500—	—	35
Median	17.7	50+	38.5	27.0	24.0	18.8	15.5	12.6	10—	10—	...	...

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

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

Reading city	Household income in 1979											Income in 1979 below poverty level	
	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)		Mean (dollars)
Renter-occupied housing units	13 776	4 613	3 777	1 523	1 043	1 447	718	468	153	34	7 730	9 769	4 248
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families	3 470	385	782	483	403	664	391	255	89	18	13 027	14 299	480
15 to 24 years	524	66	135	98	74	135	13	3	—	—	11 556	11 468	95
25 to 34 years	990	71	165	147	94	274	170	61	8	—	15 283	14 881	104
35 to 44 years	581	35	63	84	124	83	92	59	31	10	14 688	17 845	94
45 to 64 years	708	92	136	75	51	136	69	101	40	8	15 000	16 393	117
65 years and over	667	121	283	79	60	36	47	31	10	—	7 232	10 346	70
Male householder, no wife present	3 280	861	920	427	242	472	184	146	23	5	9 180	10 598	745
15 to 24 years	666	159	198	142	54	76	26	11	—	—	9 221	9 325	185
25 to 34 years	771	101	168	108	75	198	70	46	—	5	12 783	13 387	86
35 to 44 years	381	52	132	52	58	35	26	26	—	—	10 313	11 739	81
45 to 64 years	812	196	251	73	26	131	56	56	23	—	9 042	11 757	194
65 years and over	650	353	171	52	29	32	6	7	—	—	4 777	6 479	199
Female householder, no husband present	7 026	3 367	2 075	613	398	311	143	67	41	11	5 316	7 144	3 023
15 to 24 years	1 005	477	298	70	46	78	29	7	—	—	5 585	7 096	507
25 to 34 years	1 277	399	468	176	123	62	32	17	—	—	7 101	8 003	590
35 to 44 years	782	263	291	82	53	57	21	8	7	—	7 336	8 455	353
45 to 64 years	1 472	542	488	186	88	88	34	11	31	4	6 873	8 360	561
65 years and over	2 490	1 686	530	99	88	26	27	24	3	7	4 251	5 593	1 012
Median age	44.4	62.8	44.4	35.8	36.8	32.6	36.4	44.4	48.6	47.5	...	...	45.9
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980	4 839	1 409	1 425	617	398	579	226	168	8	9	8 376	9 694	1 580
1975 to 1978	4 485	1 336	1 269	495	380	467	307	159	62	10	8 421	10 387	1 304
1970 to 1974	2 251	979	512	235	137	177	82	85	37	7	6 276	9 108	774
1960 to 1969	1 399	633	297	122	69	134	58	37	41	8	6 163	9 440	439
1959 or earlier	802	256	274	54	59	90	45	19	5	—	6 718	9 191	151
PLUMBING FACILITIES BY PERSONS PER ROOM													
Complete plumbing for exclusive use	13 325	4 401	3 669	1 479	1 002	1 412	707	468	153	34	7 801	9 852	4 065
0.50 or less	8 246	2 926	2 250	931	565	891	379	205	88	11	7 457	9 320	2 103
0.51 to 1.00	4 532	1 306	1 231	501	361	501	299	249	61	23	8 637	10 922	1 609
1.01 to 1.50	352	110	116	30	58	12	22	—	4	—	7 463	8 902	224
1.51 or more	195	59	72	17	18	8	7	14	—	—	6 925	9 160	129
Lacking complete plumbing for exclusive use	451	212	108	44	41	35	11	—	—	—	5 625	7 315	183
0.50 or less	146	70	44	—	27	5	—	—	—	—	5 288	6 804	51
0.51 to 1.00	271	138	64	36	9	13	11	—	—	—	4 943	6 737	128
1.01 to 1.50	17	—	—	—	5	12	—	—	—	—	18 229	18 025	—
1.51 or more	17	4	—	8	—	5	—	—	—	—	11 406	10 204	4
SELECTED CHARACTERISTICS													
Heating equipment	13 768	4 613	3 769	1 523	1 043	1 447	718	468	153	34	7 725	9 770	4 240
Central heating system	12 534	4 087	3 440	1 415	924	1 373	663	449	153	30	7 932	9 946	3 654
Air conditioning	4 429	1 013	1 223	527	326	571	366	282	101	20	9 909	12 093	722
Central system	669	172	143	82	43	55	74	49	39	12	10 595	14 057	90
Vehicles available	6 983	981	1 657	1 122	833	1 208	613	400	143	26	11 902	13 259	1 088
1	5 512	918	1 449	975	667	847	426	183	35	12	10 997	11 781	922
2 or more	1 471	63	208	147	166	361	187	217	108	14	17 382	18 795	166
House heating fuel	13 768	4 613	3 769	1 523	1 043	1 447	718	468	153	34	7 725	9 770	4 240
Utility gas	3 535	1 048	947	358	294	408	267	124	59	30	8 713	10 972	884
Battled, tank, or LP gas	138	8	46	13	19	23	14	8	7	—	12 763	14 573	8
Electricity	823	385	223	85	33	70	14	13	—	—	5 557	7 431	260
Fuel oil, kerosene, etc.	9 021	3 115	2 496	1 025	669	905	406	314	87	4	7 409	9 397	3 029
Other	251	57	57	42	28	41	17	9	—	—	10 685	11 250	59
Median rooms	3.7	3.2	3.6	3.9	4.1	4.1	4.6	4.6	4.9	4.6	...	...	3.6
Specified renter-occupied housing units	13 594	4 516	3 768	1 503	1 028	1 447	700	459	139	34	7 747	9 755	4 152
CONTRACT RENT													
Less than \$100	2 706	1 859	541	109	51	53	31	46	16	—	4 167	5 537	1 509
\$100 to \$149	3 888	1 314	1 323	408	280	303	144	77	29	10	7 111	8 699	1 255
\$150 to \$199	4 236	948	1 391	563	360	610	200	151	13	—	9 133	10 364	1 032
\$200 to \$249	1 453	248	265	258	168	272	179	59	—	4	12 069	12 676	262
\$250 to \$299	650	38	133	99	120	121	56	64	11	8	13 646	15 284	46
\$300 to \$349	182	17	10	16	14	13	55	18	34	5	21 641	22 037	3
\$350 to \$399	17	—	—	—	5	3	—	6	3	—	27 708	24 899	—
\$400 to \$499	51	—	—	4	8	7	14	11	—	7	21 625	29 006	—
\$500 or more	9	—	—	—	—	4	5	—	—	—	22 750	21 843	—
No cash rent	402	92	105	46	22	61	16	27	33	—	10 217	13 532	45
Median	\$150	\$114	\$149	\$167	\$172	\$171	\$186	\$181	\$159	\$284	...	...	\$123
GROSS RENT													
Less than \$100	2 106	1 665	324	55	31	12	—	19	—	—	3 868	4 341	1 331
\$100 to \$149	2 462	904	942	247	113	126	57	53	16	4	6 560	7 846	766
\$150 to \$199	3 594	1 025	1 252	425	312	375	136	38	31	—	7 980	9 142	927
\$200 to \$249	2 598	541	622	385	298	411	198	126	7	10	10 883	11 779	618
\$250 to \$299	1 399	134	342	225	132	293	146	111	8	8	12 483	13 879	243
\$300 to \$349	619	85	119	69	64	124	87	31	35	5	13 926	15 149	123
\$350 to \$399	252	39	43	47	34	19	25	36	9	—	12 340	14 424	45
\$400 to \$499	141	31	19	4	14	22	26	18	—	7	15 417	17 242	54
\$500 or more	21	—	—	—	8	4	9	—	—	—	19 063	18 840	—
No cash rent	402	92	105	46	22	61	16	27	33	—	10 217	13 532	45
Median	\$179	\$134	\$173	\$200	\$208	\$219	\$235	\$240	\$246	\$284	...	...	\$148
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
Less than 15 percent	2 200	46	190	203	206	595	442	378	106	34	18 892	20 089	74
15 to 19 percent	2 038	150	434	311	413	511	176	43	—	—	13 251	13 038	253
20 to 24 percent	2 240	624	658	469	222	209	47	11	—	—	8 995	9 046	503
25 to 29 percent	1 571	442	743	230	96	45	15	—	—	—	7 174	7 622	356
30 to 34 percent	880	195	475	137	47	22	4	—	—	—	7 490	7 585	203
35 to 49 percent	1 857	875	861	103	14	4	—	—	—	—	5 213	5 514	720
50 percent or more	2 241	1 927	302	4	8	—	—	—	—	—	3 388	3 238	1 833
Not computed	567	257	105	46	22	61	16	27	33	—	5 839	9 594	210
Median	25.1	46.8	28.7	22.3	18.6	16.0	13.3	11.0	10—	10—	...	...	47.2

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 8.]

