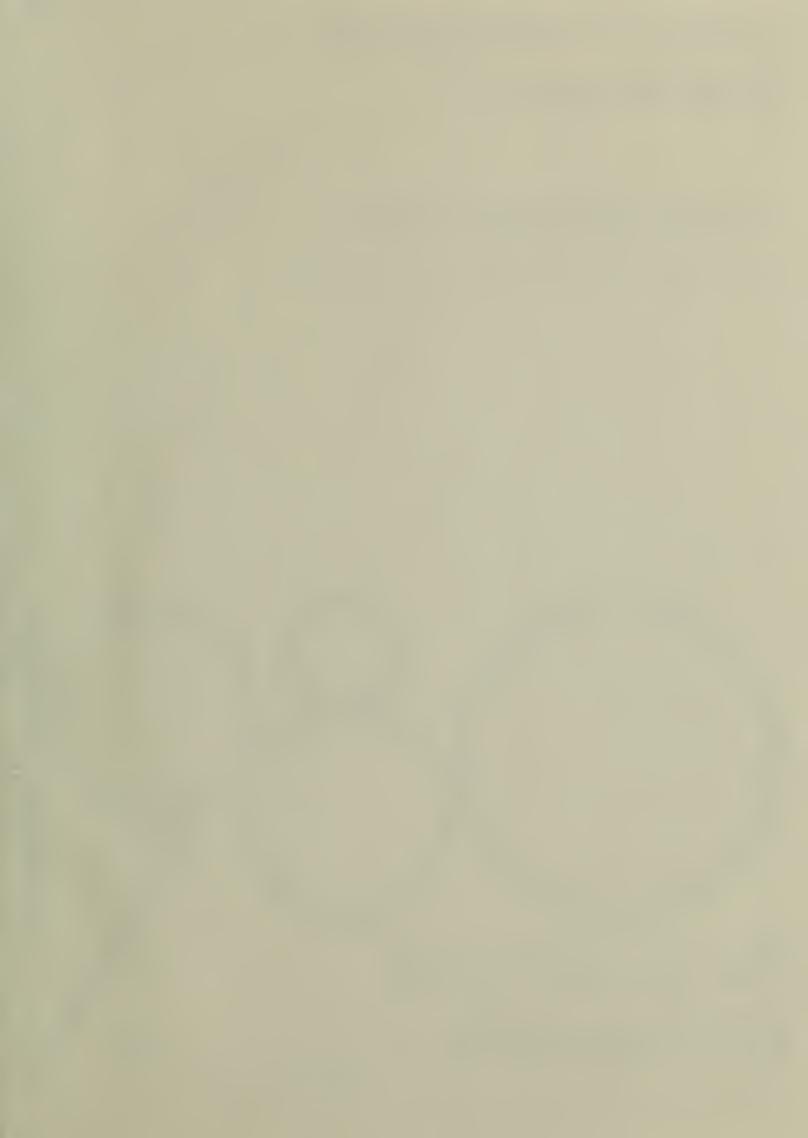
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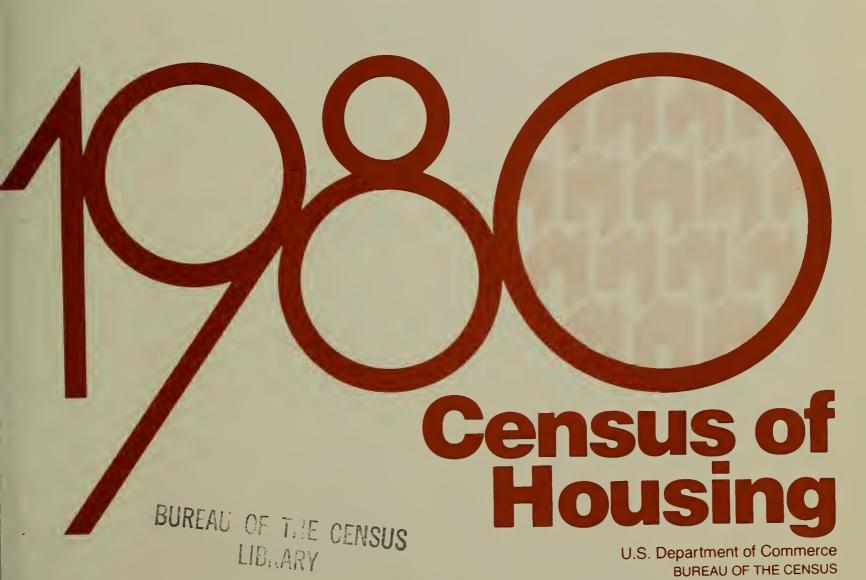
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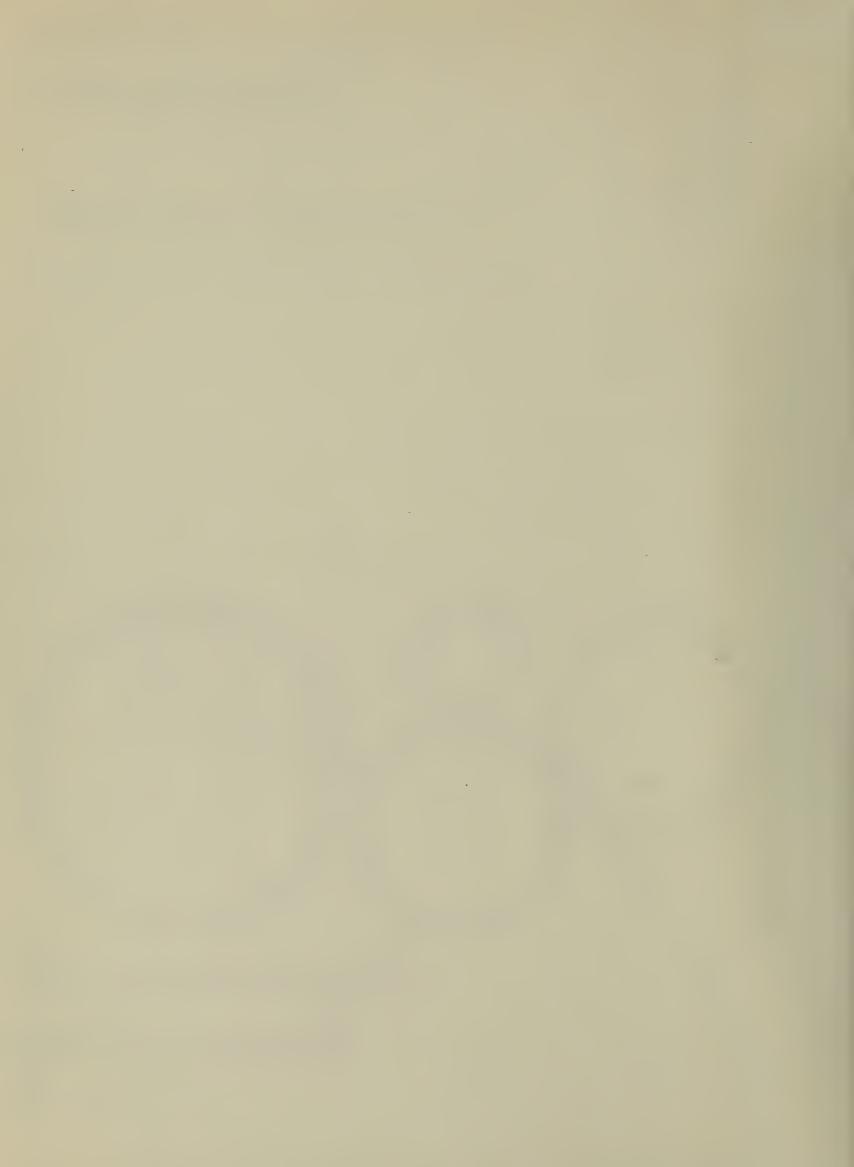
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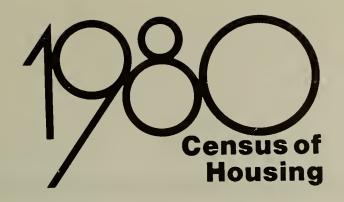
## Metropolitan Housing Characteristics

## FORT COLLINS, COLO.

STANDARD METROPOLITAN STATISTICAL AREA







**VOLUME 2** 

#### Data Index

# Metropolitan Housing Characteristics

FORT COLLINS, COLO.

HC80-2-159

Issued October 1983



U.S. Department of Commerce Malcolm Baldrige, Secretary

Robert G. Dederick, Under Secretary for Economic Affairs

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For list of contents see page IX.	
	Table
Value	. 1, 14, 25, 36, 47, 58
Gross Rent	. 2, 15, 26, 37, 48, 59
Income and Poverty Status in 1979 of Owner-Occupied Housing Units	. 3, 16, 27, 38, 49, 60
Income and Poverty Status in 1979 of Renter-Occupied Housing Units	4, 17, 28, 39, 50, 61
Selected Monthly Owner Costs for Mortgaged Housing Units	5, 18, 29, 40, 51, 62
Selected Monthly Owner Costs for Not Mortgaged Housing Units	6, 19, 30, 41, 52, 63
Year Structure Built	7, 20, 31, 42, 53, 64
Units in Structure	8, 21, 32, 43, 54, 65
Size of Household	9, 22, 33, 44, 55, 66
Household Composition and Age of Householder .	10, 23, 34, 45, 56, 67
One-Person Households	11, 24, 35, 46, 57, 68
Duration of Vacancy	12
Price Asked and Rent Asked	13
FALL OF THE CENSUS	

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HOUSING DIVISION Arthur F. Young, Chief

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## List of HC80-2, Metropolitan Housing Characteristics, Reports

Report		Report		Report		Report	
No.	Area	No.	Area	No.	Area	No.	Area
1	U.S. Summary	41	Rhode Island	77	Atlanta, Ga.	114	Charleston-North
2	Alabama	42	South Carolina	78	Atlantic City, N.J.		Charleston, S.C.
3	Alaska	43	South Dakota	79	Augusta, GaS.C.	115	Charleston, W. Va.
4	Arizona	44	Tennessee	80	Austin, Tex.		
5	Arkansas	45	Texas		rustin, rox.	116	Charlotte-Gastonia, N.C.
3	WINGII202	45	16792	81	Bakersfield, Calif.		Charlottesville, Va.
_	California	40	Hank	82	Baltimore, Md.	117	· · · · · · · · · · · · · · · · · · ·
6	California	46	Utah	83	Bangor, Maine	118	Chattanooga, TennGa.
7	Colorado	47	Vermont	84	Baton Rouge, La.	119	Chicago, III.
8	Connecticut	48	Virginia	85	Battle Creek, Mich.		
9	Delaware	49	Washington	•	Bacilo Orock, mion.	120	Chico, Calif.
10	Not assigned	50	West Virginia	86	Bay City, Mich.	121	Cincinnati, Ohio-KyInd.
4.4	F1 11			87	Beaumont-Port Arthur-	122	Clarksville-Hopkinsville,
11	Florida	51	Wisconsin		Orange, Tex.		TennKy.
12	Georgia	52	Wyoming	88	Bellingham, Wash.	123	Cleveland, Ohio
13	Hawaii	53	Puerto Rico	89	Benton Harbor, Mich.	124	Colorado Springs, Colo.
14	Idaho	54	Not assigned	90	Billings, Mont.	125	Columbia, Mo.
15	Illinois	55	Not assigned		<b>2</b>		
				91	Biloxi-Gulfport, Miss.	126	Columbia, S.C.
16	Indiana	56	Not assigned	92	Binghamton, N.YPa.	127	Columbus, GaAla.
17	lowa	57	Not assigned	93	Birmingham, Ala.	128	Columbus, Ohio
18	Kansas	58	Abilene, Tex.	94	Bismarck, N. Dak.	129	Corpus Christi, Tex.
19	Kentucky	59	Akron, Ohio	95	Bloomington, Ind.	130	Cumberland, MdW. Va.
20	Louisiana	60	Albany, Ga.		·	100	Camberrana, ma. vv. va.
			,,	96	Bloomington-Normal, III.	101	Dellas Fort Worth Toy
21	Maine	61	Albany-Schenectady-	97	Boise City, Idaho	131	Dallas-Fort Worth, Tex.
22	Maryland	•	Troy, N.Y.	98	Boston, Mass.	132	Danbury, Conn.
23	Massachusetts	62	Albuquerque, N. Mex.	99	Bradenton, Fla.	133	Danville, Va.
24	Michigan	63	Alexandria, La.	100	Bremerton, Wash.	134	Davenport-Rock Island-
25	Minnesota	64	Allentown-Bethlehem-Easto		•		Moline, Iowa-III.
		04	PaN.J.	''', 101	Bridgeport, Conn.	135	Dayton, Ohio
26	Mississippi	65	Altoona, Pa.	102	Bristol, Conn.		
27	Missouri	69	Altuulla, ra.	103	Brockton, Mass.	136	Daytona Beach, Fla.
28	Montana	CC	Amerilla Tay	104	Brownsville-Harlingen-	137	Decatur, III.
29	Nebraska	66	Amarillo, Tex.		San Benito, Tex.	138	Denver-Boulder, Colo.
30	Nevada	67	Anaheim-Santa Ana-Garden	105	Bryan-College Station, Tex.	139	Des Moines, I owa
		-00	Grove, Calif.	103	Bryan-Conege Station, Tex.	140	Detroit, Mich.
31	New Hampshire	68	Anchorage, Alaska	400	n st. L. N. V		·
32	New Jersey	69	Anderson, Ind.	106	Buffalo, N.Y.	141	Dubuque, I owa
33	New Mexico	70	Anderson, S.C.	107	Burlington, N.C.	142	Duluth-Superior, Minn.
34	New York			108	Burlington, Vt.	142	Wis.
35	North Carolina	71	Ann Arbor, Mich.	109	Caguas, P.R.	1/12	
		72	Anniston, Ala.	110	Canton, Ohio	143	Eau Claire, Wis.
36	North Dakota	73	Appleton-Oshkosh, Wis.			144	El Paso, Tex.
37	Ohio	74	Arecibo, P.R.	111	Casper, Wyo.	145	Elkhart, Ind.
38	Oklahoma	75	Asheville, N.C.	112	Cedar Rapids, Iowa		
39	Oregon			113	Champaign-Urbana-	146	Elmira, N.Y.
40	Pennsylvania	76	Athens, Ga.		Rantoul, III.	147	Enid, Okla.

Report No.	Area	Report No.	Area	Report No.	Area	Report No.	Area
148	Erie, Pa.	187	Indianapolis, Ind.	227	Louisville, KyInd.	265	Norfolk-Virginia Beach-
149	Eugene-Springfield, Oreg.	188	Iowa City, Iowa	228	Lowell, MassN.H.		Portsmouth, VaN.C.
150	Evansville, IndKy.	189	Jackson, Mich.	229	Lubbock, Tex.		
		190	Jackson, Miss.	230	Lynchburg, Va.	266	Northeast Pennsylvania
151	Fall River, MassR.I.					267	Norwalk, Conn.
152	Fargo-Moorhead, N. Dak	191	Jacksonville, Fla.	231	Macon, Ga.	268	Ocala, Fla.
	Minn.		Jacksonville, N.C.	232	Madison, Wis.	269	O dessa, Tex.
153	Fayetteville, N.C.	193	Janesville-Beloit, Wis.	233	Manchester, N.H.	270	Oklahoma City, Okla.
154	Fayetteville-Springdale,	194	Jersey City, N.J.	234	Mansfield, Ohio		
	Ark.	195	Johnson City-Kingsport-	235	Mayagűez, P.R.	271	Olympia, Wash.
155	Fitchburg-Leominster, Mass.		Bristol, TennVa.	200	44 AU DI 5 C I	272	Omaha, Nebrlowa
				236	McAllen-Pharr-Edinburg,	273	Orlando, Fla.
156	Flint, Mich.	196	Johnstown, Pa.	207	Tex.	274	Owensboro, Ky.
157	Florence, Ala.	197	Joplin, Mo.	237	Medford, Oreg.	275	Oxnard-Simi Valley-
158	Florence, S.C.	198	Kalamazoo-Portage, Mich.	238	Melbourne-Titusville-		Ventura, Calif.
159	Fort Collins, Colo.	199	Kankakee, III.		Cocoa, Fla.		
160	Fort Lauderdale-Hollywood,	200	Kansas City, MoKans.			276	Panama City, Fla.
	Fla.			239	Memphis, TennArk	277	Parkersburg-Marietta,
		201	Kenosha, Wis.		Miss.		W. VaOhio
161	Fort Myers-Cape Coral, Fla.	202	Killeen-Temple, Tex.	240	Meriden, Conn.	278	Pascagoula-Moss Point,
162	Fort Smith, ArkOkla.	203	Knoxville, Tenn.				Miss.
163	Fort Walton Beach, Fla.	204	Kokomo, Ind.	241	Miami, Fla.	279	Paterson-Clifton-Passaic, N.J.
164	Fort Wayne, Ind.	205	La Crosse, Wis.	242	Midland, Tex.	280	Pensacola, Fla.
165	Fresno, Calif.			243	Milwaukee, Wis.		
		206	Lafayette, La.	244	Minneapolis-St. Paul,	281	Peoria, III.
166	Gadsden, Ala.	207	Lafayette-West Lafayette,		MinnWis.	282	Petersburg-Colonial
167	Gainesville, Fla.		Ind.	245	Mobile, Ala.		Heights-Hopewell, Va.
168	Galveston-Texas City, Tex.	208	Lake Charles, La.			283	Philadelphia, PaN.J.
169	Gary-Hammond-East		Lakeland-Winter Haven,	246	Modesto, Calif.	284	Phoenix, Ariz.
	Chicago, Ind.		Fla.	247	Monroe, La.	285	Pine Bluff, Ark.
170	Glens Falls, N.Y.	210	Lancaster, Pa.	248	Montgomery, Ala.		
				249	Muncie, Ind.	286	Pittsburgh, Pa.
171	Grand Forks, N.Dak	211	Lansing-East Lansing,	250	Muskegon-Norton Shores-	287	Pittsfield, Mass.
•••	Minn.		Mich.		Muskegon Heights, Mich.	288	Ponce, P.R.
172	Grand Rapids, Mich.	212	Laredo, Tex.			289	Portland, Maine
173	Great Falls, Mont.		Las Cruces, N. Mex.	251	Nashua, N.H.	290	Portland, OregWash.
174	Greeley, Colo.		Las Vegas, Nev.	252	Nashville-Davidson, Tenn.		
175	Green Bay, Wis.	215	Lawrence, Kans.	253	Nassau-Suffolk, N.Y.	291	Portsmouth-Dover-
		040		254	New Bedford, Mass.		Rochester, N.HMaine
176	Greensboro-Winston-Salem-	216	Lawrence-Haverhill,	255	New Britain, Conn.	292	Poughkeepsie, N.Y.
,,,	High Point, N.C.	017	MassN.H.			293	Providence-Warwick-
177	Greenville-Spartanburg, S.C.		Lawton, Okla.	<b>25</b> 6	New Brunswick-Perth		Pawtucket, R.IMass.
178	Hagerstown, Md.		Lewiston-Auburn, Maine	0.57	Amboy-Sayreville, N.J.	294	Provo-Orem, Utah
179	Hamilton-Middletown,		Lexington-Fayette, Ky. Lima, Ohio	257	New Haven-West Haven,	295	Pueblo, Colo.
	Ohio	220	Lillia, Unio	250	Conn.		
180	Harrisburg, Pa.	221	Lincoln Mahr	258	New London-Norwich,	296	Racine, Wis.
		222	Lincoln, Nebr. Little Rock-North Little	250	ConnR.I.	297	Raleigh-Durham, N.C.
181	Hartford, Conn.	222	Rock, Ark.	259	New Orleans, La.	298	Reading, Pa.
182	Hickory, N.C.	223	Long Branch-Asbury	260	New York, N.YN.J.	299	Redding, Calif.
183	Honolulu, Hawaii	223	Park, N.J.			300	Reno, Nev.
184	Houston, Tex.	224	Longview-Marshall, Tex.	261	Newark, N.J.	004	D: II IV
185	Huntington-Ashland,	225	Lorain-Elyria, Ohio	262	Newark, Ohio	301	Richland-Kennewick-
.03	W. VaKyOhio	223	Corum Cryma, Omo	263	Newburgh-Middletown,	202	Pasco, Wash.
		226	Los Angeles-Long Beach,	204	N.Y.	302	Richmond, Va.
186	Huntsville, Ala.	220	Calif.	264	Newport News-Hampton,	303	Riverside-San Bernardino-
100	Trufftsville, Ala.		udili.		Va.		Ontario, Calif.

Report		Report	Area	Report	A	Report No.	Area
No.	Area	No.	Alea	No.	Area	140.	Alea
304	Roanoke, Va.	323	San Juan, P.R.	343	State College, Pa.	362	Vineland-Millville-
305	Rochester, Minn.	324	Santa Barbara-Santa	344	Steubenville-Weirton,		Bridgeton, N.J.
			Maria-Lompoc, Calif.		Ohio-W. Va.	363	Visalia-Tulare-Porterville,
306	Rochester, N.Y.	325	Santa Cruz, Calif.	345	Stockton, Calif.		Calif.
307	Rockford, III.					364	Waco, Tex.
308	Rock Hill, S.C.	326	Santa Rosa, Calif.	346	Syracuse, N.Y.	365	Washington, D.CMdVa.
309	Sacramento, Calif.	327	Sarasota, Fla.	347	Tacoma, Wash.	200	Matarbury Conn
310	Saginaw, Mich.	328	Savannah, Ga.	348	Tallahassee, Fla.	366	Waterbury, Conn.
		329	Seattle-Everett, Wash.	349	Tampa-St. Petersburg, Fla.	367	Waterloo-Cedar Falls,
311	St. Cloud, Minn.	330	Sharon, Pa.	350	Terre Haute, Ind.	368	Wausau, Wis.
312	St. Joseph, Mo.					369	West Palm Beach-Boca
313	St. Louis, MoIII.	331	Sheboygan, Wis.	351	Texarkana, Tex	303	Raton, Fla.
314	Salem, Oreg.	332	Sherman-Denison, Tex.		Texarkana, Ark.	370	Wheeling, W. VaOhio
315	Salinas-Seaside-Monterey,	333	Shreveport, La.	352	Toledo, Ohio-Mich.	370	valleeling, va. va. Oillo
	Calif.	334	Sioux City, Iowa-Nebr.	353	Topeka, Kans.	371	Wichita, Kans.
		335	Sioux Falls, S. Dak.	354	Trenton, N.J.	372	Wichita Falls, Tex.
316	Salisbury-Concord, N.C.			355	Tucson, Ariz.	373	Williamsport, Pa.
317	Salt Lake City-Ogden,	336	South Bend, Ind.			374	Wilmington, DelN.JMd.
	Utah	337	Spokane, Wash.	356	Tulsa, Okla.	375	Wilmington, N.C.
318	San Angelo, Tex.	338	Springfield, III.	357	Tuscaloosa, Ala.		,
319	San Antonio, Tex.	339	Springfield, Mo.	358	Tyler, Tex.	376	Worcester, Mass.
320	San Diego, Calif.	340	Springfield, Ohio	359	Utica-Rome, N.Y.	377	Yakima, Wash.
				360	Vallejo-Fairfield-Napa,	378	York, Pa.
321	San Francisco-Oakland,	341	Springfield-Chicopee-		Calif.	379	Youngstown-Warren,
	Calif.		Holyoke, MassConn.				Ohio
322	San Jose, Calif.	342	Stamford, Conn.	361	Victoria, Tex.	380	Yuba City, Calif.



#### **APPENDIXES**

A.	Area Classifications	A-
B.	Definitions and Explanations of Subject Characteristics	B
C.	General Enumeration and Processing Procedures	C
D.	Accuracy of the Data	D
	Facsimiles of Respondent Instructions and Ouestionnaire Pages	
F.	Publication and Computer Tape Program	

#### Introduction

GENERAL	VII
CONTENTS OF THE REPORT	VII
DERIVED FIGURES (Means,	
Medians, and Percents)	VIII
SYMBOLS AND GEOGRAPHIC	
ABBREVIATIONS	VIII
SUPPRESSION OF DATA FOR	
CONFIDENTIALITY	VIII

#### **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 openended 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

### FORT COLLINS, COLO.

STANDARD METROPOLITAN STATISTICAL AREA
HC80-2-159

#### Contents

## Arrangement of Tables

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

Index of Tables—shows the pages on which the tables	Page
for each geographic area appear and the pages on which data for the various race/Spanish origin house-holders appear	. 1>
List of Tables—shows the table numbers and titles for each of the 68 tables	. >
Table Finding Guide—shows the tables in which the various subject cross-classifications presented in the report appear	. XI

#### **INDEX OF TABLES**

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

Area	Prefix Tables 1-13 letter Total				Tables 36-46 American Indian, Eskimo, and Aleut	Tables 47-57 Asian and Pacific Islander	Tables 58-68 Spanish Origin
		Pages	Pages	Pages	Pages	Pages	Pages
SMSA total Fort Collins	A B	1 to 12 13 to 24	=		=	_	=

#### LIST OF TABLES

(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)