Reading 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 -----	6 213	982	1 683	1 450	855	564	401	196	41	41	265
PERSONS IN UNIT											
1 person -----	620	153	141	169	89	38	16	14	—	—	255
2 persons -----	1 389	254	332	326	154	175	85	58	5	—	267
3 persons -----	1 413	186	420	306	224	126	72	50	5	24	266
4 persons -----	1 518	226	467	362	195	121	84	28	18	17	259
5 persons -----	717	99	209	162	93	36	79	34	5	—	266
6 persons -----	343	57	78	68	52	30	46	12	—	—	277
7 persons -----	145	5	17	31	42	23	19	—	8	—	323
8 or more persons -----	68	2	19	26	6	15	—	—	—	—	275
Median -----	3.28	2.95	3.38	3.25	3.32	3.05	3.83	3.02	4.08	3.35	...
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER											
Married-couple families -----	4 575	634	1 321	1 016	661	419	307	135	41	41	266
15 to 24 years -----	286	31	88	62	64	19	22	—	—	—	269
25 to 34 years -----	1 623	162	467	401	249	187	101	44	—	12	273
35 to 44 years -----	1 180	176	354	270	174	68	79	22	31	6	261
45 to 64 years -----	1 336	219	378	262	161	119	105	59	10	23	264
65 years and over -----	150	46	34	21	13	26	41	10	—	—	243
Male householder, no wife present -----	667	126	126	200	87	63	41	24	—	—	270
15 to 24 years -----	30	7	6	6	—	—	—	11	—	—	267
25 to 34 years -----	224	25	25	76	34	35	24	5	—	—	291
35 to 44 years -----	151	18	25	63	13	15	9	8	—	—	276
45 to 64 years -----	224	45	70	55	33	13	8	—	—	—	248
65 years and over -----	38	31	—	7	—	—	—	—	—	—	167
Female householder, no husband present -----	971	222	236	234	107	82	53	37	—	—	256
15 to 24 years -----	33	—	—	29	4	—	—	—	—	—	278
25 to 34 years -----	223	41	42	44	28	44	19	5	—	—	282
35 to 44 years -----	215	39	47	60	32	6	10	21	—	—	268
45 to 64 years -----	394	88	127	89	32	28	24	6	—	—	243
65 years and over -----	106	54	20	12	11	4	—	5	—	—	198
Median age -----	38.8	44.6	39.4	37.0	36.8	34.9	40.1	38.4	41.9	50.7	...
YEAR HOUSEHOLDER MOVED INTO UNIT											
1979 to March 1980 -----	913	57	170	200	146	154	113	61	—	12	310
1975 to 1978 -----	1 889	173	415	530	343	201	119	85	17	6	284
1970 to 1974 -----	1 493	228	505	357	154	102	97	12	19	19	252
1960 to 1969 -----	1 350	341	462	232	160	67	51	32	5	—	236
1959 or earlier -----	568	183	131	131	52	40	21	6	—	4	239
ROOMS											
1 to 3 rooms -----	28	—	12	11	5	—	—	—	—	—	259
4 rooms -----	107	25	41	16	10	6	6	3	—	—	235
5 rooms -----	717	208	170	177	71	53	19	19	—	—	244
6 rooms -----	1 567	264	479	355	220	142	69	28	5	5	256
7 rooms -----	1 541	289	414	339	153	130	141	46	24	5	260
8 or more rooms -----	2 253	196	567	552	396	233	166	100	12	31	283
Median -----	6.9	6.5	6.8	7.0	7.3	7.1	7.3	7.5	7.1	8.3	...
YEAR STRUCTURE BUILT											
1975 to March 1980 -----	119	—	9	—	22	24	36	23	5	—	425
1970 to 1974 -----	86	—	—	15	32	26	13	—	—	—	344
1960 to 1969 -----	122	4	—	44	22	25	8	8	—	11	330
1950 to 1959 -----	184	17	57	38	16	12	14	14	5	11	274
1940 to 1949 -----	617	70	133	163	121	63	46	21	—	—	282
1939 or earlier -----	5 085	891	1 484	1 190	642	414	284	130	31	19	257
VALUE											
Less than \$10,000 -----	296	93	100	34	45	17	7	—	—	—	227
\$10,000 to \$19,999 -----	2 142	535	713	500	204	93	80	17	—	—	238
\$20,000 to \$29,999 -----	2 219	301	634	648	336	149	123	28	—	—	263
\$30,000 to \$39,999 -----	807	53	148	139	177	160	60	70	—	—	318
\$40,000 to \$49,999 -----	322	—	70	67	31	64	71	14	—	5	339
\$50,000 to \$59,999 -----	190	—	12	41	39	45	26	27	—	—	353
\$60,000 to \$79,999 -----	105	—	6	10	12	23	16	22	12	4	407
\$80,000 to \$99,999 -----	96	—	—	11	5	13	18	18	18	13	506
\$100,000 to \$149,999 -----	36	—	—	—	6	—	—	—	11	19	750+
\$150,000 or more -----	—	—	—	—	—	—	—	—	—	—	—
Median -----	\$22 000	\$17 700	\$20 300	\$21 700	\$23 800	\$31 200	\$27 600	\$38 300	\$86 500	\$88 800	...
SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979											
Less than 15 percent -----	2 300	610	856	525	183	69	51	6	—	—	232
15 to 19 percent -----	1 448	121	361	340	295	143	123	59	6	—	286
20 to 24 percent -----	812	58	131	211	168	114	63	32	18	17	302
25 to 29 percent -----	521	17	120	120	73	123	42	14	12	—	302
30 to 34 percent -----	331	57	75	70	46	30	40	13	—	—	274
35 percent or more -----	766	95	134	184	90	85	82	67	5	24	292
Not computed -----	35	24	—	—	—	—	—	5	—	—	146
Median -----	17.7	12.8	14.8	17.9	19.1	23.1	22.1	24.8	24.0	36.7	...
SELECTED CHARACTERISTICS											
Heating equipment -----	6 213	982	1 683	1 450	855	564	401	196	41	41	265
Steam or hot water system -----	2 930	414	710	702	399	332	214	94	31	34	274
Central warm-air furnace or electric heat pump -----	2 829	501	849	665	374	191	168	64	10	7	255
Other built-in electric units -----	130	3	11	31	28	26	11	20	—	—	336
Floor, wall, or pipeless furnace -----	23	5	7	4	7	—	—	—	—	—	246
Other means -----	301	59	106	48	47	15	8	18	—	—	243
Air conditioning -----	3 092	449	784	691	425	335	219	107	41	41	273
Central system -----	323	4	50	42	55	76	45	34	10	7	357
1 or more individual room units -----	2 769	445	734	649	370	259	174	73	31	34	266
House heating fuel -----	6 213	982	1 683	1 450	855	564	401	196	41	41	265
Utility gas -----	2 102	466	548	396	244	217	132	56	18	25	255
Bottled, tank, or LP gas -----	—	—	—	—	—	—	—	—	—	—	—
Electricity -----	178	9	16	31	34	37	20	26	5	—	349
Fuel oil, kerosene, etc. -----	3 806	475	1 075	994	559	306	249	114	18	16	268
Other -----	127	32	44	29	18	4	—	—	—	—	236

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]

Reading 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 -----	9 480	35	246	1 198	2 166	2 431	2 542	567	295	136
PERSONS IN UNIT										
1 person -----	2 525	30	109	558	756	536	381	84	71	119
2 persons -----	4 037	5	105	490	903	1 179	1 106	157	92	136
3 persons -----	1 485	—	17	98	304	373	545	127	21	147
4 persons -----	830	—	10	24	130	233	260	118	55	153
5 persons -----	344	—	—	22	44	48	161	37	32	168
6 persons -----	124	—	—	6	17	29	52	13	7	160
7 persons -----	96	—	5	—	12	26	20	26	7	163
8 or more persons -----	39	—	—	—	—	7	17	5	10	187
Median -----	2.05	1.08	1.63	1.58	1.86	2.08	2.30	2.83	2.33	...
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER										
Married-couple families -----	5 238	—	105	472	1 064	1 434	1 609	370	184	142
15 to 24 years -----	11	—	—	—	—	11	—	—	—	175
25 to 34 years -----	181	—	5	6	58	43	44	15	10	138
35 to 44 years -----	418	—	—	33	102	99	130	42	12	144
45 to 64 years -----	2 715	—	41	189	528	743	927	171	116	145
65 years and over -----	1 913	—	59	244	376	549	497	142	46	138
Male householder, no wife present -----	1 107	5	23	220	343	202	44	35	122	106
15 to 24 years -----	16	—	—	7	4	—	5	—	—	119
25 to 34 years -----	58	—	—	—	39	13	6	—	—	148
35 to 44 years -----	53	—	—	15	6	13	8	5	—	116
45 to 64 years -----	332	5	—	83	123	53	53	15	—	127
65 years and over -----	648	—	23	115	171	163	130	16	30	130
Female householder, no husband present -----	3 135	30	118	506	759	762	731	153	76	113
15 to 24 years -----	3	—	—	—	3	—	—	—	—	128
25 to 34 years -----	35	5	—	—	11	13	—	6	—	156
35 to 44 years -----	106	—	—	13	—	31	35	6	16	134
45 to 64 years -----	1 018	12	5	115	263	270	250	58	27	126
65 years and over -----	1 973	13	90	378	482	448	446	83	33	...
Median age -----	64.3	63.1	68.9	67.8	64.1	64.2	62.6	63.2	57.9	...
YEAR HOUSEHOLDER MOVED INTO UNIT										
1979 to March 1980 -----	124	—	10	—	24	19	46	13	12	160
1975 to 1978 -----	510	10	7	52	118	93	171	50	9	143
1970 to 1974 -----	691	6	19	72	113	209	171	73	28	141
1960 to 1969 -----	1 954	—	51	107	487	508	539	160	102	141
1959 or earlier -----	6 201	19	159	967	1 424	1 602	1 615	271	144	133
ROOMS										
1 to 3 rooms -----	105	6	—	45	—	22	26	6	—	127
4 rooms -----	474	12	52	96	139	100	64	6	5	114
5 rooms -----	1 354	6	61	302	388	288	250	45	14	120
6 rooms -----	3 052	11	58	453	744	840	781	135	30	133
7 rooms -----	1 815	—	25	154	417	523	517	118	61	140
8 or more rooms -----	2 680	—	50	148	478	658	904	257	185	150
Median -----	6.4	4.5	5.7	5.8	6.2	6.5	6.8	7.3	8.0	...
YEAR STRUCTURE BUILT										
1975 to March 1980 -----	13	—	—	—	—	—	4	9	—	214
1970 to 1974 -----	26	—	—	—	—	—	19	7	—	184
1960 to 1969 -----	166	—	—	—	24	12	50	37	43	197
1950 to 1959 -----	499	6	13	19	51	111	155	74	70	166
1940 to 1949 -----	441	7	6	49	81	85	167	24	22	148
1939 or earlier -----	8 335	22	227	1 130	2 010	2 223	2 147	416	160	134
VALUE										
Less than \$10,000 -----	1 024	11	74	223	245	251	195	18	7	121
\$10,000 to \$19,999 -----	3 895	17	118	650	1 114	1 002	811	145	38	126
\$20,000 to \$29,999 -----	2 664	—	48	242	600	782	818	145	29	139
\$30,000 to \$39,999 -----	979	7	—	66	132	277	412	63	22	151
\$40,000 to \$49,999 -----	371	—	6	11	59	90	145	32	28	157
\$50,000 to \$59,999 -----	173	—	—	6	11	24	59	49	24	189
\$60,000 to \$79,999 -----	240	—	—	—	5	5	79	90	61	217
\$80,000 to \$99,999 -----	73	—	—	—	—	—	23	25	25	227
\$100,000 to \$149,999 -----	50	—	—	—	—	—	—	—	50	250+
\$150,000 or more -----	11	—	—	—	—	—	—	—	11	250+
Median -----	\$19 600	\$13 000	\$13 700	\$14 600	\$17 400	\$19 600	\$22 500	\$27 200	\$59 500	...
SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979										
Less than 10 percent -----	3 649	24	117	462	952	980	881	137	96	132
10 to 14 percent -----	2 152	6	48	308	438	503	651	123	75	139
15 to 19 percent -----	1 058	—	32	103	186	297	297	109	34	143
20 to 24 percent -----	724	—	15	91	164	197	168	51	38	137
25 to 29 percent -----	510	—	21	103	115	129	111	24	7	128
30 to 34 percent -----	374	—	13	36	93	87	102	39	4	138
35 percent or more -----	1 001	—	—	95	218	238	332	77	41	145
Not computed -----	12	5	—	—	—	—	—	7	—	207
Median -----	12.5	10.0	10.6	12.2	11.5	12.3	13.0	15.9	13.4	...
SELECTED CHARACTERISTICS										
Heating equipment -----	9 458	35	232	1 190	2 166	2 431	2 542	567	295	136
Steam or hot water system -----	4 775	5	114	530	1 071	1 194	1 397	313	151	139
Central warm-air furnace or electric heat pump -----	4 116	19	94	569	1 004	1 106	1 024	190	110	133
Other built-in electric units -----	117	—	7	19	12	29	34	5	11	143
Floor, wall, or pipeless furnace -----	97	5	7	5	28	23	23	6	—	129
Other means -----	353	6	10	67	51	79	64	53	23	138
Air conditioning -----	4 362	6	36	376	889	1 162	1 347	332	214	144
Central system -----	434	—	—	16	33	81	148	61	95	179
1 or more individual room units -----	3 928	6	36	360	856	1 081	1 199	271	119	141
House heating fuel -----	9 458	35	232	1 190	2 166	2 431	2 542	567	295	136
Utility gas -----	3 047	18	106	506	814	806	591	118	88	127
Battled, tank, or LP gas -----	35	—	—	—	6	—	22	—	7	176
Electricity -----	150	—	7	27	17	29	40	14	16	146
Fuel oil, kerosene, etc. -----	5 795	11	78	545	1 216	1 532	1 805	424	184	142
Other -----	431	6	41	112	113	64	84	11	—	113

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

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

Reading city	Owner-occupied housing units						Renter-occupied housing units					
	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier
Occupied housing units	18 126	155	178	324	1 941	15 528	13 776	479	900	1 194	2 575	8 628
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER												
Married-couple families	11 104	120	104	266	1 357	9 257	3 470	97	202	257	657	2 257
15 to 24 years	336	—	—	—	69	267	524	4	18	37	154	311
25 to 34 years	1 977	63	34	5	369	1 506	990	7	43	41	202	697
35 to 44 years	1 700	9	9	37	169	1 476	581	—	11	30	102	438
45 to 64 years	4 615	17	48	178	493	3 879	708	15	63	59	127	444
65 years and over	2 476	31	13	46	257	2 129	667	71	67	90	72	367
Male householder, no wife present	2 149	20	23	14	240	1 852	3 280	58	117	202	596	2 307
15 to 24 years	88	11	—	—	19	58	666	7	8	23	118	510
25 to 34 years	385	7	10	13	67	288	771	5	25	30	224	487
35 to 44 years	249	2	—	—	29	218	381	—	24	14	73	270
45 to 64 years	665	—	13	1	53	598	812	13	22	61	115	601
65 years and over	762	—	—	—	72	690	650	33	38	74	66	439
Female householder, no husband present	4 873	15	51	44	344	4 419	7 026	324	581	735	1 322	4 064
15 to 24 years	67	—	—	3	4	60	1 005	11	12	48	258	676
25 to 34 years	288	5	—	—	27	256	1 277	7	55	119	376	720
35 to 44 years	362	2	6	—	42	312	782	22	31	32	193	504
45 to 64 years	1 680	4	32	33	150	1 461	1 472	57	78	107	256	974
65 years and over	2 476	4	13	8	121	2 330	2 490	227	405	429	239	1 190
Median age	56.6	33.4	51.0	55.3	51.1	57.5	44.4	71.5	70.2	64.6	34.4	42.2
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980	1 277	48	11	14	205	999	4 839	142	154	311	1 098	3 134
1975 to 1978	2 804	107	87	46	405	2 159	4 485	337	336	415	812	2 585
1970 to 1974	2 521	—	80	37	396	2 008	2 251	—	410	199	398	1 244
1960 to 1969	3 788	—	—	227	360	3 201	1 399	—	—	269	189	941
1959 or earlier	7 736	—	—	—	575	7 161	802	—	—	—	78	724
ROOMS												
1 room	17	—	—	—	—	17	934	67	111	111	95	550
2 rooms	25	—	—	—	—	25	1 442	124	233	163	197	725
3 rooms	376	—	7	3	41	325	3 860	201	267	394	667	2 331
4 rooms	1 105	14	24	16	203	848	3 506	77	203	295	747	2 184
5 rooms	2 589	55	24	66	241	2 203	2 012	—	52	172	444	1 344
6 rooms	5 016	45	88	98	588	4 197	1 074	3	34	45	256	736
7 or more rooms	8 998	41	35	141	868	7 913	948	7	—	14	169	758
Median	6.5	5.7	5.9	6.3	6.3	6.5	3.7	2.7	2.9	3.3	3.9	3.8
PLUMBING FACILITIES BY PERSONS PER ROOM												
Complete plumbing for exclusive use	18 008	153	178	321	1 936	15 420	13 325	479	889	1 173	2 530	8 254
0.50 or less	13 873	94	150	254	1 438	11 937	8 246	281	564	828	1 376	5 197
0.51 to 1.00	3 948	59	28	61	498	3 302	4 532	184	318	296	993	2 741
1.01 to 1.50	155	—	—	6	—	14	352	5	—	40	93	214
1.51 or more	32	—	—	—	—	32	195	9	7	9	68	102
Lacking complete plumbing for exclusive use	118	2	—	3	5	108	451	—	11	21	45	374
0.50 or less	78	2	—	3	—	73	146	—	11	21	11	103
0.51 to 1.00	35	—	—	—	5	30	271	—	—	—	34	237
1.01 to 1.50	5	—	—	—	—	5	17	—	—	—	17	—
1.51 or more	—	—	—	—	—	—	17	—	—	—	—	17
PERSONS IN UNIT												
1 person	3 899	15	30	28	303	3 523	6 651	329	561	733	988	4 040
2 persons	6 330	54	78	172	716	5 310	3 370	110	218	262	615	2 165
3 persons	3 302	33	42	30	368	2 829	1 678	26	80	128	377	1 067
4 persons	2 520	19	20	74	356	2 051	1 006	—	28	34	276	668
5 persons	1 158	34	8	9	117	990	616	—	13	10	187	406
6 or more persons	917	—	—	11	81	825	455	14	—	27	132	282
Median	2.32	2.76	2.26	2.28	2.43	2.30	1.57	1.23	1.30	1.31	1.99	1.53
Total persons	49 558	477	429	934	5 652	42 066	27 546	746	1 413	2 004	6 076	17 307
UNITS IN STRUCTURE												
1, detached or attached	16 722	141	134	315	1 853	14 279	3 492	34	37	185	962	2 274
2	853	—	—	—	57	796	2 063	7	14	5	317	1 720
3 and 4	389	2	—	3	15	369	3 134	20	—	23	544	2 547
5 to 9	50	—	—	—	—	50	1 873	—	11	56	383	1 423
10 to 49	8	—	—	—	8	—	1 471	58	384	374	218	437
50 or more	78	12	44	6	—	16	1 728	360	454	541	151	222
Mobile home or trailer, etc.	26	—	—	—	8	18	15	—	—	10	—	5
SELECTED CHARACTERISTICS												
Heating equipment	18 104	155	178	324	1 941	15 506	13 768	479	900	1 194	2 575	8 620
Steam or hot water system	9 259	14	22	173	873	8 177	8 866	143	401	584	1 579	6 159
Central warm-air furnace or electric heat pump	7 687	104	142	90	918	6 433	3 048	207	383	303	528	1 627
Other built-in electric units	255	35	14	61	22	123	484	122	77	72	87	126
Floor, wall, or pipeless furnace	134	—	—	—	14	120	136	—	6	37	25	68
Other means	769	2	—	—	114	653	1 234	7	33	198	356	640
Air conditioning	8 804	109	150	239	1 081	7 225	4 429	346	625	606	661	2 191
Central system	915	109	130	113	235	328	669	184	208	152	66	59
1 or more individual room units	7 889	—	20	126	846	6 897	3 760	162	417	454	595	2 132
House heating fuel	18 104	155	178	324	1 941	15 506	13 768	479	900	1 194	2 575	8 620
Utility gas	5 811	49	138	92	795	4 737	3 535	142	358	517	676	1 842
Bottled, tank, or LP gas	37	2	—	—	15	13	138	—	5	27	32	74
Electricity	348	81	26	66	41	134	823	228	204	103	109	179
Fuel oil, kerosene, etc.	11 302	23	7	166	1 071	10 035	9 021	109	333	541	1 717	6 321
Other	606	—	—	—	19	587	251	—	—	6	41	204
Income in 1979 below poverty level	1 392	21	4	15	93	1 259	4 248	144	266	437	973	2 428
Percent below poverty level	7.7	13.5	2.2	4.6	4.8	8.1	30.8	30.1	29.6	36.6	37.8	28.1
HOUSEHOLD INCOME IN 1979												
Less than \$5,000	1 952	6	4	14	137	1 791	4 613	258	423	541	919	2 472
\$5,000 to \$9,999	3 166	21	13	47	273	2 812	3 777	126	245	223	603	2 580
\$10,000 to \$12,499	1 581	5	6	6	165	1 399	1 523	28	54	103	307	1 031
\$12,500 to \$14,999	1 201	5	12	5	70	1 109	1 043	7	39	86	218	693
\$15,000 to \$19,999	3 244	46	20	19	385	2 774	1 447	29	33	93	302	990
\$20,000 to \$24,999	2 529	30	40	60	338	2 061	718	21	37	81	108	471
\$25,000 to \$34,999	3 006	27	48	118	352	2 461	468	5	37	50	93	283
\$35,000 to \$49,999	1 098	15	27	17	170	869	153	—	32	13	7	101
\$50,000 or more	349	—	8	38	51	252	34	5	—	4	18	7
Median	\$16 752	\$17 201	\$24 516	\$25 372	\$19 241	\$16 167	\$7 730	\$4 790	\$5 515	\$6 037	\$7 516	\$8 423
Mean	\$18 412	\$20 361	\$25 980	\$31 501	\$21 045	\$17 704	\$9 769	\$7 281	\$8 856	\$9 389	\$9 739	\$10 064