#### **TABLES**

- 1. Value of Owner-Occupied Housing Units: 1980
- 2. Gross Rent of Renter-Occupied Housing Units: 1980
- 3. Income and Poverty Status in 1979 of Owner-Occupied Housing Units: 1980
- 4. Income and Poverty Status in 1979 of Renter-Occupied Housing Units: 1980
- 5. Selected Monthly Owner Costs for Mortgaged Housing Units: 1980
- 6. Selected Monthly Owner Costs for Not Mortgaged Housing Units: 1980
- 7. Year Structure Built for Owner- and Renter-Occupied Housing Units: 1980
- 8. Units in Structure for Owner- and Renter-Occupied Housing Units: 1980
- 9. Owner- and Renter-Occupied Housing Units by Size of Household: 1980
- 10. Household Composition and Age of Householder for Owner- and Renter-Occupied Housing Units: 1980
- 11. Age and Sex of Householder in One-Person Households for Owner- and Renter-Occupied Housing Units: 1980
- 12. Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1980
- 13. Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1980
- 14. Value of Owner-Occupied Housing Units With a White Householder: 1980
- 15. Gross Rent of Renter-Occupied Housing Units With a White Householder: 1980
- 16. Income and Poverty Status in 1979 of Owner-Occupied Housing Units With a White Householder: 1980
- 17. Income and Poverty Status in 1979 of Renter-Occupied Housing Units With a White Householder: 1980

#### **TABLES**

- 18. Selected Monthly Owner Costs for Mortgaged Housing Units With a White Householder: 1980
- 19. Selected Monthly Owner Costs for Not Mortgaged Housing Units With a White Householder: 1980
- 20. Year Structure Built for Owner- and Renter-Occupied Housing Units With a White Householder: 1980
- 21. Units in Structure for Owner- and Renter-Occupied Housing Units With a White Householder: 1980
- 22. Owner- and Renter-Occupied Housing Units With a White Householder by Size of Household: 1980
- 23. Household Composition and Age of Householder for Owner- and Renter-Occupied Housing Units With a White Householder: 1980
- 24. Age and Sex of Householder in One-Person Households for Owner- and Renter-Occupied Housing Units With a White Householder: 1980
- 25. Value of Owner-Occupied Housing Units With a Black Householder: 1980
- 26. Gross Rent of Renter-Occupied Housing Units With a Black Householder: 1980
- 27. Income and Poverty Status in 1979 of Owner-Occupied Housing Units With a Black Householder: 1980
- 28. Income and Poverty Status in 1979 of Renter-Occupied Housing Units With a Black Householder: 1980
- 29. Selected Monthly Owner Costs for Mortgaged Housing
  Units With a Black Householder: 1980
- 30. Selected Monthly Owner Costs for Not Mortgaged Housing
  Units With a Black Householder: 1980
- 31. Year Structure Built for Owner- and Renter-Occupied Housing Units With a Black Householder: 1980
- 32. Units in Structure for Owner- and Renter-Occupied Housing Units With a Black Householder: 1980
- 33. Owner- and Renter-Occupied Housing Units With a Black Householder by Size of Household: 1980
- 34. Household Composition and Age of Householder for Owner- and Renter-Occupied Housing Units With a Black Householder: 1980
- 35. Age and Sex of Householder in One-Person Households for Owner- and Renter-Occupied Housing Units With a Black Householder: 1980

#### **TABLES**

- 36. Value of Owner-Occupied Housing Units With an American Indian, Eskimo, or Aleut Householder: 1980
- 37. Gross Rent of Renter-Occupied Housing Units With an American Indian, Eskimo, or Aleut Householder: 1980
- 38. Income and Poverty Status in 1979 of Owner-Occupied Housing Units With an American Indian, Eskimo, or Aleut Householder: 1980
- 39. Income and Poverty Status in 1979 of Renter-Occupied Housing Units With an American Indian, Eskimo, or Aleut Householder: 1980
- 40. Selected Monthly Owner Costs for Mortgaged Housing Units With an American Indian, Eskimo, or Aleut Householder: 1980
- 41. Selected Monthly Owner Costs for Not Mortgaged Housing Units With an American Indian, Eskimo, or Aleut Householder: 1980
- 42. Year Structure Built for Owner- and Renter-Occupied Housing Units With an American Indian, Eskimo, or Aleut Householder: 1980
- 43. Units in Structure for Owner- and Renter-Occupied Housing Units With an American Indian, Eskimo, or Aleut Householder: 1980
- 44. Owner- and Renter-Occupied Housing Units With an American Indian, Eskimo, or Aleut Householder by Size of Household: 1980
- 45. Household Composition and Age of Householder for Owner- and Renter-Occupied Housing Units With an American Indian, Eskimo, or Aleut Householder: 1980
- 46. Age and Sex of Householder in One-Person Households for Owner- and Renter-Occupied Housing Units With an American Indian, Eskimo, or Aleut Householder: 1980
- 47. Value of Owner-Occupied Housing Units With an Asian or Pacific Islander Householder: 1980
- 48. Gross Rent of Renter-Occupied Housing Units With an Asian or Pacific Islander Householder: 1980
- 49. Income and Poverty Status in 1979 of Owner-Occupied Housing Units With an Asian or Pacific Islander Householder: 1980
- 50. Income and Poverty Status in 1979 of Renter-Occupied Housing Units With an Asian or Pacific Islander Householder: 1980
- 51. Selected Monthly Owner Costs for Mortgaged Housing
  Units With an Asian or Pacific Islander Householder:
  1980

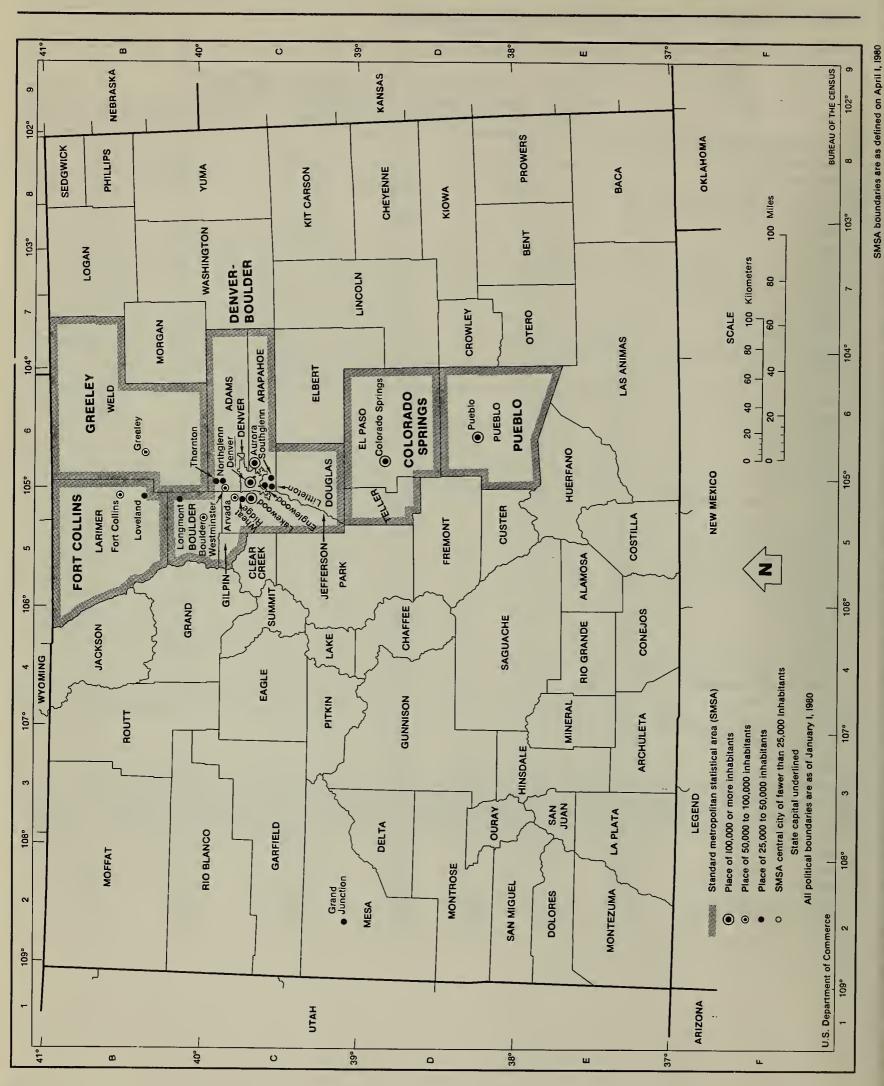
#### **TABLES**

- 52. Selected Monthly Owner Costs for Not Mortgaged Housing Units With an Asian or Pacific Islander Householder: 1980
- 53. Year Structure Built for Owner- and Renter-Occupied Housing Units With an Asian or Pacific Islander Householder: 1980
- 54. Units in Structure for Owner- and Renter-Occupied Housing Units With an Asian or Pacific Islander Householder: 1980
- 55. Owner- and Renter-Occupied Housing Units With an Asian or Pacific Islander Householder by Size of Household: 1980
- 56. Household Composition and Age of Householder for Owner- and Renter-Occupied Housing Units With an Asian or Pacific Islander Householder: 1980
- 57. Age and Sex of Householder in One-Person Households for Owner- and Renter-Occupied Housing Units With an Asian or Pacific Islander Householder: 1980
- 58. Value of Owner-Occupied Housing Units With a Spanish Origin Householder: 1980
- 59. Gross Rent of Renter-Occupied Housing Units With a Spanish Origin Householder: 1980
- 60. Income and Poverty Status in 1979 of Owner-Occupied Housing Units With a Spanish Origin Householder: 1980
- 61. Income and Poverty Status in 1979 of Renter-Occupied Housing Units With a Spanish Origin Householder: 1980
- 62. Selected Monthly Owner Costs for Mortgaged Housing Units With a Spanish Origin Householder: 1980
- 63. Selected Monthly Owner Costs for Not Mortgaged
  Housing Units With a Spanish Origin Householder: 1980
- 64. Year Structure Built for Owner- and Renter-Occupied Housing Units With a Spanish Origin Householder: 1980
- 65. Units in Structure for Owner- and Renter-Occupied Housing Units With a Spanish Origin Householder: 1980
- 66. Owner- and Renter-Occupied Housing Units With a Spanish Origin Householder by Size of Household: 1980
- 67. Household Composition and Age of Householder for Owner- and Renter-Occupied Housing Units With a Spanish Origin Householder: 1980
- 68. Age and Sex of Householder in One-Person Households for Owner- and Renter-Occupied Housing Units With a Spanish Origin Householder: 1980

## **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 Candominium	_ 1	_ 2	3	- 4	- 5	- 6
UTILIZATION CHARACTERISTICS Rooms	1 - 1 1	2 - 2 2	- - - 3	_ _ _ 4	5 5 - 5	6 6 - 6
STRUCTURAL CHARACTERISTICS Units in structure	_ 1 _	2 2 2			_ 5 _	- 6 -
PLUMBING CHARACTERISTICS Plumbing facilities	1	2	3	4	-	-
EQUIPMENT AND FUELS  Heating equipment	1 1 - -	2 2 - - -	3 3 3 3	4 4 4 4	5 5 - 5	6 6 - 6
FINANCIAL CHARACTERISTICS  Value	- -	<u>-</u> -	-	_	5 -	6 -
monthly owner costs	_ _ _ _	- - - -	3 - - -	_ _ 4 4	5 - -	6 -
Rent asked	- -	2	-	4	-	-
household income	1	_	3	-	_	_
HOUSEHOLD CHARACTERISTICS Household type by age of householder	1 1 1	2 - 2	3 - -	4 -	5 - -	6 - -
The table numbers listed above show data the race or Spanish origin group, or if the gr						
White	14 25	15 26	16 27	17 28	18 29	19 30
Aleut	36 47 58	37 48 59	38 49 60	39 50 61	40 51 62	41 52 63

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	_ 7	8 8	_		_ _	_	=
UTILIZATION CHARACTERISTICS Rooms	7 7 - 7	8 - 8 8	9 - - 9	- 10 - -	1111	12 - 12 12	- - 13 -
STRUCTURAL CHARACTERISTICS Units in structure	7 - -	- - -	9 - -	- - -	11 - -	12 12 -	13 13 —
PLUMBING CHARACTERISTICS Plumbing facilities	7	8	9	10	11	12	13
EQUIPMENT AND FUELS  Heating equipment	7 7 - 7 -	8 8 8 8	- - - -	- - - -	- - -	12 - - - -	- - - -
FINANCIAL CHARACTERISTICS  Value	_		9 -	_	- - 11	12	=
Selected monthly owner costs as percentage of household income	_ 	-	9 - 9	- - -	11 - 11	- - - 12	<u>-</u> -
Gross rent as percentage of household income Mortgage status and selected monthly owner costs as percentage of household income	-	-	9	10	11	-	-
HOUSEHOLD CHARACTERISTICS Household type by age of householder	7 7 7	8 8 8	_ 9 9		- 11 11		=
The table numbers listed above show data the race or Spanish origin group, or if the gr	for all househ oup comprises	olds. Similar of 10 percent of	lata are showr f the area pop	n in the tables listed ulation. For furthe	d below when there er explanation, see t	are 10,000 or in the Introduction	nore persons of n on page VII.
White	20 31 42	21 32 43	22 33 44	23 34 45	24 35 46	-	=
Asian and Pacific Islander	53 64	54 65	55 66	56 67	57 68	-	

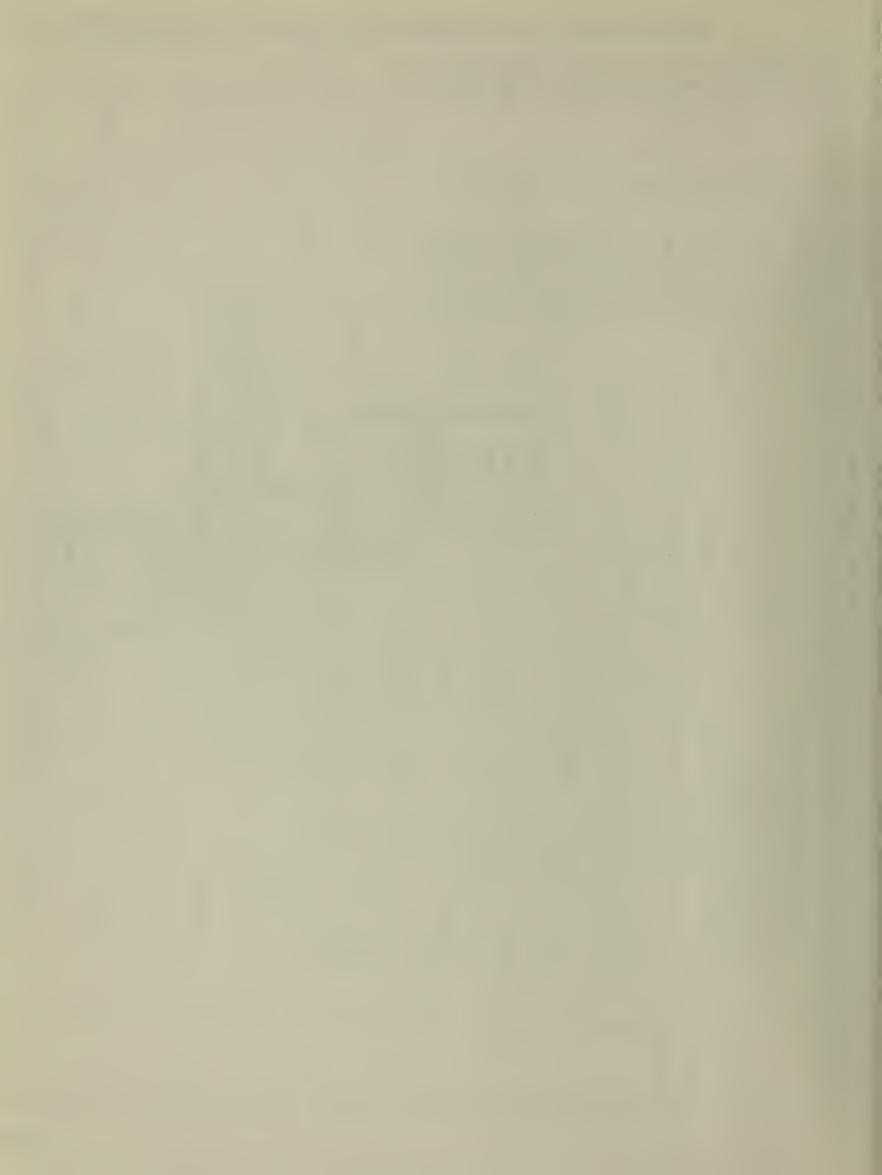


#### CORRECTION NOTE

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

#### NOTE TO USERS:

- In tables where the median age for total persons in owner-occupied and renter-occupied housing units is shown as -85+, the correct entry should be three dots (...).
- 2. 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 B1

	(Data are estimat	es pasea on	a sample, see	Introduction	. For meaning	g or symbols,	see infroduc	tion. For det	nitions of ter	ms, see append	lixes A ond Bj		
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 mare	Median (dollors)	Mean (dollars)
Specified owner-occupied housing units	26 156	150	227	566	1 126	2 929	4 533	9 597	3 902	2 542	584	66 300	71 700
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER Married-couple families	20 619	60	119	366	690	1 811	3 365	7 927	3 439	2 302	540	68 900	74 900
15 to 24 years	541 5 743 5 176 6 418 2 741 1 959 236 868 354 282 219	- 3 17 10 30 <b>59</b> 38 - 13 6	- 11 1 49 58 <b>26</b> - - 8 5 5	31 25 40 90 180 <b>42</b> - 1	20 95 51 259 265 <b>138</b> 8 59 13 23 35	100 525 213 479 494 <b>329</b> 57 148 49 27	198 1 129 651 841 546 <b>441</b> 43 269 77 45	174 2 658 1 972 2 373 750 665 82 297 102 102 82	13 845 1 143 1 228 210 144 8 55 48 33	5 384 923 805 185 101 - 39 44 18	68 165 284 23 <b>14</b> -	56 600 66 400 76 200 72 200 55 000 58 800 54 700 58 400 61 900 62 500 44 400	56 200 71 100 83 800 79 300 59 400 61 200 50 500 62 600 66 700 66 100 52 200
Fernole householder, no husband present  15 to 24 years  25 to 34 years  35 to 44 years  45 to 64 years  65 years and over  Median age  YEAR HOUSEHOLDER MOVED INTO UNIT	3 578 117 478 554 984 1 445 43.1	31 - - - 11 20 58.3	82 - 13 23 46 65.6	158 5 10 20 58 65 64.1	298 - 11 31 43 213 62.7	789 18 118 64 186 403 50.4	727 55 113 106 187 266 39.8	1 005 34 184 212 275 300 40.2	319 - 24 88 116 91 42.3	139 5 11 20 68 35 43.1	30 - 7 - 17 6 47.1	55 900 56 600 59 000 64 100 59 000 49 400	59 000 59 300 61 600 63 900 64 300 52 800
1979 to March 1980	5 415 10 053 4 467 3 840 2 381	23 48 16 25 38	17 40 15 59 96	53 105 97 104 207	82 249 168 305 322	461 844 544 522 558	926 1 859 691 629 428	2 161 4 103 1 598 1 256 479	978 1 579 705 487 153	551 1 010 530 356 95	163 216 103 97 5	69 200 67 800 69 000 63 800 49 400	76 300 74 000 73 500 69 100 52 400
ROOMS 1 to 3 rooms 4 rooms 5 rooms 6 rooms 7 rooms 8 or more rooms Medion	474 1 953 4 898 5 386 5 050 8 395 6.6	51 67 23 9 - - 3.9	45 134 30 3 12 3 4.0	39 205 215 80 18 9 4.7	109 270 371 248 76 52 5.0	59 556 1 245 644 243 182 5.2	72 290 1 350 1 356 842 623 5.9	62 337 1 256 2 071 2 448 3 423 6.9	28 52 312 562 1 004 1 944 7.5	9 26 91 352 332 1 732 8.3	- 16 5 61 75 427 8.5+	39 600 44 000 53 600 62 300 70 300 79 500	43 100 47 100 55 800 66 500 74 400 90 000
BEDROOMS None	18 580 5 286 12 361 6 254 1 657	- 49 95 - 6	5 51 156 12 3 -	52 372 140 2	7 91 564 379 71 14	122 1 330 1 277 179 21	95 1 185 2 600 516 137	6 83 1 149 5 035 2 763 561	21 249 1 883 1 338 411	- 16 133 869 1 116 408	53 166 260 105	37 900 42 700 50 900 65 200 77 400 83 500	40 600 44 400 53 500 70 300 86 700 93 700
YEAR STRUCTURE BUILT 1975 to March 1980	8 314 4 938 5 297 2 946 1 135 3 526	13 23 32 42 6 34	23 15 14 16 17 142	72 51 15 105 64 259	57 72 126 232 171 468	446 321 498 569 293 802	1 173 753 1 049 660 250 648	3 491 2 120 2 133 916 239 698	1 647 886 794 199 73 303	1 094 616 515 164 22 131	298 81 121 43 - 41	73 300 71 400 67 300 57 600 50 600 50 700	80 900 76 200 73 700 61 700 53 500 55 000
HOUSEHOLD INCOME IN 1979 Less than \$5,000	1 275 2 132 1 464 1 618 3 898 4 317 6 184 3 571 1 697 \$22 849 \$25 573	42 54 26 6 1 3 12 6 - \$7 230 \$10 171	37 78 56 26 20 2 5 3 - \$9 779 \$9 859	62 135 93 51 126 51 48  \$12 312 \$13 344	136 280 84 116 211 153 86 53 7 \$13 858 \$15 036	317 494 223 354 597 427 365 101 51 \$15 601 \$16 953	236 414 359 354 1 005 863 918 303 81 \$19 510 \$20 567	285 413 405 568 1 348 1 924 2 935 1 297 422 \$24 557 \$25 846	79 168 143 84 354 598 1 125 918 433 \$28 867 \$32 283	66 77 47 59 218 244 615 746 470 \$34 040 \$36 669	15 19 28 - 18 52 75 144 233 \$43 524 \$52 305	51 700 50 600 56 900 56 700 59 900 65 400 70 400 80 400 92 000	55 700 54 500 59 500 58 400 63 400 69 300 75 200 88 100 106 600
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979 With a mortgage Less than 15 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 15 to 19 percent 10 to 14 percent 15 to 19 percent 20 to 24 percent 20 to 24 percent 35 percent or more Not mortgaged Less than 10 percent 15 to 19 percent 30 to 34 percent 25 to 29 percent 30 to 34 percent 35 percent or more Not computed Median	20 244 4 555 3 904 3 418 2 656 1 928 3 757 26 22.4 5 912 2 623 1 375 557 369 290 167 494 37 11.1	19 6 7 32.9 131 53 39 6 4 7 7 22	49 15 1 7 - 5 21 - 31.5 178 68 53 14 14 26 - 3	151 48 22 36 19 7 19 20.8 415 176 120 46 28 19 7 7	534 183 96 60 49 36 110 - 19.4 592 174 152 95 66 23 12 70 - 14.0	1 855 364 314 259 175 389 - 23.3 1 074 360 245 97 127 66 54 121 4 13.6	3 559 651 682 569 519 408 714 16 23.9 974 424 156 156 35 104 -	8 070 1 751 1 505 1 526 1 059 796 1 423 10 22.5 1 527 770 402 105 68 32 39 92 19	3 427 815 756 493 444 304 615 	2 130 580 407 368 247 167 361 - 21.1 412 218 115 8 15 26	450 142 81 45 60 24 98 - 20.2 134 75 5 6 6 6	68 900 71 400 69 400 67 000 66 500 68 200 57 000 55 400 61 200 50 900 43 000 50 700 49 700 51 900 78 300	74 800 77 700 75 300 73 400 74 100 71 900 74 400 59 000 66 200 66 200 59 600 52 300 50 600 56 700 53 500 91 100
SELECTED CHARACTERISTICS 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 Heating equipment Central heating system Air conditioning Central system Income in 1979 below poverty level Percent below poverty level	26 072 135 84 55 26 156 24 813 4 663 2 496 1 096 4.2	147 1 3 - 150 119 24 18 46 30.7	193 	544 25 22 566 467 53 22 38 6.7	1 113 	2 929 36 	4 533 18 - 4 533 4 332 857 272 195 4.3	9 591 49 6 - 9 597 9 288 1 593 914 297 3.1	3 896 6 6 7 3 902 3 733 787 534 85 2.2	2 542 - 2 542 2 484 624 480 71 2.8	584 - - 584 573 127 119 15 2.6	66 400 53 400 25 700 18 800 66 300 66 800 69 900 77 900 55 300	71 800 53 200 29 900 18 800 71 700 72 500 76 300 86 500 59 000

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

[Doto are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and 8]