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

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

Reading city	Owner-occupied housing units				Renter-occupied housing units							
	Total	1 unit, detached or attached	2 or more units	Mobile home or trailer, etc.	Total	1 unit, detached or attached	2 units	3 and 4 units	5 to 9 units	10 to 49 units	50 or more units	Mobile home or trailer, etc.
Occupied housing units	18 126	16 722	1 378	26	13 776	3 492	2 063	3 134	1 873	1 471	1 728	15
Condominium housing units	62	—	62	—	23	8	—	—	—	6	9	—
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER	11 104	10 458	632	14	3 470	1 268	654	629	315	363	241	—
Morried-couple families	—	—	—	—	—	—	—	—	—	—	—	—
15 to 24 years	336	304	32	—	524	137	122	143	62	54	6	—
25 to 34 years	1 977	1 907	70	—	990	395	151	262	73	80	29	—
35 to 44 years	1 700	1 655	42	3	581	332	111	46	64	22	6	—
45 to 64 years	4 615	4 382	227	6	4 382	266	142	98	59	86	57	—
65 years and over	2 476	2 210	261	5	667	138	128	80	57	121	143	—
Male householder, no wife present	2 149	1 868	281	—	3 280	554	388	906	678	342	402	10
15 to 24 years	88	52	36	—	666	73	108	219	133	99	34	—
25 to 34 years	385	292	93	—	771	189	81	216	162	79	44	—
35 to 44 years	249	214	35	—	381	48	55	112	61	23	77	5
45 to 64 years	665	588	77	—	812	168	74	213	166	88	98	5
65 years and over	762	722	40	—	650	76	70	146	156	53	149	—
Female householder, no husband present	4 873	4 396	465	12	7 026	1 670	1 021	1 599	880	766	1 085	5
15 to 24 years	67	40	27	—	1 005	244	112	382	185	75	7	—
25 to 34 years	288	258	30	—	1 277	463	213	256	151	132	62	—
35 to 44 years	362	335	23	4	782	341	101	160	89	80	11	—
45 to 64 years	1 680	1 507	173	—	1 472	350	293	338	190	215	86	—
65 years and over	2 476	2 256	212	8	2 490	272	302	463	265	264	919	5
Median age	56.6	56.3	59.6	67.5	44.4	38.1	44.1	37.5	42.2	50.4	72.9	52.5
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980	1 277	1 069	208	—	4 839	1 142	748	1 304	779	511	350	5
1975 to 1978	2 804	2 552	252	—	4 485	1 159	659	947	492	523	705	—
1970 to 1974	2 521	2 339	175	7	2 251	631	286	346	257	270	456	5
1960 to 1969	3 788	3 531	251	6	1 399	276	254	349	186	112	217	5
1959 or earlier	7 736	7 231	492	13	802	284	116	188	159	55	—	—
ROOMS												
1 room	17	12	5	—	934	29	12	75	200	165	453	—
2 rooms	25	14	11	—	1 442	73	52	469	268	77	503	—
3 rooms	376	132	244	—	3 860	300	670	1 199	697	478	511	5
4 rooms	1 105	627	478	—	3 506	542	766	998	469	532	189	10
5 rooms	2 589	2 233	343	13	2 012	859	392	343	185	172	61	—
6 rooms	5 016	4 897	119	—	1 074	803	137	46	38	39	11	—
7 or more rooms	8 998	8 807	178	13	948	886	34	4	16	8	—	—
Median	6.5	6.6	4.4	6.0	3.7	5.4	3.9	3.4	3.2	3.5	2.3	3.8
PLUMBING FACILITIES BY PERSONS PER ROOM												
Complete plumbing for exclusive use	18 008	16 661	1 321	26	13 325	3 488	2 007	3 080	1 725	1 369	1 646	10
0.50 or less	13 873	12 804	1 049	20	8 246	1 724	1 397	2 014	1 119	929	1 053	10
0.51 to 1.00	3 948	3 699	249	—	4 532	1 552	555	941	500	420	564	—
1.01 to 1.50	155	126	23	6	352	167	36	73	43	20	13	—
1.51 or more	32	32	—	—	195	45	19	52	63	—	16	—
Lacking complete plumbing for exclusive use	118	61	57	—	451	4	56	54	148	102	82	5
0.50 or less	78	50	28	—	146	4	32	33	40	6	26	5
0.51 to 1.00	35	6	29	—	271	—	12	16	95	92	56	—
1.01 to 1.50	5	5	—	—	17	—	12	5	—	—	—	—
1.51 or more	—	—	—	—	17	—	—	—	13	4	—	—
BEDROOMS												
None	—	—	—	—	—	—	—	—	—	—	—	—
1	973	387	586	—	6 394	461	1 060	2 067	1 164	665	972	5
2	3 447	2 920	514	13	3 862	1 084	753	890	385	558	182	10
3	7 707	7 538	165	4	1 557	1 218	179	49	54	46	11	—
4	3 302	3 235	64	3	428	363	35	9	6	15	—	—
5 or more	2 680	2 630	44	6	328	317	5	—	6	—	—	—
HOUSEHOLD INCOME IN 1979												
Less than \$5,000	1 952	1 737	207	8	4 613	1 091	529	986	558	439	1 000	10
\$5,000 to \$9,999	3 166	2 870	291	5	3 777	824	632	914	651	434	322	—
\$10,000 to \$12,499	1 581	1 405	172	4	1 523	331	269	428	227	181	87	—
\$12,500 to \$14,999	1 201	1 145	56	—	1 043	280	181	287	119	105	71	—
\$15,000 to \$19,999	3 244	2 973	268	3	1 447	464	267	286	224	113	88	5
\$20,000 to \$24,999	2 529	2 371	158	—	718	248	95	134	52	128	61	—
\$25,000 to \$34,999	3 006	2 839	167	—	468	180	73	86	34	44	51	—
\$35,000 to \$49,999	1 098	1 044	48	6	153	68	17	9	8	18	33	—
\$50,000 or more	349	338	11	—	34	6	—	4	—	9	15	—
Median	\$16 752	\$16 997	\$13 348	\$10 000	\$7 730	\$8 761	\$8 910	\$8 121	\$7 567	\$7 966	\$4 579	\$4 375
Mean	\$18 412	\$18 662	\$15 417	\$16 122	\$9 769	\$11 032	\$10 291	\$9 270	\$8 876	\$10 213	\$8 103	\$7 802
SELECTED CHARACTERISTICS												
Heating equipment	18 104	16 700	1 378	26	13 768	3 492	2 063	3 134	1 865	1 471	1 728	15
Steam or hot water system	9 259	8 236	1 012	11	8 866	1 796	1 425	2 457	1 453	975	755	5
Central warm-air furnace or electric heat pump	7 687	7 382	293	12	3 048	1 181	365	379	239	316	558	10
Other built-in electric units	255	255	—	—	484	100	41	53	34	80	176	—
Floor, wall, or pipeless furnace	134	120	14	—	136	31	6	22	18	43	16	—
Other means	769	707	59	3	1 234	384	226	223	121	57	223	—
Air conditioning	8 804	8 010	785	9	4 429	743	660	830	447	906	833	10
Central system	915	822	93	—	669	65	15	32	—	208	344	5
Vehicles available	14 553	13 524	1 011	18	6 983	1 859	1 155	1 733	833	895	498	10
1	8 385	7 696	680	9	5 512	1 294	900	1 461	705	709	443	—
2 or more	6 168	5 828	331	9	1 471	565	255	272	128	186	55	10
House heating fuel	18 104	16 700	1 378	26	13 768	3 492	2 063	3 134	1 865	1 471	1 728	15
Utility gas	5 811	5 483	312	16	3 535	946	391	656	358	757	427	—
Bottled, tank, or LP gas	37	35	2	—	138	11	29	33	14	21	30	—
Electricity	348	342	6	—	823	157	41	72	51	89	413	—
Fuel oil, kerosene, etc.	11 302	10 250	1 042	10	9 021	2 231	1 589	2 311	1 413	604	858	15
Other	606	590	16	—	251	147	13	62	29	—	—	—
Water heating fuel	18 099	16 697	1 376	26	13 745	3 492	2 063	3 134	1 861	1 464	1 721	10
Utility gas	10 232	9 506	709	17	6 316	1 693	963	1 466	860	808	521	5
Bottled, tank, or LP gas	241	241	—	—	359	105	75	104	54	9	12	—
Electricity	3 154	2 989	162	3	2 032	462	322	444	202	135	462	5
Fuel oil, kerosene, etc.	4 383	3 872	505	6	4 947	1 193	690	1 095	731	512	726	—
Other	89	89	—	—	91	39	13	25	14	—	—	—
Family householder	13 707	12 941	748	18	6 256	2 584	991	1 222	566	593	300	—
With own children under 18 years	5 248	5 077	158	13	3 806	1 969	517	665	338	271	46	—
With own children under 6 years	1 827	1 746	75	6	2 231	1 038	314	507	177	153	42	—
Female householder, no husband present	1 969	1 884	81									

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

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

Reading city	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 or more persons	Median	Total persons
Owner-occupied housing units	18 126	3 899	6 330	3 302	2 520	1 158	534	260	123	2.32	49 558
Nonrelatives present	850	-	446	143	143	72	26	20	-	2.45	2 550
ROOMS											
1 to 3 rooms	418	208	175	14	21	-	-	-	-	1.51	739
4 rooms	1 105	516	427	82	41	25	5	9	-	1.59	2 170
5 rooms	2 589	690	1 080	495	232	68	24	-	-	2.06	5 926
6 rooms	5 016	1 243	1 912	968	547	226	93	27	-	2.16	12 274
7 rooms	3 622	502	1 193	720	677	290	171	42	27	2.66	10 787
8 or more rooms	5 376	740	1 543	1 023	1 002	549	241	182	96	2.90	17 662
Median	6.5	5.9	6.3	6.6	7.1	7.4	7.3	7.9	8.1	...	...
PLUMBING FACILITIES BY PERSONS PER ROOM											
Complete plumbing for exclusive use	18 008	3 855	6 279	3 298	2 517	1 158	524	254	123	2.32	49 212
1.00 or less	17 821	3 855	6 267	3 298	2 496	1 133	500	218	54	2.31	48 000
1.01 to 1.50	155	-	-	-	21	25	24	27	58	6.78	953
1.51 or more	32	-	12	-	-	-	-	9	11	6.94	259
Lacking complete plumbing for exclusive use	118	44	51	4	3	-	10	6	-	1.79	346
1.00 or less	113	44	51	4	3	-	5	6	-	1.75	304
1.01 to 1.50	5	-	-	-	-	-	5	-	-	6.00	42
1.51 or more	-	-	-	-	-	-	-	-	-	-	-
UNITS IN STRUCTURE											
1, detached or attached	16 722	3 356	5 778	3 110	2 459	1 117	529	256	117	2.37	46 392
2 or more	1 378	535	547	188	61	38	5	4	-	1.78	3 079
Mobile home or trailer, etc.	26	8	5	4	-	3	-	-	6	2.50	87
VALUE											
Specified owner-occupied housing units	15 693	3 145	5 426	2 898	2 348	1 061	467	241	107	2.37	43 347
Less than \$10,000	1 320	530	452	122	108	33	37	26	12	1.79	2 683
\$10,000 to \$19,999	6 037	1 321	2 053	1 146	817	398	152	94	56	2.33	16 096
\$20,000 to \$29,999	4 883	771	1 565	945	867	408	210	78	39	2.61	14 874
\$30,000 to \$39,999	1 786	231	705	364	300	126	47	13	-	2.44	5 066
\$40,000 to \$49,999	693	112	247	176	87	58	-	13	-	2.45	1 907
\$50,000 to \$59,999	363	81	136	30	73	25	9	9	-	2.24	1 084
\$60,000 to \$79,999	345	66	170	32	61	4	12	-	-	2.13	907
\$80,000 to \$99,999	169	19	49	55	29	9	-	8	-	2.80	539
\$100,000 to \$149,999	86	14	38	28	6	-	-	-	-	2.26	179
\$150,000 or more	11	-	11	-	-	-	-	-	-	2.00	12
Median	\$20 600	\$17 300	\$20 900	\$21 000	\$21 900	\$21 800	\$21 300	\$20 000	\$14 900	...	...
SELECTED CHARACTERISTICS											
All income levels in 1979	18 126	3 899	6 330	3 302	2 520	1 158	534	260	123	2.32	49 558
Median income	\$16 752	\$6 600	\$15 825	\$20 965	\$22 159	\$22 987	\$23 971	\$23 906	\$19 345	...	...
Median selected monthly owner costs as percentage of household income	14.6	26.1	13.4	12.6	13.2	14.6	12.6	14.6	19.5	...	...
With a mortgage	17.7	29.8	17.9	17.4	15.9	17.0	16.0	19.5	19.1	...	...
Not mortgaged	12.5	25.3	12.1	10-	10-	10-	10-	20.5	...	...	...
Income in 1979 below poverty level	1 392	704	257	129	89	62	77	41	33	1.49	...
Median income	\$3 501	\$2 816	\$3 517	\$4 198	\$4 725	\$7 143	\$5 709	\$5 375	\$10 437	...	...
Median selected monthly owner costs as percentage of household income	50+	50+	47.6	50+	50+	39.8	50+	50+	27.8	...	...
With a mortgage	50+	50+	50+	50+	50+	42.6	50+	50+	29.2	...	...
Not mortgaged	49.4	50+	44.9	37.3	38.8	35.7	12.5	50+	25.4	...	...
Renter-occupied housing units	13 776	6 651	3 370	1 678	1 006	616	243	140	72	1.57	27 546
Nonrelatives present	1 369	-	720	331	180	91	26	21	-	2.45	3 785
ROOMS											
1 room	934	860	58	16	-	-	-	-	-	1.04	1 027
2 rooms	1 442	1 218	148	50	26	-	-	-	-	1.09	1 695
3 rooms	3 860	2 485	1 002	243	66	35	16	13	-	1.28	5 565
4 rooms	3 506	1 389	1 155	617	225	84	6	30	-	1.82	6 811
5 rooms	2 012	463	531	437	318	149	96	7	11	2.53	5 347
6 rooms	1 074	152	289	173	214	132	70	18	26	3.05	3 580
7 or more rooms	948	84	187	142	157	216	55	72	35	3.89	3 521
Median	3.7	3.0	3.9	4.4	5.1	5.8	5.5	6.5	6.5	...	...
PLUMBING FACILITIES BY PERSONS PER ROOM											
Complete plumbing for exclusive use	13 325	6 290	3 321	1 660	1 000	604	238	140	72	1.61	26 942
1.00 or less	12 778	6 290	3 275	1 599	908	497	125	72	12	1.53	24 429
1.01 to 1.50	352	-	-	50	66	72	97	25	42	5.33	1 769
1.51 or more	195	-	46	11	26	35	16	43	18	4.91	744
Lacking complete plumbing for exclusive use	451	361	49	18	6	12	5	-	-	1.12	604
1.00 or less	417	361	37	13	6	-	-	-	-	1.08	492
1.01 to 1.50	17	-	-	-	-	12	5	-	-	5.21	68
1.51 or more	17	-	12	5	-	-	-	-	-	2.21	44
UNITS IN STRUCTURE											
1, detached or attached	3 492	690	760	649	588	465	198	85	57	2.96	10 714
2	2 063	934	641	251	164	61	5	-	7	1.65	3 782
3 and 4	3 134	1 657	868	395	132	33	17	25	7	1.45	5 302
5 to 9	1 873	1 157	396	160	76	44	18	22	-	1.31	3 009
10 to 49	1 471	782	447	182	42	4	5	8	1	1.44	2 520
50 or more	1 728	1 421	253	41	4	-	-	-	-	1.11	2 199
Mobile home or trailer, etc.	15	10	5	-	-	-	-	-	-	1.25	20
GROSS RENT											
Specified renter-occupied housing units	13 594	6 614	3 362	1 637	962	591	220	140	68	1.55	26 909
Less than \$100	2 106	1 573	202	151	65	54	36	17	8	1.17	3 038
\$100 to \$149	2 462	1 676	487	155	84	30	26	2	2	1.23	4 013
\$150 to \$199	3 594	1 915	935	446	173	89	14	13	9	1.44	6 233
\$200 to \$249	2 598	758	873	418	174	154	47	19	5	2.12	5 935
\$250 to \$299	1 399	311	492	260	322	80	31	41	12	2.29	3 494
\$300 to \$349	619	153	166	95	54	84	27	28	12	2.44	1 859
\$350 to \$399	252	35	67	60	19	28	31	12	-	2.90	842
\$400 to \$499	141	28	11	24	4	46	8	-	20	4.58	544
\$500 or more	21	-	17	-	4	-	-	-	-	2.12	67
No cash rent	402	165	112	28	63	26	-	8	-	1.82	884
Median	\$179	\$149	\$200	\$206	\$216	\$227	\$240	\$275	\$290	...	...
SELECTED CHARACTERISTICS											
All income levels in 1979	13 776	6 651	3 370	1 678	1 006	616	243	140	72	1.57	27 546
Median income	\$7 730	\$5 719	\$10 937	\$9 771	\$10 755	\$9 500	\$10 687	\$9 083	\$7 500	...	...
Median gross rent as percentage of household income	25.1	26.7	22.2	24.3	24.8	28.2	23.5	34.1	28.6	...	...
Income in 1979 below poverty level	4 248	1 950	722	617	411	282	116	94	56	1.74	...
Median income	\$3 579	\$3 163	\$3 593	\$3 845	\$4 586	\$4 412	\$4 760	\$7 267	\$4 833	...	...
Median gross rent as percentage of household income	47.2	43.5	50+	50+	50+	48.2	40.0	44.6	42.0	...	...