The SMSA	Total	Less than \$100	\$100 to \$149	\$150 to \$199	\$200 ta \$249	\$250 ta \$299	\$300 ta \$349	\$350 to \$399	\$400 to \$499	\$500 ar mare	Na cash rent	Median (dollors)
Specified renter-occupled housing units	18 546	736	1 024	3 048	3 485	3 301	2 305	1 570	1 613	885	579	260
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER Married-couple families  15 ta 24 years 25 to 34 years 35 ta 44 years 45 to 64 years 65 years and over 25 to 34 years 25 to 34 years 25 to 44 years 25 to 44 years 45 to 64 years 45 to 64 years 45 to 64 years 45 to 64 years 25 to 34 years 45 to 64 years 45 to 64 years 25 to 34 years 25 years and over Female householder, no husband present 15 to 24 years 25 to 34 years 25 to 34 years 25 to 34 years 45 to 64 years 46 to 64 years 47 to 64 years 48 to 64 years 49 to 64 years	6 318 1 387 2 764 833 802 5 572 2 541 2 096 354 326 2 491 1 735 453 677 1 300 28.2	50 - 3 8 15 24 187 21 77 72 22 13 54 499 48 47 12 60 332 67.2	198 27 43 - 30 98 281 86 86 35 27 47 545 135 158 20 50 182 34.1	1 003 366 406 62 91 78 884 361 323 68 82 2 50 1 161 358 349 34 160 260 27.9	835 256 350 92 65 72 1 204 562 489 80 15 1 446 599 384 104 131 228 26.8	1 154 322 596 39 94 103 952 425 429 429 77 1 195 586 352 94 60 103 26.7	972 251 460 76 137 48 627 343 189 40 12 706 300 199 52 74 81 27.4	654 89 307 123 102 33 495 263 158 25 28 21 421 233 85 31 46 26 27.7	839 40 386 266 125 22 474 186 234 30 14 10 300 115 97 41 31 16 30.8	340 - 139 92 97 12 348 221 83 30 14 - 197 98 40 43 8 8 8 8 7 61	273 36 74 75 46 42 120 73 28 19 19 186 19 24 22 57 64 39.2	292 255 296 391 330 234 258 272 256 245 234 160 234 257 239 278 210
1975 to 1978	4 957 848 344 146	381 79 43 7	284 102 35 33	979 208 67 54	970 123 73 10	997 118 17	452 83 6 21	257 257 41 6	343 10 - -	112 - 8 4	182 84 89 17	276 240 199 186 181
1 raom	587 1 492 3 002 6 927 3 458 1 543 1 537 4.1	142 212 231 103 34 2 12 2.6	109 265 301 222 93 20 14 3.0	220 460 872 1 202 226 40 28 3.5	45 328 885 1 501 513 159 54 3.8	39 66 352 1 948 691 169 36 4.1	16 55 215 1 107 599 186 127 4.3	- 63 61 505 565 230 146 4.8	- 29 10 159 491 442 482 5.8	11 - 10 28 89 215 532 6.8	5 14 65 152 157 80 106 4.8	159 178 203 259 308 384 462
PLUMBING FACILITIES BY PERSONS PER ROOM AND POVERTY STATUS IN 1979 All income levels in 1979 Complete plumbing for exclusive use	18 546 18 277 11 694 6 128 319 136 269 125 130 9 5 4 336 4 221 162 115	736 637 474 163 - 99 39 60 - - - 382 333 - 49	1 024 982 669 291 - - 22 42 20 22 - - - 298 265 - 33	3 048 2 999 1 952 961 43 49 26 17 6 - 821 802 19	3 485 3 441 2 527 815 50 49 44 34 10  734 729 47 5	3 301 3 296 2 162 1 084 36 14 5 - - - 646 646	2 305 2 305 1 412 824 69 - - - - 487 487 48	1 570 1 570 838 702 30 	1 613 1 603 834 709 52 8 10 - 10 - 250 244 16 6	885 885 414 452 19 	579 559 412 127 20 - 20 6 6 6 3 5	260 262 250 285 315 202 129 150 105 195 - - 240 243 300 113
1.01 or more persons per room  BEDROOMS  None	718 4 236 9 167 3 409 751 265	198 410 90 26 12	150 571 209 80 8	240 1 385 1 315 95 7	59 1 129 1 992 287 18	39 298 2 561 373 25	16 199 1 543 503 36	95 786 646 43	39 383 895 228 68	11 12 48 329 334 151	5 98 240 175 40 21	152 190 266 370 491 500+
UNITS IN STRUCTURE  1, detached or attached  2  3 and 4  5 ta 9  10 to 49  50 or more  Mobile home or trailer, etc.	5 879 2 181 2 065 1 802 4 175 1 531 913	67 20 21 20 249 355 4	230 101 89 177 181 169	537 297 286 462 1 061 266 139	702 331 387 546 1 092 194 233	639 412 589 263 968 172 258	765 451 375 170 302 182 60	700 339 151 66 175 108 31	1 179 145 111 57 68 45 8	755 56 38 15 5 16	305 29 18 26 74 24 103	340 290 274 221 224 186 240
YEAR STRUCTURE BUILT 1975 to March 1980	3 865 4 225 4 699 1 988 1 209 2 560	271 158 111 3 33 160	144 174 158 125 126 297	243 573 876 506 313 537	423 940 1 214 338 149 421	732 920 937 251 172 289	596 661 466 204 114 264	437 331 328 162 122 190	644 269 229 205 92 174	335 96 200 117 44 93	40 103 180 77 44 135	308 261 246 247 238 227
1 to 3 4 ar more With elevotar GROSS RENT AS PERCENTAGE OF HOUSEHOLD	18 051 495 415	596 140 112	947 77 72	2 989 59 27	3 454 31 16	3 277 24 24	2 234 71 71	1 529 41 41	1 587 26 26 26	880 5 5	558 21 21	261 164 173
INCOME IN 1979 Less than 15 percent 15 ta 19 percent 20 to 24 percent 25 to 29 percent 30 to 34 percent 35 to 49 percent 50 percent ar more Not camputed Median	1 925 2 615 2 666 2 226 1 714 2 992 3 626 782 28.8	127 168 154 115 42 86 27 17 22.1	155 173 109 145 109 192 126 15 27.3	427 473 375 330 199 540 643 61 28.3	460 526 511 420 272 520 744 32 27.7	357 422 576 401 321 574 642 8 28.6	172 259 368 245 326 341 575 19 31.5	101 228 214 263 184 236 324 20 29.4	73 256 244 216 185 302 312 25 30.1	53 110 115 91 76 201 233 6 34.6	579	229 247 263 262 287 265 270 228
SELECTED CHARACTERISTICS Heating equipment Central heating system Air conditioning Central system	18 546 17 069 5 143 1 508	<b>736</b> 677 <b>79</b> 8	1 024 823 169 48	3 048 2 613 507 139	3 485 3 245 1 313 334	3 301 3 092 1 465 383	2 305 2 185 714 237	1 570 1 527 368 110	1 613 1 548 285 129	885 853 76 52	579 506 167 68	260 265 264 274

#### Table A=3. Income and Poverty Status in 1979 of Owner-Occupied Housing Units: 1980

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

_					Н	ousehold incor	ne in 1979						
The SMSA				\$10,000	\$12,500	\$15,000	\$20,000	\$25,000	\$35,000				Income in 1979 below
	Total	Less than \$5,000	\$5,000 to \$9,999	to \$12,499	to \$14,999	to \$19,999	\$24,999	to \$34,999	to \$49,999	\$50,000 or more	Medion (dollors)	Meon (dollors)	poverty level
Owner-occupied housing units	34 764	2 157	3 413	2 259	2 313	5 378	5 315	7 520	4 281	2 128	21 579	24 343	1 904
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families	<b>25 974</b> 881	<b>519</b> 29	1 <b>804</b> 99	1 383 89	1 481 131	3 988 228	<b>4 322</b> 190	6 <b>599</b> 93	<b>3 955</b> 10	1 <b>923</b> 12	<b>24 336</b> 16 700	<b>27 265</b> 17 375	656 39
25 to 34 years	6 985 6 221	110 42	287 127	277 124	348 109	1 460 733	1 625 1 061	1 965 2 120	654 1 275	259 630	22 780 28 916	24 673 32 235	183 92
45 to 64 years65 years and over	8 285 3 602 <b>3 431</b>	201 137 <b>413</b>	382 909 <b>399</b>	367 526 <b>254</b>	356 537 <b>277</b>	991 576	1 137 309	2 110 311	1 844 172	897 125	28 308 13 566	31 179 17 123	228 114
Male householder, no wife present	605	112 84	128 99	111 62	54 116	601 99 279	516 33 300	<b>582</b> 51 252	245 5 108	134 12 45	18 220 11 408 20 568	20 136 13 649 21 934	383 158 87
35 to 44 years 45 to 64 years	569 570	13	33 79	50 19	35 31	105 90	97 67	150 104	38 85	48 29	22 165 20 000	25 206 23 111	25 51
65 years and over Female hauseholder, no husband present	342 5 359	138 1 225	60 1 210	22 <b>612</b>	41 555	28 <b>789</b>	19 <b>477</b>	25 <b>339</b>	9 <b>81</b>	71	7 062 10 999	11 147 12 876	62 865
15 to 24 years 25 to 34 years	311 836	99 120	63 142	130	57 145	40 172	5 76	14 31	11	14	9 420 12 948	10 932 13 383	96 162
35 to 44 years	807 1 485 1 920	79 212 715	158 304 543	112 174 174	141 147 65	170 245 162	104 186 106	33 153 108	5 39 20	5 25 27	13 466 13 393 7 252	13 964 15 270	95 209
65 years and over Median age	43.2	62.4	61.8	53.2	46.2	38.1	37.7	40.5	45.2	45.6		10 660	303 <b>45.9</b>
YEAR HOUSEHOLDER MOVED INTO UNIT	8 067	387	701	578	604	1 420	1 425	1 412	070	401	20.004	02 (02	425
1975 to 1978	13 150 5 913	573 286	721 1 082 511	668 439	835 346	1 430 2 171 826	1 435 2 199 843	1 613 3 218 1 412	878 1 612 802	421 792 448	20 886 22 566 23 330	23 692   24 939 26 691	435   635   271
1960 to 1969	4 680 2 954	432 479	495 604	238 336	360 168	610 341	527 311	913 364	704 285	401 66	21 824 13 363	25 101 17 567	283 280
SELECTED CHARACTERISTICS										-			300
Complete plumbing for exclusive use	<b>34 614</b> 368	2 120 21	<b>3 381</b> 49	<b>2 227</b> 25	2 307	<b>5 3</b> 65 97	5 <b>312</b> 36	<b>7 515</b> 82	<b>4 265</b> 31	2 122 16	<b>21 618</b> 18 241	24 383 21 373	1 872 59
Locking complete plumbing for exclusive use 1.01 or more persons per room	150 24	37 -	<b>32</b> 9	32 -	<b>6</b> 6	13	<b>3</b>	5 -	16 6	6	10 469 13 750	15 172 20 674	<b>32</b> 5
Central heating system	<b>34 764</b> 32 767	<b>2 157</b> 1 878	3 413 3 105	2 259 2 088	2 313 2 164	<b>5 378</b> 5 003	5 315 5 072	<b>7 520</b> 7 217	4 281 4 135	2 128 2 105	<b>21 579</b> 21 918	24 343 24 751	1 904 1 658
Air conditioning	7 755 4 319 34 065	502 271 1 765	<b>856</b> 439 <b>3 218</b>	<b>525</b> 296 <b>2 227</b>	579 274 2 286	1 096 510 5 367	993 515 <b>5 296</b>	1 613 938 7 503	948 643 4 275	643 433 2 128	21 372 23 217 21 846	25 327 27 477 24 707	416 203
Vehicles available	7 799 26 266	1 096	1 707 1 511	855 1 372	929 1 357	1 323 4 044	871 4 425	702 6 801	218 4 057	98 2 030	13 150 24 695	14 938 27 607	1 <b>647</b> 793 854
House heating fuel	34 764 28 080	<b>2 157</b>	3 413 2 791	2 259 1 876	2 313 1 861	5 <b>378</b> 4 208	5 315 4 221	7 520 6 110	4 281 3 520	2 128 1 732	21 579 21 706	24 343 24 425	1 904 1 528
Bottled, tonk, or LP gos Electricity	1 879 3 796	185 134	183 330	128 209	140 255	350 632	226 666	361 853	190 470	116 247	19 215 21 <b>9</b> 43	22 408 25 289	158 135
Fuel oil, kerosene, etcOther	83 926	10 67	12 97	46	57	188	12 190	28 168	6 95	15 18	30 368 20 172	32 211 21 196	4 79
Specified awner-occupied housing units	6.2 26 156	4.8 1 275	5.0 2 132	5.4 1 464	5.3 1 618	5.8 3 898	6.3 4 317	6.9	7.5 3 571	7.9 1 697	22 849	25 573	1 096
MORTGAGE STATUS AND SELECTED MONTHLY	20 130	1 2/3	2 132	1 707	1 010	3 0,0	7 317	0 104	3 3/1	1 077	22 047	13 373	1 0,0
OWNER COSTS With a mortgage	20 244	508	904	904	1 121	3 164	3 738	5 402	3 051	1 452	24 672	27 455	629
Less than \$200 \$200 to \$249	635	77 23	83 119	55 75	78 99	153	99 121	75 290	8 149	7 45	15 600 20 212	15 930 23 296	71 29
\$250 to \$299 \$300 to \$349	1 713 2 211	74 75	104 147	146 129	180 173	265 258 350	266 455	458 556	189 225	38 101	21 147 22 194	22 654 23 968	71 104
\$350 to \$399 \$400 to \$499	2 378 4 607	76 86	116 117	114 142	142 257	437 809	440 961	1 307	302 616	143 312	23 110 24 415	25 560 27 844	95 118 58
\$500 to \$599 \$600 to \$749 \$750 or more	3 299 2 810 1 405	44 37 16	68 95 55	117 90 36	74 76 42	469 320 103	733 479 184	957 841 310	564 606 392	273 266 267	25 985 27 862 30 106	29 052 30 791 39 024	62 21
Median	\$441	\$353	\$350	\$371	\$361	\$413	\$454	\$453	\$506	\$529	•••	•••	\$371
Net martgaged Less than \$50	5 912 62	<b>767</b> 23 77	1 228 20	560	<b>497</b> 19	734 - 6	579	<b>782</b> - 21	520 - 12	<b>245</b> -	1 <b>4 517</b> 6 000 7 280	19 131 7 142 10 237	467 19 53
\$50 to \$74 \$75 to \$99 \$100 to \$124	320 997 1 196	207 202	149 323 291	32 84 187	15 117 58	119 141	78 113	40 119	29 60	25	9 478 11 404	11 916 15 347	119
\$125 to \$149 \$150 to \$199	1 215 1 548	101 112	167 186	128 88	109 157	181 240	166 162	219 280	109 238	35 85	17 977 19 808	20 355 24 092	102 54 83 17
\$200 to \$249 \$250 or more	354 220	25 20	58 34	30 11	22	32 15	40 12	62 41	24 48	61 39	20 758 29 464	25 849 36 248	20
Median	\$133	\$109	\$110	\$122	\$134	\$139	\$139	\$149	\$161	\$187	•••	•••	\$110
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD													
INCOME IN 1979 With a mortgage	20 244	508	904	904	1 121	3 164	3 738	5 402	3 051	1 452	24 672	27 455	629
Less than 15 percent	4 555 3 <b>9</b> 04	-	4	12 9	21 108	199 387	325 731	1 423 1 542	1 365 935	1 206 192 38	37 238 29 325	43 011 30 676 26 196	14
20 to 24 percent	3 418 2 656	5	32 50 60	84 108 123	151 184 214	502 611 609	852 747 606	1 301 719 273	458 221 43	11	25 553 22 295 19 660	23 393 19 968	24 19
30 to 34 percent 35 percent or more Not computed	1 928 3 757 26	477 26	758	568	443	856	477	144	29	5	12 926 2500—	13 329 -4 796	542 26
Medion	22.4 5 <b>912</b>	50+ 767	50+ 1 228	41.0 <b>560</b>	32.3 <b>497</b>	29.0 <b>734</b>	24.8 <b>579</b>	19.1 <b>782</b>	15.9 <b>520</b>	10.7 <b>245</b>	14 517	19 131	50+ 467
Not mortgaged	2 623 1 375	6 4	64 324	86 304	186 220	348 345	472 99	700 75	516 4	245	26 460 13 131	30 940 14 123	6 5
15 to 19 percent	557 369	26 87	298 233	116 19	76 15	26 15	8 -	7	-		9 247 6 <b>919</b>	9 866 7 305	11 26
25 to 29 percent	290 167	102 <b>94</b>	164 62	24 11	Ξ	-	_	-	-	Ξ	6 120 4 721	6 063 5 547	26 52 22 308
35 percent or more Not computed	494 37	411 37	83	- 12 2	-	-	-	-	10	- - 10-	3 306 2500—	3 444 -1 266	308 37 48,6
Medion	11.1	37.7	18.8	13.2	11.4	10.3	10-	10—	10-	10—	•••	•••	40.0