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

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

Total	Married-couple families						Male householder, no wife present						Female householder, no husband present						Median age		
	15 to 24 years		25 to 34 years		35 to 44 years		45 to 64 years		65 years and over		15 to 24 years		25 to 34 years		35 to 44 years		45 to 64 years			65 years and over	
	15 to 24 years	25 to 34 years	15 to 24 years	25 to 34 years	15 to 24 years	25 to 34 years	15 to 24 years	25 to 34 years	15 to 24 years	25 to 34 years	15 to 24 years	25 to 34 years	15 to 24 years	25 to 34 years	15 to 24 years	25 to 34 years	15 to 24 years	25 to 34 years		15 to 24 years	25 to 34 years
18 126	336	1 977	1 700	4 615	2 476	88	385	249	665	762	57	288	362	1 680	2 476	56.6					
3 899	183	293	126	2 088	1 939	32	227	124	318	487	39	67	74	835	1 696	67.0					
6 330	113	523	288	3 369	3 369	43	101	49	236	179	24	80	22	429	538	62.5					
3 302	5	747	370	2 684	2 684	13	29	26	57	53	4	81	87	260	161	51.3					
2 520	158	370	313	2 684	2 684	10	10	5	24	28	—	71	93	47	40.8	40.8					
1 917	10	150	321	2 689	2 689	17	17	17	15	15	—	11	47	52	10	41.6					
49 558	2.42	3.73	4.23	2.68	2.14	1.78	1.35	1.51	1.56	1.28	1.36	2.46	3.48	1.23	2.24	42.7					
49 558	981	7 780	7 592	14 230	5 935	156	673	513	1 287	1 246	112	796	1 177	3 422	3 658	...					
18 008	332	1 977	1 686	4 592	2 470	88	377	247	665	762	53	288	362	1 673	2 436	56.6					
187	5	33	52	58	12	—	8	2	—	—	14	10	5	12	40	43.3					
118	—	—	14	23	6	—	—	—	—	—	—	—	—	—	—	32.1					
5	—	—	5	—	—	—	—	—	—	—	—	—	—	—	—	37.5					
15 693	297	1 804	1 598	4 051	2 063	46	282	204	556	686	36	258	321	1 412	2 079	56.3					
6 213	286	1 623	1 418	3 336	3 336	30	274	151	224	38	33	223	215	394	1 065	38.8					
2 300	83	524	386	2 322	2 322	6	31	40	100	7	—	28	23	420	18	42.0					
1 448	70	478	304	1 377	1 377	6	38	68	21	—	—	35	24	113	18	37.0					
812	53	233	125	232	232	11	52	11	32	—	—	46	45	65	18	35.6					
521	42	163	73	63	34	6	46	—	20	—	—	25	26	30	—	34.0					
331	23	75	15	69	21	6	14	—	13	12	6	26	6	14	—	45.4					
766	15	150	72	102	4	—	43	12	27	26	21	58	91	30	55	39.2					
35	—	—	5	—	—	—	—	—	11	—	—	5	6	8	—	55.7					
17.7	19.3	18.0	15.0	14.1	19.4	31.7	24.1	16.1	16.5	50.4	47.5	25.0	28.0	20.8	40.0	64.3					
9 480	11	181	418	2 715	1 913	16	58	28	332	648	3	35	106	1 018	1 973	64.3					
3 649	6	114	290	1 846	1 846	4	13	12	161	126	—	6	17	279	260	58.5					
2 152	5	44	69	603	599	4	16	13	37	138	3	6	30	257	285	64.1					
1 058	1	12	17	170	311	5	16	13	37	66	—	—	38	162	210	66.6					
510	—	4	6	37	108	—	5	6	7	107	—	—	6	86	224	69.7					
374	—	7	18	46	95	—	7	—	30	90	—	—	4	35	187	73.1					
1 001	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	73.1					
12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	75.7					
12.5	10—	10—	10—	10—	13.8	11.3	16.3	10—	10.3	19.5	14.5	36.4	15.8	14.5	25.1	...					
13 776	524	990	581	708	667	666	771	381	812	650	1 005	1 277	782	1 472	2 490	44.4					
6 651	—	—	—	—	—	327	536	278	645	545	375	384	189	1 040	2 332	61.2					
3 370	186	342	97	426	623	187	85	66	135	79	327	307	184	193	133	42.5					
1 678	223	248	88	110	21	103	79	17	7	5	218	240	185	113	21	29.4					
1 006	84	245	123	65	23	35	48	7	6	19	66	137	70	74	4	32.1					
616	31	104	142	63	—	4	14	13	13	2	17	131	61	17	—	35.0					
455	—	51	131	44	—	10	9	—	6	2	2	78	93	35	—	38.0					
1.57	2.84	3.12	4.36	2.33	2.04	1.53	1.22	1.19	1.13	1.10	1.49	2.33	2.60	1.03	—	...					
27 546	1 598	3 126	2 497	2 026	1 369	1 221	1 192	512	1 084	842	1 919	3 132	2 184	2 212	2 632	...					
13 325	509	981	564	708	660	629	721	334	720	597	975	1 270	782	1 443	2 432	44.3					
451	48	59	112	37	14	16	15	6	11	9	40	75	57	21	7	35.0					
34	5	—	17	—	—	37	50	47	92	8	30	7	—	29	58	50.9					
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	37.4					
13 594	505	976	563	688	660	666	767	381	805	650	991	1 254	766	1 440	2 482	44.5					
2 200	74	294	184	204	84	84	189	131	249	103	66	97	73	205	163	42.4					
2 038	131	225	128	134	59	147	190	82	95	55	148	234	120	150	140	33.9					
2 240	106	143	70	102	103	92	135	53	93	66	137	248	74	269	503	47.3					
1 571	48	75	44	81	44	71	66	30	64	80	79	157	67	196	416	55.4					
880	21	63	36	26	97	16	32	22	55	43	88	86	86	73	195	44.7					
1 857	55	72	42	29	128	108	51	22	78	147	112	140	122	245	476	57.7					
2 241	62	62	27	70	85	132	93	27	105	89	243	279	199	249	477	42.0					
567	6	42	32	42	60	16	11	14	66	31	38	19	25	53	112	56.8					
25.1	22.1	18.8	18.2	19.4	27.8	25.1	20.0	18.2	21.4	28.1	32.1	26.2	32.1	26.8	29.6	...					

Reading city

Owner-occupied housing units -----
PERSONS IN UNIT
 1 person -----
 2 persons -----
 3 persons -----
 4 persons -----
 5 persons -----
 6 or more persons -----
 Median -----
 Total persons -----

PLUMBING FACILITIES BY PERSONS PER ROOM
 Complete plumbing for exclusive use -----
 1.01 or more persons per room -----
 Lacking complete plumbing for exclusive use -----
 1.01 or more persons per room -----

MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979
Specified owner-occupied housing units
 With a mortgage -----
 Less than 15 percent -----
 15 to 19 percent -----
 20 to 24 percent -----
 25 to 29 percent -----
 30 to 34 percent -----
 35 percent or more -----
 Not computed -----
 Median -----

Not mortgaged
 Less than 10 percent -----
 10 to 14 percent -----
 15 to 19 percent -----
 20 to 24 percent -----
 25 to 29 percent -----
 30 to 34 percent -----
 35 percent or more -----
 Not computed -----
 Median -----

Renter-occupied housing units -----
PERSONS IN UNIT
 1 person -----
 2 persons -----
 3 persons -----
 4 persons -----
 5 persons -----
 6 or more persons -----
 Median -----
 Total persons -----

PLUMBING FACILITIES BY PERSONS PER ROOM
 Complete plumbing for exclusive use -----
 1.01 or more persons per room -----
 Lacking complete plumbing for exclusive use -----
 1.01 or more persons per room -----

GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979
Specified renter-occupied housing units
 Less than 15 percent -----
 15 to 19 percent -----
 20 to 24 percent -----
 25 to 29 percent -----
 30 to 34 percent -----
 35 to 49 percent -----
 50 percent or more -----
 Not computed -----
 Median -----

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

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

Reading city	Male householder							Female householder					
	Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	
Owner-occupied housing units	3 899	1 188	32	227	124	318	487	2 711	39	67	74	835	1 696
PLUMBING FACILITIES													
Complete plumbing for exclusive use	3 855	1 178	32	219	122	318	487	2 677	25	67	74	828	1 683
Lacking complete plumbing for exclusive use	44	10	—	8	2	—	—	34	14	—	—	7	13
UNITS IN STRUCTURE													
1, detached or attached	3 356	1 012	12	159	101	282	458	2 344	12	57	63	697	1 515
2 or more	535	176	20	68	23	36	29	359	27	10	11	138	173
Mobile home or trailer, etc.	8	—	—	—	—	—	—	8	—	—	—	—	8
HOUSEHOLD INCOME IN 1979													
Less than \$5,000	1 490	253	5	27	7	46	168	1 237	8	7	9	217	996
\$5,000 to \$9,999	1 252	320	—	35	13	66	206	932	25	22	20	330	535
\$10,000 to \$12,499	323	137	10	25	16	45	41	186	—	—	12	96	78
\$12,500 to \$14,999	172	71	4	16	8	24	19	101	6	6	19	51	19
\$15,000 to \$19,999	362	213	13	77	50	62	11	149	—	32	12	73	32
\$20,000 to \$24,999	161	87	—	31	17	29	10	74	—	—	2	51	21
\$25,000 to \$34,999	89	62	—	16	6	35	5	27	—	—	—	17	10
\$35,000 to \$49,999	36	31	—	—	—	4	27	5	—	—	—	—	5
\$50,000 or more	14	14	—	—	7	7	—	—	—	—	—	—	—
Median	\$6 600	\$10 383	\$13 125	\$15 597	\$16 452	\$12 708	\$6 226	\$5 570	\$6 691	\$14 375	\$11 667	\$8 181	\$4 562
Mean	\$8 876	\$12 780	\$12 620	\$14 283	\$17 674	\$15 454	\$9 099	\$7 166	\$7 185	\$12 071	\$10 378	\$9 216	\$5 822
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS													
Specified owner-occupied housing units	3 145	964	12	152	97	269	434	2 181	12	57	61	665	1 386
With a mortgage	620	294	12	110	52	86	34	326	12	50	35	171	58
Less than \$200	153	65	—	20	—	18	27	88	—	7	—	43	38
\$200 to \$249	141	44	6	13	6	19	—	97	—	5	6	71	15
\$250 to \$299	169	95	6	31	28	30	—	74	12	13	13	36	—
\$300 to \$349	89	50	—	11	13	19	7	39	—	12	7	15	5
\$350 to \$399	38	19	—	19	—	—	—	19	—	13	—	6	—
\$400 to \$499	16	16	—	11	5	—	—	—	—	—	—	—	—
\$500 to \$599	14	5	—	5	—	—	—	9	—	—	9	—	—
\$600 to \$749	—	—	—	—	—	—	—	—	—	—	—	—	—
\$750 or more	—	—	—	—	—	—	—	—	—	—	—	—	—
Median	\$255	\$270	\$250	\$285	\$286	\$260	\$164	\$239	\$275	\$300	\$294	\$230	\$168
Not mortgaged	2 525	670	—	42	45	183	400	1 855	—	7	26	494	1 328
Less than \$50	30	5	—	—	—	5	—	25	—	—	—	12	13
\$50 to \$74	109	19	—	—	—	—	19	90	—	—	5	10	75
\$75 to \$99	558	148	—	—	7	71	70	410	—	—	8	103	299
\$100 to \$124	756	239	—	28	6	80	125	517	—	—	—	142	375
\$125 to \$149	536	136	—	8	6	12	110	400	—	7	6	119	268
\$150 to \$199	381	86	—	6	13	15	52	295	—	—	7	75	213
\$200 to \$249	84	8	—	—	8	—	—	76	—	—	—	13	63
\$250 or more	71	29	—	—	5	—	24	42	—	—	—	20	22
Median	\$119	\$117	—	\$119	\$163	\$105	\$122	\$119	—	\$138	\$112	\$121	\$118
SELECTED CHARACTERISTICS													
Median selected monthly owner costs as percentage of household income in 1979	26.1	21.4	25.0	25.9	16.5	13.0	25.0	27.8	50.0	27.2	23.8	20.8	30.0
With a mortgage	29.8	29.7	25.0	28.9	18.2	30.2	50+	29.8	50.0	26.3	29.4	23.2	50+
Not mortgaged	25.3	18.3	—	15.6	12.1	10.2	24.0	27.5	—	50+	16.7	20.2	29.4
Income in 1979 below poverty level	704	107	—	20	7	17	63	597	8	7	6	140	436
Percent below poverty level	18.1	9.0	—	8.8	5.6	5.3	12.9	22.0	20.5	10.4	8.1	16.8	25.7
Renter-occupied housing units	6 651	2 331	327	536	278	645	545	4 320	375	384	189	1 040	2 332
PLUMBING FACILITIES													
Complete plumbing for exclusive use	6 290	2 068	290	486	239	553	500	4 222	361	377	189	1 016	2 279
Lacking complete plumbing for exclusive use	361	263	37	50	39	92	45	98	14	7	—	24	53
UNITS IN STRUCTURE													
1, detached or attached	690	261	17	73	13	106	52	429	33	22	19	150	205
2	934	239	34	62	29	57	57	695	61	86	25	234	289
3 and 4	1 657	645	111	163	91	166	114	1 012	146	110	68	267	421
5 to 9	1 157	527	69	154	47	137	120	630	102	84	48	148	248
10 to 49	782	266	62	47	16	88	53	516	26	40	22	169	259
50 or more	1 421	388	34	37	77	91	149	1 033	7	42	7	72	905
Mobile home or trailer, etc.	10	5	—	—	5	—	—	5	—	—	—	—	5
HOUSEHOLD INCOME IN 1979													
Less than \$5,000	3 024	724	86	83	28	181	346	2 300	121	25	53	442	1 659
\$5,000 to \$9,999	1 961	671	114	140	90	195	132	1 290	183	148	67	404	488
\$10,000 to \$12,499	677	286	77	92	45	46	26	391	43	129	33	107	79
\$12,500 to \$14,999	305	134	18	45	53	12	6	171	16	50	23	18	64
\$15,000 to \$19,999	447	317	25	141	24	105	22	130	12	32	13	62	11
\$20,000 to \$24,999	134	112	7	35	14	50	6	22	—	—	—	7	15
\$25,000 to \$34,999	79	73	—	—	24	42	7	6	—	—	—	—	6
\$35,000 to \$49,999	17	14	—	—	—	14	—	3	—	—	—	—	3
\$50,000 or more	7	7	—	—	—	—	—	7	—	—	—	—	7
Median	\$5 719	\$8 251	\$8 245	\$11 223	\$11 167	\$8 577	\$4 401	\$4 811	\$7 375	\$10 368	\$8 551	\$5 990	\$4 146
Mean	\$7 378	\$9 632	\$8 139	\$11 180	\$12 231	\$11 268	\$5 742	\$6 162	\$6 779	\$10 003	\$8 375	\$6 503	\$5 100
GROSS RENT													
Specified renter-occupied housing units	6 614	2 320	327	532	278	638	545	4 294	368	384	189	1 029	2 324
Less than \$100	1 573	392	11	21	60	95	205	1 181	5	4	14	203	955
\$100 to \$149	1 676	701	137	99	102	214	149	975	76	62	42	360	435
\$150 to \$199	1 915	640	87	193	58	194	108	1 275	232	178	78	326	461
\$200 to \$249	758	296	56	127	39	55	19	462	48	92	46	93	183
\$250 to \$299	311	126	17	62	6	27	14	185	—	33	—	24	128
\$300 to \$349	153	70	14	18	7	16	15	83	—	15	—	8	60
\$350 to \$399	35	22	—	—	6	3	13	13	—	—	—	—	13
\$400 to \$499	28	21	—	8	—	6	7	7	—	—	—	—	7
\$500 or more	—	—	—	—	—	—	—	—	—	—	—	—	—
No cash rent	165	52	5	4	—	28	15	113	7	—	9	15	82
Median	\$149	\$153	\$159	\$186	\$136	\$148	\$117	\$148	\$175	\$186	\$169	\$144	\$124
SELECTED CHARACTERISTICS													
Median gross rent as percentage of household income in 1979	26.7	22.9	25.3	21.4	16.6	20.6	29.6	28.3	29.0	24.1	23.8	27.0	30.0
Income in 1979 below poverty level	1 950	446	65	50	21	139	171	1 504	90	18	36	388	972
Percent below poverty level	29.3	19.1	19.9	9.3	7.6	21.6	31.4	34.8	24.0	4.7	19.0	37.3	41.7

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

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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GENERAL

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

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, step-child, 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.

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

USUAL PLACE OF RESIDENCE. . .	C-1
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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.

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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 nonsampling variability, and an estimated standard error of zero (or a very small standard error) is not appropriate.

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

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

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

- 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 :

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

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

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

Stage III—Age/Sex/Race/Spanish Origin

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

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

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

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

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

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

The ratio estimation procedure for

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

OCCUPIED HOUSING UNITS

Stage I—Type of Household

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

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

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

9-16 Same value categories as groups 1 to 8

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

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

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

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

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

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

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

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

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

Other Race (includes those races not listed above)

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

VACANT HOUSING UNITS

- 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.

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

N = Size of area

\hat{Y} = Estimate of characteristic total

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

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

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

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

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

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

B = Base of estimated percentage

\hat{p} = Estimated percentage

Table C. Standard Error Adjustment Factors

[Percent of persons or housing units in sample]

Characteristic	Less than 19 Percent	19 to 33 Percent	More than 33 Percent
Occupancy and vacancy status.....	1.1	0.9	0.5
Tenure.....	1.1	1.0	0.5
Units in structure.....	1.1	0.9	0.5
Stories in structure.....	0.9	0.8	0.5
Passenger elevator.....	0.9	0.8	0.4
Source of water.....	1.0	0.8	0.5
Sewage disposal.....	1.1	0.9	0.5
Year structure built.....	1.0	0.9	0.5
Year householder moved into housing unit.....	1.1	0.9	0.5
Heating equipment and fuel.....	1.1	0.9	0.5
Kitchen facilities.....	1.1	0.9	0.5
Number of bedrooms or bathrooms.....	1.1	0.9	0.5
Telephone in housing unit.....	1.1	0.9	0.5
Air conditioning.....	1.1	1.0	0.5
Vehicles available.....	1.1	0.9	0.5
Gross rent.....	1.1	0.9	0.5
Mortgage status and selected monthly owner costs.....	1.1	0.9	0.5
Income.....	1.1	0.9	0.5
Poverty status.....	1.1	0.9	0.5
Complete plumbing facilities for exclusive use with 1.01 persons per room or more.....	1.1	0.9	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
119 937	21.4
34 142	15.9

The SMSA -----

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

Reading 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 well which goes from ground to roof.

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

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

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

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

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

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

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

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

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

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

An electric heat pump is sometimes known as a reverse cycle

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

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

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

INSTRUCTIONS FOR QUESTIONS H21 THROUGH H32

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

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

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

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

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

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

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

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

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

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

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

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

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

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

INSTRUCTIONS FOR QUESTIONS 11 THROUGH 14

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

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

For persons born outside the United States:

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

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

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

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

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

- b. Print the non-English language spoken *at home*. If this person speaks two or more non-English languages *at home* and cannot determine which is spoken most often, report the first language the person learned to speak.

- c. Fill the circle that best describes the person's *ability* to speak English.

- (1) The circle **Very well** should be filled for persons who have no difficulty speaking English.
- (2) The circle **Well** should be filled for persons who have only minor problems which do not seriously limit their ability to speak English.
- (3) The circle **Not well** should be filled for persons who are seriously limited in their ability to speak English.
- (4) The circle **Not at all** should be filled for persons who do not speak English at all.