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

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

0.00					Но	ousehold incar	me in 1979						
The SMSA	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 ta \$12,499	\$12,500 ta \$14,999	\$15,000 ta \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 ar mare	Medion (dallars)	Meon (dallors)	Income in 1979 below poverty level
Renter-occupied housing units	19 322	3 766	4 791	2 529	2 038	2 785	1 558	1 229	513	113	11 091	12 845	4 460
Morried-couple families  15 to 24 years 25 to 34 years 35 to 44 years 45 to 64 years 65 years and over Male householder, no wife present 15 to 24 years	6 870 1 413 2 937 976 962 582 5 721 2 579	435 118 218 48 42 9 960 450	1 348 368 465 138 104 273 1 470 702	921 291 371 115 86 58 843 465	770 170 363 75 102 60 694 330	1 365 241 667 209 178 70 793 316	894 134 455 127 135 43 416 137	<b>793</b> 83 312 186 185 27 <b>307</b> 102	275 8 80 52 93 42 194 73	69 - 6 26 37 - 44 4	14 873 11 894 15 371 17 815 19 055 10 388 11 277 10 739	16 645 13 038 16 163 19 665 21 817 14 217 13 045 11 933	679 166 306 119 83 5 1 316 868
25 to 34 years 35 to 44 years 45 to 64 years 65 years ond over Femole householder, no husband present 15 to 24 years 25 to 34 years 35 to 44 years 45 to 64 years 65 years and over Median age	2 161 375 334 272 6 731 2 517 1 757 460 683 1 314 28.4	236 76 60 138 2 371 837 436 112 255 731 28.8	577 50 70 71 1 973 804 562 89 201 317 27.3	262 54 50 12 <b>765</b> 322 219 84 43 97 <b>26.5</b>	276 42 30 16 <b>574</b> 194 64 57 65 <b>27.8</b>	362 50 52 13 <b>627</b> 214 214 70 83 46 <b>28.7</b>	212 52 15 	155 21 19 10 <b>129</b> 27 47 6 6 43 <b>32.8</b>	62 17 30 12 44 20 18 6 -	19 13 8  - - - - - - 42.0	12 550 12 946 11 850 4 960 6 995 7 133 8 577 10 863 6 966 4 681	14 274 15 110 15 206 8 329 8 795 8 695 10 014 10 915 8 572 6 731	868 263 56 46 83 2 465 1 249 492 114 223 387 24.9
YEAR HOUSEHOLDER MOVED INTO UNIT 1979 to March 1980 1975 to 1978 1970 to 1974 1960 to 1969 1959 or earlier	12 552 5 210 943 413 204	2 339 1 004 205 147 71	3 177 1 242 236 89 47	1 743 625 122 33 6	1 310 626 97 5	1 797 812 101 70 5	992 410 106 14 36	812 329 43 26 19	322 137 28 10 16	60 25 5 19 4	11 090 11 436 10 625 7 479 8 095	12 808 12 901 12 479 13 150 14 755	3 119 1 042 163 86 50
PLUMBING FACILITIES BY PERSONS PER ROOM  Complete plumbing for exclusive use	19 047 12 194 6 367 341 145 275 131 130 9	3 636 2 701 900 30 5 130 49 78 3	4 730 3 233 1 382 61 54 61 34 22 -	2 508 1 586 844 51 27 21 12 9	2 013 1 254 704 35 20 25 7 12 6	2 751 1 580 1 034 113 24 34 29 5	1 554 891 643 9 11 4 - 4	1 229 615 588 22 4  - -	513 286 207 20 - - - -	113 48 65 - - - - - -	11 154 10 257 12 704 14 536 11 250 5 605 6 587 4 387 13 125 8 750	12 920 11 932 14 723 14 986 12 052 7 599 8 758 6 259 9 505 8 680	4 345 2 533 1 645 127 40 115 34 78 3
SELECTED CHARACTERISTICS  Heating equipment Central heating system Air conditioning Central system Vehicles available 1 2 or mare House heating fuel Utility gos Bottled, tonk, or LP gas Electricity Fuel oil, kerosene, etc. Other Median rooms	19 322 17 589 5 193 1 520 17 399 8 843 8 556 19 322 15 276 813 2 784 154 295 4.1	3 766 3 322 920 294 2 617 1 923 3 766 2 922 80 632 44 88 3.6	4 791 4 328 1 323 336 4 243 2 724 1 519 4 791 3 809 202 680 33 67 3.9	2 529 2 277 647 219 2 407 1 235 1 172 2 529 2 009 137 339 3 41 4.1	2 038 1 882 660 167 1 986 925 1 061 2 038 1 667 90 244 8 29	2 785 2 583 735 205 2 765 1 159 1 606 2 785 2 209 115 396 37 28	1 558 1 446 430 107 1 555 505 1 050 1 558 1 170 121 247 - 20 4.8	1 229 1 193 303 124 1 200 264 936 1 229 1 001 49 156 9	513 452 143 68 513 97 416 513 397 9 79 20 8 5.4	113 106 32 - 113 11 102 113 92 10 111 - 5.3	11 091 11 257 11 366 11 484 11 911 9 534 14 604 11 091 11 129 12 272 10 590 10 000 8 750	12 845 12 997 12 979 13 280 13 662 10 724 16 699 12 845 12 879 13 971 12 446 15 300 10 437	4 460 4 006 994 281 3 623 1 981 1 642 4 460 3 433 142 740 42 103 4.0
Specified renter-occupied housing units	18 546	3 693	4 598	2 456	1 990	2 641	1 438	1 141	488	101	11 000	12 715	4 336
CONTRACT RENT  Less than \$100 \$100 to \$149 \$150 to \$199 \$200 to \$249 \$350 to \$299 \$300 to \$349 \$350 to \$399 \$400 to \$499 \$500 or more No cosh rent Medion	1 112 1 527 3 889 4 127 3 183 1 773 1 395 799 162 579 \$227	685 533 993 680 356 140 126 30 17 133 \$175	230 598 1 230 1 078 699 318 172 105 5 163 \$206	81 156 628 628 463 165 145 100 - 90 \$220	28 73 431 509 448 261 152 60 6 22 \$244	59 88 369 675 587 338 277 147 11 90 \$256	15 28 119 343 272 301 186 118 17 39 \$285	6 17 72 127 234 205 254 167 37 22 \$325	6 17 42 74 112 45 62 65 50 15 \$289	2 17 5 13 12 - 21 7 19 5 \$298	4 358 6 509 8 486 11 216 12 910 15 034 16 986 18 482 32 010 9 789	6 198 8 491 9 622 12 238 14 367 15 926 18 835 19 830 31 649 11 782	476 426 979 763 678 372 310 154 31 147 \$212
GROSS RENT Less than \$100 \$100 to \$149 \$150 to \$199 \$200 to \$249 \$250 to \$229 \$300 to \$349 \$350 to \$399 \$400 to \$499 \$500 or more No cash rent Median GROSS RENT AS REDEFINIAGE OF MOUSTHOLD	736 1 024 3 048 3 485 3 301 2 305 1 570 1 613 885 579 \$260	568 412 873 714 415 269 169 104 36 133 \$194	121 377 1 080 963 845 553 209 207 80 163 \$233	4 142 459 580 490 294 176 121 100 90 \$250	18 23 260 398 475 309 235 194 56 22 \$278	13 55 254 453 546 444 313 307 166 90 \$296	12 1 70 187 274 221 232 276 126 39 \$335	- 8 22 90 172 152 183 318 174 22 \$382	- 6 30 78 73 57 43 72 114 15 \$343	- - 22 11 6 10 14 33 5 \$395	3 834 5 940 7 352 10 282 11 992 12 795 14 957 18 048 20 142 9 789	4 603 7 063 8 702 11 513 13 146 13 906 16 127 19 168 22 652 11 782	382 298 821 734 646 487 402 250 169 147 \$240
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979  Less than 15 percent	1 925 2 615 2 666 2 226 1 714 2 992 3 626 782 28.8	37 98 146 128 108 447 2 393 336 50+	43 163 297 577 573 1 698 1 084 163 38.9	66 344 464 510 443 413 126 90 28.0	116 341 521 401 341 225 23 22 25.1	381 681 701 408 195 185 - 90 21.5	371 446 350 164 44 24 - 39 18.7	449 440 182 38 10 - - 22 16.3	366 102 5 - - 15	96     5 10—	24 420 17 737 14 544 12 000 10 993 7 813 4 072 6 599	27 192 18 807 15 041 12 388 11 006 8 477 4 361 8 412	92 143 150 158 198 667 2 578 350 50+

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

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

								113 01 1011113, 30			
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	20 244	635	1 186	1 713	2 211	2 378	4 607	3 299	2 810	1 405	441
1 person	1 578 6 130 4 234 5 252 2 231 574 191 54 3.07	153 287 119 48 9 19 - - 2.07	154 474 266 189 84 19 - 2.43	206 616 288 426 133 26 12 6 2.62	204 839 375 526 181 37 32 17 2.67	161 653 546 683 251 60 18 6	346 1 243 1 083 1 225 515 157 35 3 3.16	162 988 662 904 452 89 42 - 3.25	133 672 605 825 410 124 30 11	59 358 290 426 196 43 22 11 3.48	372 416 446 462 488 478 497 383
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER  Merried-couple families  15 to 24 years 25 to 34 years 35 to 44 years 45 to 64 years 65 years and over  Mole householder, no wife present 15 to 24 years 25 to 34 years 35 to 44 years 45 to 64 years 45 to 64 years 45 to 64 years 15 to 24 years 25 to 34 years 35 to 44 years 45 to 64 years 15 to 24 years 25 to 34 years 25 to 44 years 25 to 44 years 45 to 64 years 45 to 64 years 45 to 64 years 45 to 64 years 65 years and over  Median age	16 615 497 5 627 4 911 4 809 771 1 601 192 833 328 232 16 2 028 108 457 493 715 255 38.6	400 26 56 42 191 85 60 17 23 - 12 8 175 - 23 13 78 61 53.7	914 5 72 181 515 141 57 - 10 22 25 - 215 2 24 41 121 27 51.9	1 284 26 222 341 531 164 128 15 45 41 19 8 301 14 63 63 112 49	1 763 55 470 411 689 138 140 12 67 29 32 - 308 4 46 86 113 59	1 962 50 751 568 494 49 132 10 85 12 25 22 284 26 60 96 88 88 14	3 747 157 1 505 1 111 910 64 467 57 252 90 68 	2 836 76 1 202 869 639 50 272 45 165 37 25 191 34 75 51 24 77	2 513 91 978 883 551 10 204 29 108 45 22 - 93 4 355 22 - 12 14	1 196 11 371 505 289 20 141 7 78 39 17 — 68 — 13 4 46 5 5	452 471 482 481 398 299 455 463 472 449 418 225 353 436 410 373 321 290
YEAR HOUSEHOLDER MOVED INTO UNIT  1979 to March 1980	4 970 8 951 3 406 2 475 442	91 127 96 232 89	65 219 166 615 121	96 553 558 449 57	153 893 721 393 51	230 1 260 580 278 30	982 2 674 673 247 31	1 236 1 604 306 131 22	1 379 1 090 215 96 30	738 531 91 34 11	570 448 364 293 260
ROOMS  1 to 3 rooms  4 rooms  5 rooms  6 rooms  7 rooms  8 or more rooms Median	227 997 3 229 4 114 4 269 7 408 6.9	20 155 216 99 85 60 5.2	9 97 282 268 237 293 6.3	33 111 468 422 282 397 6.1	43 132 395 640 445 556 6.3	18 119 428 505 495 813 6.7	19 197 812 935 1 043 1 601 6.8	40 122 306 520 835 1 476 7.3	31 48 247 469 645 1 370 7.4	14 16 75 256 202 842 8.1	374 351 380 413 455 499
YEAR STRUCTURE BUILT  1975 to March 1980	7 676 4 086 4 169 1 840 585 1 888	105 54 92 140 62 182	121 50 528 272 61 154	212 285 480 301 92 343	324 655 644 266 67 255	752 611 613 146 73 183	1 890 1 146 792 345 95 339	1 808 534 520 179 58 200	1 616 484 351 142 44 173	848 267 149 49 33 59	524 429 378 339 357 353
VALUE  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 \$79,999_ \$100,000 to \$149,999_ \$150,000 or more_ Median	19 49 151 534 1 855 3 559 8 070 3 427 2 130 450 \$68 900	10 15 57 69 213 115 82 70 4 -	3 - 29 121 256 342 347 61 19 8 \$55 800	6 9 28 132 303 429 618 163 19 6 \$58 700	- 15 7 82 315 462 931 293 94 12 \$63 100	- 10 22 51 229 530 1 004 317 193 22 \$65 500	- 2 42 390 946 2 086 665 434 42 \$67 600	- - 6 19 87 489 1 517 731 382 48 88 373 900	- - 18 38 226 1 206 774 479 69 \$78 800	- - 24 20 279 353 506 223 \$102 100	197 302 232 279 325 391 446 520 579 746
SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979 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	4 555 3 904 3 418 2 656 1 928 3 757 26 22.4	368 77 66 27 11 79 7	657 264 98 53 37 77 -	795 286 231 160 62 174 5	702 618 311 157 135 285 3 18.3	653 570 388 278 160 329 -	748 1 089 925 717 491 637 - 22.5	345 543 740 472 519 669 11 25.2	192 321 521 530 333 913 - 28.5	95 136 138 262 180 594 - 32.0	333 411 467 492 513 544 317
SELECTED CHARACTERISTICS  Heating equipment	20 244 2 106 15 354 1 617 357 810 3 613 2 003 1 610 20 244 16 623 2 464 23 571	635 36 472 20 60 47 72 25 47 635 575 7 36 -	1 186 55 1 024 24 21 62 205 38 167 1 186 1 102 15 35 -	1 713 142 1 343 60 66 102 247 75 172 1 713 1 566 33 63	2 211 193 1 820 59 60 79 400 162 238 2 211 1 996 66 97 -	2 378 234 1 891 149 43 61 458 215 243 2 378 2 072 65 209 - 32	4 607 434 3 493 408 55 217 748 417 331 4 607 3 656 165 601	3 299 399 2 347 405 39 109 506 326 180 3 299 2 552 95 555 11 86	2 810 351 2 009 357 11 82 574 403 171 2 810 2 071 83 579 8 69	1 405 262 955 135 2 51 403 342 61 1 405 1 033 34 289 4	441 490 430 522 326 431 450 521 387 441 425 441 534 609 465

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

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

The SMSA	Total	Less than \$50	\$50 to \$74	\$75 to \$99	\$100 to \$124	\$125 to \$149	\$150 to \$199	\$200 to \$249	\$250 or more	Median (dollars)
THE SMSA		Less man \$50							\$250 OF HIGHE	Median (dollars)
Specified owner-occupied housing units	5 912	62	320	997	1 196	1 215	1 548	354	- 220	133
PERSONS IN UNIT	1 466	50	92	351	396	300	220	50	7	115
2 persons	3 235 627	6	211	526 72	622 105	671 111	894 205	156 85	149 26	134 151 150 175
4 persons	385 126	_		30	56 11	106	143	38 13	12 20	150
6 persons	40 27	-	-	18	- 6	- 6	10	iž	-	160 155
7 persons8 or more persons	6	1 12	1 02	1.78	_	_	-	2 21	6	250+
Median	1.96	1.12	1.82	1.70	1.82	1.96	2.12	2.31	2.19	
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER  Married-couple families	4 004	_	198	532	694	869	1 225	289	197	142
15 to 24 years 25 to 34 years	44 116	_	11	37 16	1 13	6 24	39	- 13	_	90
35 to 44 years 45 to 64 years	265 1 609	_	14 45	30 152	31 222	33 359	88 570	52 130	17 131	164
65 years and over	1 970 358	46	128 <b>27</b>	297 105	427 91	447 <b>60</b>	528 13	94	49	144 164 152 132 100
15 to 24 years	44 35	14	16	14	20	-		-	-	63
25 to 34 years	26 50	7	5	5	6	8	-	-	-	104
45 to 64 years65 years and over	203	19	6	12 67	11 54	37	13	9 7	-	103
Female householder, no husband present	1 550	16 -	<b>95</b> 5	360 4	411	286	310 -	49 -	23	63 113 104 105 104 118 72 123 117
25 to 34 years	21 61	6	- -	5	6 28	13	4	_	5	123
45 to 64 years65 years and over	269 1 190	6 4	14 76	32 314	39 338	83 187	73 233	22 27	ıī	138 115
Medion age	67.1	58.3	71.5	71.0	70.3	66.3	65.0	58.6	59.1	•••
YEAR HOUSEHOLDER MOVED INTO UNIT	445	17	45	47	56	89	165	7	19	141
1975 to 1978	1 102 1 061	33	45 52 19	127 114	110 179	235 221	386 360	87 120	72 48	149
1960 to 1969	1 365	12	19 185	228 481	318 533	312 358	364 273	68 72	44 37	150 133 114
ROOMS	1 737	_	105	401	333	336	2/3	/2	3/	114
1 to 3 rooms	247	31	34	102	45	10	25 112	_	_	89
4 rooms5 rooms	956 1 669	19	135 106 36	327 338 167	238 426	108 378	112 325	7 64	10 32	100 123
6 rooms7 rooms	1 272 781	12	36 9	167 31	254 135	276 191	404 318	· 80 49	43 48	123 140 154
8 or more rooms	987 5.6	3.5	4.4	32 4.7	98 5.2	252 5.9	364 6.3	154 7.0	87 7.0	165
YEAR STRUCTURE BUILT		0.0			5,2	3.,	0.0	7.0	,.0	
1975 to March 1980	638	13	40	62	94	87	245	57	40	155
1970 to 1974	852 1 128	4 19	9 24	44 51	33 217	202 319	421 360 278	104 75 79	35 63 38	166 145 134
1950 to 1959	1 106 550	26	41 43	149 133 558	251 173	244 129	278 53	79 4	38 15	134 114
1939 or eorlier	1 638	-	163	558	428	234	191	35	29	106
VALUE Less than \$10,000	121	22	40	24	07	,				(0
\$10,000 to \$19,999	131 178	33 13	42 52	26 55	27 46	3	2 6	3	-	69 86
\$20,000 to \$29,999 \$30,000 to \$39,999	415 592		47 64 77	192 235	77 145	55 88	33 32	11 28		86 96 100
\$40,000 to \$49,999 \$50,000 to \$59,999	1 074 974	4 6	77   5 27	217 171	360 274	205 226	186 231	18 25 67	7 36	117 128 147
\$60,000 to \$79,999 \$80,000 to \$99,999	1 527 475	6	27	90 5	199 28	500 124	596 255	67 46	42 17	147 166 195
\$100,000 to \$149,999 \$150,000 or more	412 134	-	6 -	6	27 13	7 6	176 31	130 26	60 58	195 233
Median	\$55 400	\$10000—	\$32 700	\$39 500	\$48 600	\$60 700	\$69 800	\$92 500	\$106 700	
SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979										
Less than 10 percent	2 623	45	138 94	437	478	626 280	710	106	83	134
10 to 14 percent	1 375 557	6	31	229   94	256 143	91	376 151	94 26	42 15	134 126
20 to 24 percent 25 to 29 percent	369 290	7	26 15	82 62	74 70	73 30 27	78 69	21 37	15 -	126 122 127
30 to 34 percent 35 percent or more	167 494	_	5	21 72	60 108	27 88	28 130	15   55	16 36	127 143 154
Not computed	37   11.1	10-	11 10.9	11.3	7 12.3	- 10	10.8	13.8	13 12.4	154
SELECTED CHARACTERISTICS	:									
Heating equipment Steam or hot water system	5 912 904	62	320	997	1 196	1 215	1 <b>548</b> 397	354 100	220	133 169
Central warm-air furnace or electric heat pump  Other built-in electric units	3 782	- 56	15 158	40 565	67 868	178 898	953	194	107 90	132
Floor, wall, or pipeless turnace	286 407	-	72	36 168	61 76	30 37	122 14	30 30	7 10	157 95 100
Other meansAir conditioning	533 1 050	10	75 <b>40</b>	188 149	124 <b>20</b> 1	72 <b>234</b>	62 285	64	6 67	100 138
Central system  1 or more individual room units	493 557	4 6	21 19	35 114	53 148	117 117	179 106	32 32	52 15	138 155 124
House heating fuel	<b>5 912</b> 5 059	<b>62</b> 50	320 286	997 864	1 196 1 045	1 215 1 114	1 548 1 269	<b>354</b> 279	220 152	133
Bottled, tank, or LP gas	336 410	6	11	37 66	48	35 52	114 133	45 30	40 22	164
Fuel oil, kerosene, etc.	9 98	-	11	30	14	14	23		- - 4	140 175 114
					1-1	1-1				- 117