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

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

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

INSTRUCTIONS FOR QUESTIONS 15 THROUGH 20

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

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

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

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

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

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

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

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

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

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

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

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

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

INSTRUCTIONS FOR QUESTIONS 21 THROUGH 26

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

Count as work:

Work for someone else for wages, salary, piece rate, commission, tips, or payments "in kind" (for example, food, lodging received as payment for work performed).
 Work in own business, professional practice, or farm.
 Any work in a family business or farm, paid or not.
 Any part-time work including babysitting, paper routes, etc.
 Active duty in Armed Forces.

Do not count as work:

Housework or yard work at home.
 Unpaid volunteer work.
 Work done as a resident of an institution.

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

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

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

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

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

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

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

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

INSTRUCTIONS FOR QUESTIONS 27 THROUGH 29

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

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

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

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

<u>Unacceptable</u>	<u>Acceptable</u>
Furniture company	Metal furniture manufacturing
Grocery store	Wholesale grocery store
Oil company	Retail gas station
Ranch	Cattle ranch

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

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

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

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

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

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

<u>Unacceptable</u>	<u>Acceptable</u>
Clerk	Production clerk
Helper	Carpenter's helper
Mechanic	Auto engine mechanic
Nurse	Registered nurse

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

INSTRUCTIONS FOR QUESTIONS 30 THROUGH 33

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

1980 Census of the United States

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

DO	A1	A2	A4	A5	A6
				L	

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.

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.

How to fill out your Census Form

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

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

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

Fill circles "O" completely, like this ●

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

Make sure that answers are provided for everyone here.

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

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

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

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

Please start by answering Question 1 below.

Question 1

List in Question 1

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

Do Not List in Question 1

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

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

Note

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

Then please:

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

Please continue →

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

NOW PLEASE ANSWER QUESTIONS H1—H12 FOR YOUR HOUSEHOLD

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

PERSON in column 7. Last name, First name, Middle initial. If relative of person in column 1: Husband/wife, Son/daughter, Brother/sister, Father/mother, Other relative. If not related to person in column 1: Roomer, boarder, Partner, roommate, Paid employee, Other nonrelative. Male, Female. Race: White, Black or Negro, Japanese, Chinese, Filipino, Korean, Vietnamese, Indian (Amer.), Asian Indian, Hawaiian, Guamanian, Samoan, Eskimo, Aleut, Other - Specify. Print tribe.

a. Age at last birthday, b. Month of birth, c. Year of birth. 1 8 0 0 0 9 1 1 2 3 4 5 6 7 8 9

Marital status: Now married, Separated, Widowed, Never married, Divorced.

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

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

Highest grade attended: Nursery school, Kindergarten.

Elementary through high school (grade or year): 1 2 3 4 5 6 7 8 9 10 11 12

College (academic year): 1 2 3 4 5 6 7 8 or more. Never attended school - Skip question 10.

Current grade: Now attending this grade (or year), Finished this grade (or year), Did not finish this grade (or year).

CENSUS USE ONLY. A. O I N O 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, 2 rooms, 3 rooms, 4 rooms, 5 rooms, 6 rooms, 7 rooms, 8 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? b. Is any part of the property used as a commercial establishment or medical office?

H11. If you live in a one-family house or a condominium unit which you own or are buying - What is the value of this property, 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.

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

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

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A4. Block number, A6. Serial number, B. Type of unit or quarters (Occupied: First form, Continuation; Vacant: Regular, Usual home elsewhere, Group quarters: First form, Continuation), C1. Is this unit for - Year round use, Seasonal/Mig - Skip C2, C3, and D., C2. Vacancy status (For rent, For sale only, Rented or sold, not occupied, Held for occasional use, Other vacant), C3. Is this unit boarded up?, D. Months vacant (Less than 1 month, 1 up to 2 months, 2 up to 6 months, 6 up to 12 months, 1 year up to 2 years, 2 or more years), E. Indicators (Mail return, Pop./F), F. Total persons.

<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 checked="" type="radio"/> Fuel oil, kerosene, etc.</p> <p><input type="radio"/> Coal or coke <input type="radio"/> Wood <input type="radio"/> Other fuel <input type="radio"/> No fuel used</p> <p>b. Which fuel is used most for water heating?</p> <p><input type="radio"/> Gas: from underground pipes serving the neighborhood <input type="radio"/> Gas: bottled, tank, or LP <input type="radio"/> Electricity <input checked="" type="radio"/> Fuel oil, kerosene, etc.</p> <p><input type="radio"/> Coal or coke <input type="radio"/> Wood <input type="radio"/> Other fuel <input type="radio"/> No fuel used</p>	<p>CENSUS USE</p> <p>H22a.</p> <table border="1"> <tr><td>0</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td></tr> </table>	0	0	0	1	1	1	2	2	2	3	3	3	4	4	4	5	5	5	6	6	6	7	7	7	8	8	8	9	9	9
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<p>H14a. How many stories (floors) are in this building? <i>Count an attic or basement as a story if it has any finished rooms for living purposes.</i></p> <p><input type="radio"/> 1 to 3 — <i>Skip to H15</i> <input type="radio"/> 4 to 6 <input type="radio"/> 7 to 12 <input type="radio"/> 13 or more stories</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 checked="" 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> <table border="1"> <tr><td>0</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td></tr> </table>	0	0	0	1	1	1	2	2	2	3	3	3	4	4	4	5	5	5	6	6	6	7	7	7	8	8	8	9	9	9
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<p>H15a. Is this building —</p> <p><input type="radio"/> On a city or suburban lot, or on a place of less than 1 acre? — <i>Skip to H16</i> <input type="radio"/> On a place of 1 to 9 acres? <input type="radio"/> On a place of 10 or more acres?</p> <p>b. Last year, 1979, did sales of crops, livestock, and other farm products from this place amount to —</p> <p><input type="radio"/> Less than \$50 (or None) <input type="radio"/> \$250 to \$599 <input type="radio"/> \$1,000 to \$2,499 <input type="radio"/> \$50 to \$249 <input type="radio"/> \$600 to \$999 <input type="radio"/> \$2,500 or more</p>	<p>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>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>c. Water</p> <p>\$ _____ .00 OR <input type="radio"/> Included in rent or no charge <i>Yearly cost</i></p> <p>d. Oil, coal, kerosene, wood, etc.</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>H22c.</p> <table border="1"> <tr><td>0</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td></tr> </table>	0	0	0	1	1	1	2	2	2	3	3	3	4	4	4	5	5	5	6	6	6	7	7	7	8	8	8	9	9	9
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<p>H16. Do you get water from —</p> <p><input type="radio"/> A public system (<i>city water department, etc.</i>) or private company? <input type="radio"/> An individual drilled well? <input type="radio"/> An individual dug well? <input type="radio"/> Some other source (<i>a spring, creek, river, cistern, etc.</i>)?</p>	<p>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 checked="" type="radio"/> Yes <input type="radio"/> No</p>	<p>H22d.</p> <table border="1"> <tr><td>0</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td></tr> </table>	0	0	0	1	1	1	2	2	2	3	3	3	4	4	4	5	5	5	6	6	6	7	7	7	8	8	8	9	9	9
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<p>H17. Is this building connected to a public sewer?</p> <p><input type="radio"/> Yes, connected to public sewer <input type="radio"/> No, connected to septic tank or cesspool <input type="radio"/> No, use other means</p>	<p>H24. How many bedrooms do you have? <i>Count rooms used mainly for sleeping even if used also for other purposes.</i></p> <p><input type="radio"/> No bedroom <input type="radio"/> 2 bedrooms <input type="radio"/> 4 bedrooms <input checked="" type="radio"/> 1 bedroom <input type="radio"/> 3 bedrooms <input type="radio"/> 5 or more bedrooms</p>	<table border="1"> <tr><td>0</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td></tr> </table>	0	0	0	1	1	1	2	2	2	3	3	3	4	4	4	5	5	5	6	6	6	7	7	7	8	8	8	9	9	9
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<p>H18. About when was this building originally built? Mark when the building was first constructed, not when it was remodeled, added to, or converted.</p> <p><input type="radio"/> 1979 or 1980 <input type="radio"/> 1960 to 1969 <input type="radio"/> 1940 to 1949 <input type="radio"/> 1975 to 1978 <input type="radio"/> 1950 to 1959 <input type="radio"/> 1939 or earlier <input type="radio"/> 1970 to 1974</p>	<p>H25. How many bathrooms do you have? <i>A complete bathroom is a room with flush toilet, bathtub or shower, and wash basin with piped water.</i> <i>A half bathroom has at least a flush toilet or bathtub or shower, but does not have all the facilities for a complete bathroom.</i></p> <p><input type="radio"/> No bathroom, or only a half bathroom <input type="radio"/> 1 complete bathroom <input type="radio"/> 1 complete bathroom, plus half bath(s) <input type="radio"/> 2 or more complete bathrooms</p>	<table border="1"> <tr><td>0</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td></tr> </table>	0	0	0	1	1	1	2	2	2	3	3	3	4	4	4	5	5	5	6	6	6	7	7	7	8	8	8	9	9	9
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<p>H19. When did the person listed in column 1 move into this house (or apartment)?</p> <p><input type="radio"/> 1979 or 1980 <input type="radio"/> 1950 to 1959 <input type="radio"/> 1975 to 1978 <input type="radio"/> 1949 or earlier <input type="radio"/> 1970 to 1974 <input type="radio"/> Always lived here <input type="radio"/> 1960 to 1969</p>	<p>H26. Do you have a telephone in your living quarters?</p> <p><input type="radio"/> Yes <input checked="" type="radio"/> No</p>	<table border="1"> <tr><td>0</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td></tr> </table>	0	0	0	1	1	1	2	2	2	3	3	3	4	4	4	5	5	5	6	6	6	7	7	7	8	8	8	9	9	9
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<p>H20. How are your living quarters heated? <i>Fill one circle for the kind of heat used most.</i></p> <p><input type="radio"/> Steam or hot water system <input type="radio"/> Central warm-air furnace with ducts to the individual rooms (<i>Do not count electric heat pumps here</i>) <input type="radio"/> Electric heat pump <input checked="" type="radio"/> Other built-in electric units (<i>permanently installed in wall, ceiling, or baseboard</i>)</p> <p><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 (<i>not portable</i>) <input type="radio"/> Fireplaces, stoves, or portable room heaters of any kind <input type="radio"/> No heating equipment</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 checked="" type="radio"/> 2 automobiles <input type="radio"/> 3 or more automobiles <input type="radio"/> 1 automobile</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>	<table border="1"> <tr><td>0</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td></tr> </table>	0	0	0	1	1	1	2	2	2	3	3	3	4	4	4	5	5	5	6	6	6	7	7	7	8	8	8	9	9	9
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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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Name of Person 1 on page 2:
 Last name First name Middle initial

11. In what State or foreign country was this person born?
 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.

12. If this person was born in a foreign country —
 a. Is this person a naturalized citizen of the United States?
 Yes, a naturalized citizen
 No, not a citizen
 Born abroad of American parents

b. When did this person come to the United States to stay?
 1975 to 1980 1965 to 1969 1950 to 1959
 1970 to 1974 1960 to 1964 Before 1950

13a. Does this person speak a language other than English at home?
 Yes No, only speaks English — Skip to 14

b. What is this language?
 (For example — Chinese, Italian, Spanish, etc.)

c. How well does this person speak English?
 Very well Not well
 Well Not at all

14. What is this person's ancestry? If uncertain about how to report ancestry, see instruction guide.
 (For example: Afro-Amer., English, French, German, Honduran, Hungarian, Irish, Italian, Jamaican, Korean, Lebanese, Mexican, Nigerian, Polish, Ukrainian, Venezuelan, etc.)

15a. Did this person live in this house five years ago (April 1, 1975)?
 If in college or Armed Forces in April 1975, report place of residence there.
 Born April 1975 or later — Turn to next page for next person
 Yes, this house — Skip to 16
 No, different house

b. Where did this person live five years ago (April 1, 1975)?
 (1) State, foreign country, Puerto Rico, Guam, etc.:
 (2) County:
 (3) City, town, village, etc.:
 (4) Inside the incorporated (legal) limits of that city, town, village, etc.?
 Yes No, in unincorporated area

16. When was this person born?
 Born before April 1965 — Please go on with questions 17-33
 Born April 1965 or later — Turn to next page for next person

17. In April 1975 (five years ago) was this person —
 a. On active duty in the Armed Forces?
 Yes No
 b. Attending college?
 Yes No
 c. Working at a job or business?
 Yes, full time No
 Yes, part time

18a. Is this person a veteran of active-duty military service in the Armed Forces of the United States?
 If service was in National Guard or Reserves only, see instruction guide.
 Yes No — Skip to 19

b. Was active-duty military service during —
 Fill a circle for each period in which this person served.
 May 1975 or later
 Vietnam era (August 1964—April 1975)
 February 1955—July 1964
 Korean conflict (June 1950—January 1955)
 World War II (September 1940—July 1947)
 World War I (April 1917—November 1918)
 Any other time

19. Does this person have a physical, mental, or other health condition which has lasted for 6 or more months and which . . .
 Yes No
 a. Limits the kind or amount of work this person can do at a job?
 b. Prevents this person from working at a job?
 c. Limits or prevents this person from using public transportation?

20. If this person is a female —
 How many babies has she ever had, not counting stillbirths?
 Do not count her stepchildren or children she has adopted.

21. If this person has ever been married —
 a. Has this person been married more than once?
 Once More than once
 b. Month and year of marriage? Month and year of first marriage?
 (Month) (Year) (Month) (Year)
 c. If married more than once — Did the first marriage end because of the death of the husband (or wife)?
 Yes No

22a. Did this person work at any time last week?
 Yes — 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.)
 No — Fill this circle if this person did not work, or did only own housework, school work, or volunteer work.
 Skip to 2S

b. How many hours did this person work last week (at all jobs)?
 Subtract any time off; add overtime or extra hours worked.
 Hours

23. At what location did this person work last week?
 If this person worked at more than one location, print where he or she worked most last week.
 If one location cannot be specified, see instruction guide.
 a. Address (Number and street)
 If street address is not known, enter the building name, shopping center, or other physical location description.
 b. Name of city, town, village, borough, etc.

c. Is the place of work inside the incorporated (legal) limits of that city, town, village, borough, etc.?
 Yes No, in unincorporated area
 d. County
 e. State f. ZIP Code

24a. Last week, how long did it usually take this person to get from home to work (one way)?
 Minutes
 b. How did this person usually get to work last week?
 If this person used more than one method, give the one usually used for most of the distance.
 Car Truck Taxicab
 Van Motorcycle
 Bus or streetcar Bicycle
 Railroad Walked only
 Subway or elevated Worked at home
 Other — Specify
 If car, truck, or van in 24b, go to 24c. Otherwise, skip to 28.

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Per. No.	11.	13b.	14.	15b.	23.	VL	24a.				
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PERSON 1 ON PAGE 2

<p>c. When going to work <u>last week</u>, did this person usually —</p> <p><input type="radio"/> Drive alone — <i>Skip to 28</i> <input type="radio"/> Drive others only</p> <p><input type="radio"/> Share driving <input type="radio"/> Ride as passenger only</p>	<p>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"/> <input type="radio"/> No — <i>Skip to 31d</i></p>	<p>CENSUS USE ONLY</p>
<p>d. How many people, including this person, usually rode to work in the car, truck, or van <u>last week</u>?</p> <p><input type="radio"/> 2 <input checked="" type="checkbox"/> 4 <input type="radio"/> 6 <input checked="" type="checkbox"/></p> <p><input type="radio"/> 3 <input type="checkbox"/> 5 <input type="checkbox"/> 7 or more</p> <p><i>After answering 24d, skip to 28.</i></p>	<p>21b.</p>	<p>b. How many weeks did this person work in 1979?</p> <p><i>Count paid vacation, paid sick leave, and military service.</i></p> <p>_____ Weeks</p>	<p>31b. 31c. 31d.</p>
<p>25. Was this person temporarily absent or on layoff from a job or business <u>last week</u>?</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>I</p>	<p>c. During the weeks worked in 1979, how many hours did this person usually work each week?</p> <p>_____ Hours</p>	<p>I I I</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 — <i>Skip to 27</i></p>	<p>II</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>II II II</p>
<p>b. Could this person have taken a job <u>last week</u>?</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 (<i>in school, etc.</i>)</p> <p><input type="radio"/> Yes, could have taken a job</p>	<p>III</p>	<p>32. Income in 1979 —</p> <p><i>Fill circles and print dollar amounts.</i></p> <p><i>If net income was a loss, write "Loss" above the dollar amount.</i></p> <p><i>If exact amount is not known, give best estimate. For income received jointly by household members, see instruction guide.</i></p>	<p>III III III</p>
<p>27. When did this person last work, even for a few days?</p> <p><input type="radio"/> 1980 <input type="radio"/> 1978 <input type="radio"/> 1970 to 1974</p> <p><input type="radio"/> 1979 <input type="radio"/> 1975 to 1977 <input type="radio"/> 1969 or earlier</p> <p><input type="radio"/> Never worked } <i>Skip to 31d</i></p>	<p>IV</p>	<p>During 1979 did this person receive any income from the following sources?</p> <p><i>If "Yes" to any of the sources below — How much did this person receive for the entire year?</i></p>	<p>IV IV IV</p>
<p>28–30. Current or most recent job activity</p> <p><i>Describe clearly this person's chief job activity or business last week. If this person had more than one job, describe the one at which this person worked the most hours.</i></p> <p><i>If this person had no job or business last week, give information for last job or business since 1975.</i></p>	<p>22b.</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>V V V</p>
<p>28. Industry</p> <p>a. For whom did this person work? <i>If now on active duty in the Armed Forces, print "AF" and skip to question 31.</i></p> <p>_____ (Name of company, business, organization, or other employer)</p>	<p>I I</p>	<p>b. Own nonfarm business, partnership, or professional practice . . . Report net income after business expenses.</p> <p><input checked="" type="radio"/> Yes → \$ _____ .00</p> <p><input type="radio"/> No _____ (Annual amount — Dollars)</p>	<p>I I I</p>
<p>b. What kind of business or industry was this?</p> <p><i>Describe the activity at location where employed.</i></p> <p>_____ (For example: Hospital, newspaper publishing, mail order house, auto engine manufacturing, breakfast cereal manufacturing)</p>	<p>2</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>2 2 2</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>3</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>3 3 3</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>3 3</p>	<p>e. Social Security or Railroad Retirement . . .</p> <p><input checked="" type="radio"/> Yes → \$ _____ .00</p> <p><input type="radio"/> No _____ (Annual amount — Dollars)</p>	<p>3 3 3</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>4 4</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>4 4 4</p>
<p>30. Was this person — (Fill one circle)</p> <p>Employee of private company, business, or individual, for wages, salary, or commissions . . . <input checked="" type="radio"/></p> <p>Federal government employee . . . <input type="radio"/></p> <p>State government employee . . . <input type="radio"/></p> <p>Local government employee (city, county, etc.) . . . <input type="radio"/></p> <p>Self-employed in own business, professional practice, or farm —</p> <p>Own business not incorporated . . . <input type="radio"/></p> <p>Own business incorporated . . . <input type="radio"/></p> <p>Working without pay in family business or farm . . . <input type="radio"/></p>	<p>5 5</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="radio"/> Yes → \$ _____ .00</p> <p><input type="radio"/> No _____ (Annual amount — Dollars)</p>	<p>5 5 5</p>
	<p>6 6</p>	<p>33. What was this person's total income in 1979?</p> <p><i>Add entries in questions 32a through g; subtract any losses.</i></p> <p>\$ _____ .00 (Annual amount — Dollars)</p> <p><i>If total amount was a loss, write "Loss" above amount.</i> OR <input type="radio"/> None</p>	<p>6 6 6</p>

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

Appendix F.—Publication and Computer Tape Program

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

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

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

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

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

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

PUBLICATIONS

Population and Housing Census Reports

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Population Census Reports

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

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

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

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

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

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

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

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

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

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

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

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

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

1980 census statistics dealing with specific population subjects.

Housing Census Reports

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

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

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

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

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

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

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

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

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

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

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

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

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

Evaluation and Reference Reports

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

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

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

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

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

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

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

COMPUTER TAPES

Summary Tape Files

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

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

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

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

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

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

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

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

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

Other Computer Tape Files

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

Master Area Reference Files 1 and 2 (MARF)

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

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

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

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

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

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

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

MAPS

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

MICROFICHE

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

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

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

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

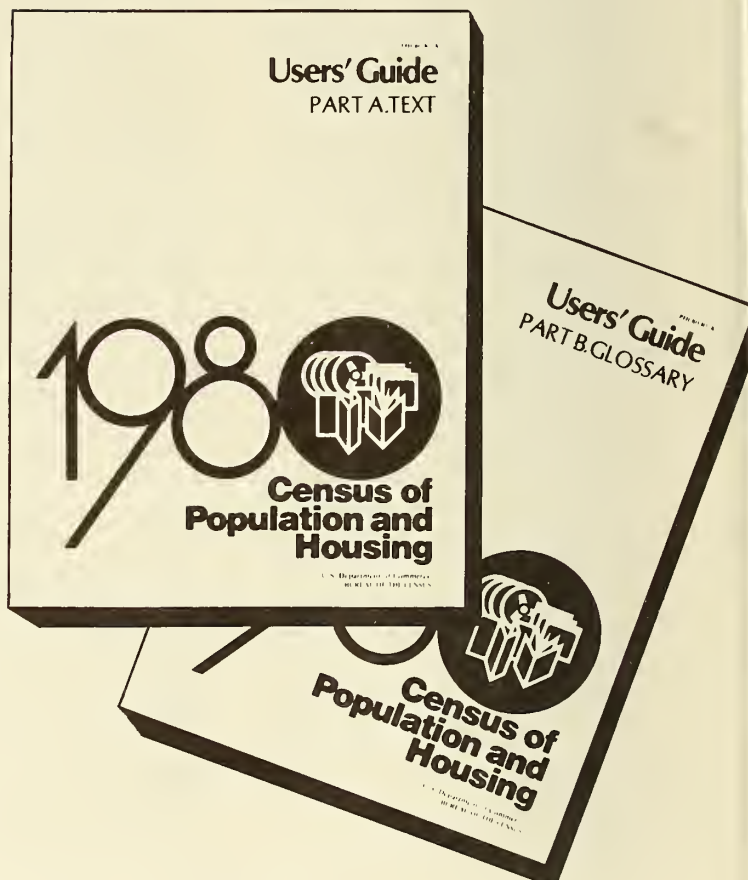
1980 Census of Population and Housing

Users' Guide

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

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

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



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

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

Census HD 7293 .A56x
1983 v.2 pt.298 c.2
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