#### 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]

		Ov	vner-occupied h	ousing units		Renter-occupied housing units							
The SMSA	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier	Total	1975 to Morch 1980	1970 to 1974	1960 to 1969	1940 ta 1959	1939 or earlier	
Occupied housing units	34 764	10 727	7 539	7 050	4 842	4 606	19 322	3 918	4 301	4 792	3 395	2 916	
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER Married-couple families  15 to 24 years  25 to 34 years  35 to 44 years  45 to 64 years	25 974 881 6 985 6 221 8 285	8 782 437 3 669 2 372 1 819	5 803 208 1 444 1 603 1 912	5 243 66 807 1 200 2 267	3 187 122 489 455 1 295	2 959 48 576 591 992	6 870 1 413 2 937 976 962	1 603 286 738 234 221	1 485 359 610 209 182	1 706 481 701 180 204	1 147 193 533 217 136	929 94 355 136	
65 years and over	3 602 3 431 605 1 345 569 570 342 5 359 311 836 807 1 485 1 920 43.2	1 046 210 210 211 177 116 32 899 79 313 181 271 271 55 35.4	636 705 145 276 107 131 46 1 031 74 193 218 265 281	903 584 125 172 104 118 65 1 223 70 133 215 384 421 49.9	826 538 69 177 73 122 97 1 117 72 87 98 351 509 53.6	752 558 56 209 108 83 102 1 089 16 110 95 214 354 544	582 5 721 2 579 2 161 375 334 272 6 731 2 517 1 757 460 683 1 314 28.4	124 985 445 338 60 59 1 330 432 332 84 102 380 29.7	1025 1 242 579 444 77 81 61 1 574 579 361 147 164 323 28.3	140 1 433 686 524 89 88 46 1 653 665 428 78 144 338 27.5	68 1 162 547 445 73 66 31 1 086 442 322 73 126 123 27.9	219 125 899 899 322 410 53 39 75 1 088 399 314 78 147 150 29.2	
YEAR HOUSEHOLDER MOVED INTO UNIT 1979 to March 1980	8 067 13 150 5 913 4 680 2 954	4 705 6 022 - - -	1 301 2 985 3 253 	962 1 950 1 345 2 793	484 1 137 686 1 067 1 468	615 1 056 629 820 1 486	12 552 5 210 943 413 204	2 966 952 - - -	2 750 1 215 336 - -	3 064 1 315 255 158	2 259 849 130 78 79	1 513 879 222 177 125	
ROOMS 1 room	58 205 1 025 4 080 7 240 6 683 15 473 6.2	23 53 181 858 1 815 2 101 5 696 6.6	19 24 288 972 1 577 1 360 3 299 6.2	65 247 739 1 325 1 191 3 483 6.5	10 44 142 698 1 248 1 040 1 660 5.8	6 19 167 813 1 275 991 1 335 5.5	596 1 503 3 045 7 062 3 616 1 717 1 783 4.1	67 162 564 1 453 832 438 402 4.3	103 402 710 1 847 760 292 187 4.0	208 375 824 1 816 840 310 419 4.0	108 289 545 1 080 638 350 385 4.2	110 275 402 866 546 327 390 4.3	
PLUMBING FACILITIES BY PERSONS PER ROOM Complete plumbing for exclusive use  0.50 or less 0.51 to 1.00 1.01 to 1.50 1.51 or more Lacking complete plumbing for exclusive use 0.50 or less 0.51 to 1.00 1.01 to 1.50	34 614 25 473 8 773 296 72 150 83 43 - 24	10 689 7 592 3 013 72 12 38 18 15 -	7 522 5 230 2 151 106 35 17 6 4	7 <b>044</b> 5 476 1 505 58 5 6 6	4 815 3 740 1 026 34 15 27 3 24	4 544 3 435 1 078 26 5 62 56 -	19 047 12 194 6 367 341 145 275 131 130 9	3 889 2 558 1 291 30 10 29 15 9	4 274 2 763 1 366 119 26 27 8 19	4 772 2 914 1 742 68 48 20 9	3 360 2 071 1 173 73 43 35 14 12 9	2 752 1 888 795 51 18 164 85 79 -	
PERSONS IN UNIT  1 person  2 persons  3 persons  4 persans  5 persons  6 or more persons  Median  Totol persons	5 138 12 667 6 200 6 650 2 867 1 242 2.47 99 330	968 3 548 2 170 2 573 1 123 345 2.89	1 029 2 356 1 374 1 710 654 416 2.78 23 191	1 068 2 684 1 276 1 254 557 211 2.42 19 563	973 2 168 735 559 270 137 2.17	1 100 1 911 645 554 263 133 2.13	6 352 6 605 3 146 1 933 821 465 2.00	1 166 1 380 606 501 173 92 2.07	1 438 1 561 704 352 147 99 1.96	1 617 1 613 765 429 278 90 1.98	1 070 1 111 580 394 119 121 2.06 7 883	1 061 940 491 257 104 63 1.92 6 172	
UNITS IN STRUCTURE 1, detached or ottached 2 3 and 4 5 to 9 10 to 49 50 or mare Mobile home or trailer, etc.	29 453 544 386 264 498 154 3 465	9 295 125 143 80 156 24 904	5 617 66 112 70 152 32 1 490	5 798 105 8 27 83 91 938	4 413 132 77 58 36 7	4 330 116 46 29 71 -	6 655 2 181 2 065 1 802 4 175 1 531 913	1 252 425 638 335 657 498 113	656 313 491 496 1 413 517 415	1 213 522 465 532 1 327 405 328	1 811 487 260 263 446 78 50	1 723 434 211 176 332 33 7	
SELECTED CHARACTERISTICS Heating equipment Steam or hot water system Central warm-oir furnace or electric heat pump Other built-in electric units Floor, wall, or pipeless furnace Other means Air conditioning Central system 1 or more individual room units House heating fuel Utility gas Bottled, tonk, or LP gas Electricity Fuel oil, kerosene, etc. Other Income in 1979 below poverty level Percent below poverty level	34 764 4 051 25 250 2 452 1 014 1 997 7 755 4 319 3 436 34 764 28 080 1 879 3 796 83 926 1 904 5.5	10 727 954 7 333 1 971 27 442 2 475 1 860 615 10 727 6 911 381 3 048 5 382 319 3.0	7 539 1 080 5 962 197 26 274 2 263 1 335 9 28 7 539 6 654 435 306 5.0	7 050 1 067 5 538 123 74 248 1 817 855 962 7 050 6 404 309 187 11 139 414 5.9	4 842 428 3 639 81 271 423 773 145 628 4 842 4 352 238 130 10 112 384 7.9	4 606 522 2 778 80 616 610 427 124 303 4 606 3 759 516 125 125 128 48 158 411 8.9	19 322 4 673 10 222 1 721 953 1 733 5 193 1 520 3 673 19 322 15 276 813 2 784 295 4 460 23.1	3 918 869 2 148 790 25 86 1 201 406 795 3 918 2 597 92 1 177 13 39 747 19.1	4 301 1 298 2 405 418 25 1555 2 057 649 1 408 4 301 3 360 80 771 28 62 892 20.7	4 792 1 468 2 624 323 123 254 1 534 340 1 194 4 792 4 017 158 530 44 43 1 121 23.4	3 395 443 1 760 109 383 700 261 63 198 3 395 2 898 245 187 13 52 908 26.7	2 916 615 1 285 81 397 538 140 62 78 2 916 2 404 238 119 792 27.2	
HOUSEHOLD INCOME IN 1979 Less than \$5,000 \$5,000 to \$9,999 \$10,000 to \$12,499 \$15,000 to \$14,999 \$20,000 to \$14,999 \$25,000 to \$34,999 \$35,000 to \$49,999 \$50,000 or \$49,999 \$40,000 to \$40,999 \$50,000 or more Median Mean	2 157 3 413 2 259 2 313 5 378 5 315 7 520 4 281 2 128 \$21 579 \$24 343	274 613 596 575 1 757 2 103 2 636 1 543 630 \$23 423 \$26 243	366 747 525 516 1 146 1 062 1 748 901 528 \$22 134 \$25 526	504 651 425 513 1 047 850 1 518 959 583 \$22 057 \$25 372	474 671 318 352 670 725 907 507 218 \$19 509 \$21 427	539 731 395 357 758 575 711 371 169 \$16 693 \$19 473	3 766 4 791 2 529 2 038 2 785 1 558 1 229 513 113 \$11 091 \$12 845	667 875 393 408 566 466 374 150 19 \$12 647 \$14 415	744 1 001 663 552 775 276 187 82 21 \$11 529 \$12 574	958 1 212 640 504 600 369 326 140 43 \$10 883 \$12 942	767 761 517 329 466 222 229 90 14 \$10 820 \$12 381	630 942 316 245 378 225 113 51 16 \$9 273 \$11 513	

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

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

	C	Owner-occupied I	nousing units				Re	enter-occupied	housing units			
The SMSA	Total	1 unit, detoched or ottoched	2 or more units	Mobile home or trailer, etc.	Total	l 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 troiler, etc.
Occupied housing units	<b>34</b> 764 1 130	<b>29 453</b> 365	1 <b>846</b> 765	3 465 -	19 <b>322</b> 640	6 655 44	<b>2 181</b> 17	<b>2 065</b> 133	1 <b>802</b> 131	<b>4 175</b> 236	1 <b>531</b> 79	913
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER Married-couple families	<b>25 974</b> 881	23 110 574	876 23	1 <b>988</b> 284	6 <b>870</b> 1 413	<b>3 235</b> 361	<b>822</b> 178	<b>725</b> 256	<b>454</b> 119	979 268	<b>282</b> 109	<b>373</b> 122
25 to 34 years 35 to 44 years 45 to 64 years	6 985 6 221 8 285	6 242 5 922 7 315	173 120 374	570 179 596	2 937 976 962	1 314 664 636	431 74 97	370 37 32	162 89 49	387 88 128	84 	189 24 8
65 years and over Male householder, no wife present 15 to 24 years	3 602 3 431 605 1 345	3 057 2 350 303 970	186 <b>393</b> 95 181	359 688 207 194	582 5 721 2 579 2 161	260 <b>1 773</b> 790 661	42 <b>599</b> 241 296	30 710 356 292	35 <b>596</b> 255 195	108 1 478 654 545	77 <b>318</b> 175 52	30 247 108 120
25 to 34 years 35 to 44 years 45 to 64 years 65 years and over	569 570 342	448 361 268	32 61 24	89 148 50	375 334 272	124 118 80	44 12 6	26 30 6	46 56 44	111 111 57	12 12 79	120
Female hauseholder, no husband present	5 359 311 836	3 993 126 530	577 50 178	<b>789</b> 135 128	6 731 2 517 1 757	1 647 604 501	<b>760</b> 242 261	<b>630</b> 267 216	<b>752</b> 314 157	1 718 755 438	931 262 79	<b>293</b> 73 105
35 to 44 years 45 to 64 years 65 years and over	807 1 485 1 920	626 1 141 1 570	69 126 154	112 218 196	460 683 1 314	208 201 133	22 109 126	46 46 55	75 85 121	64 172 289	54 530	39 16 60
YEAR HOUSEHOLDER MOVED INTO UNIT 1979 to March 1980	<b>43.2</b> 8 067	<b>43.3</b> 6 160	<b>45.1</b> 711	39.4 1 196	28.4 12 552	<b>29.9</b> 4 134	28.3 1 497	26.4 1 513	28.0 1 270	<b>27.1</b> 2 737	<b>36.9</b> 823	<b>27.8</b> 578
1975 to 1978 1970 to 1974 1960 to 1969	13 150 5 913 4 680	11 200 5 058 4 210	575 256 189	1 375 599 281	5 210 943 413	1 769 371 248	587 7 <b>6</b> 11	441 75 22	426 72 22	1 143 178 82	578 117 13	266 54 15
ROOMS I room	2 954 58 205	2 825 17 78	115 8 24	33 103	596 1 503	133 74 152	10 12 95	36	12 45	35 298	122	9
2 rooms	1 025 4 080 7 240	488 2 305 5 596	209 407 442	328 1 368 1 202	3 045 7 062 3 616	455 1 643 1 567	238 1 001 555	106 263 1 143 357	227 342 816 268	522 1 013 1 714 483	383 606 325 83	18 128 420 303
6 rooms 7 or more rooms Median	6 683 15 473 6,2	6 030 14 939 6.5	359 397 5.1	294 137 4.4	1 717 1 783 4.1	1 205 1 559 5,1	210 70 4.2	101 59 4.0	83 21 3.9	86 59 3.6	7 5 2.9	303 25 10 4.2
PLUMBING FACILITIES BY PERSONS PER ROOM Complete plumbing for exclusive use  0.50 or less	<b>34 614</b> 25 473	<b>29 341</b> 21 760	1 836 1 456	3 437 2 257	<b>19 047</b> 12 194	6 61 <b>3</b> 3 913	<b>2 147</b> 1 372	2 043 1 368	1 775 1 282	4 052 2 713	1 <b>504</b> 999	913 547
0.51 to 1.00 1.01 to 1.50 1.51 or more	8 773 296 72	7 406 151 24	365 10 5	1 002 135 43	6 367 341 145	2 523 134 43	763 12 -	620 50 5	459 14 20	1 205 82 52	454 32 19	343   17   6
Locking complete plumbing for exclusive use 0.50 or less 0.51 to 1.00	1 <b>50</b> 83 43	112 67 34	10 5 5	28 11 4	275 131 130	<b>42</b> 18 19	<b>34</b> 17 17	22 13 9	27 14 4	123 52 71	<b>27</b> 17 10	=
1.01 to 1.50	- 24 72	11	- 8	13	5	5 90	-	- - 48	-		-	-
1 2 3	1 361 8 932 15 337	720 6 206 13 738	308 791 487	333   1 935   1 112	727 4 326 9 364 3 717	699 2 477 2 337	24 335 1 417 373	333 1 430 227	69 551 961 195	324 1 450 2 079 276	163 855 471 37	103 529 272
5 or more HOUSEHOLD INCOME IN 1979	7 179 1 883	6 963 1 802	171 81	45	869 319	787 265	11 21	27 -	21 5	23 23	5	-
Less than \$5,000 \$5,000 to \$9,999 \$10,000 to \$12,499	2 157 3 413 2 259	1 490 2 396 1 661	216 232 160	451 785 438	3 766 4 791 2 529	869 1 285 776	318 522 266	260 592 255	458 452 334	976 1 278 613	655 453 1 <b>3</b> 7	230 209 148
\$12,500 to \$14,999 \$15,000 to \$19,999 \$20,000 to \$24,999	2 313 5 378 5 315	1 757 4 420 4 784	133 359 159	423 599 372	2 038 2 785 1 558	687 1 129 795	309 375 174	268 377 186	183 219 76	414 508 174	59 98 58	118 79 95
\$25,000 to \$34,999 \$35,000 to \$49,999 \$50,000 or more	7 520 4 281 2 128 \$21 579	6 930 4 028 1 987 \$22 872	284 182 121 \$16 820	306 71 20 \$12 846	1 229 513 113 \$11 091	749 308 57 \$13 947	175 36 6 \$12 354	62 50 15 \$11 770	59 16 5 \$9 882	103 90 19 \$9 281	47 13 11 \$5 953	34 - - \$10 296
Mean SELECTED CHARACTERISTICS Heating equipment	\$24 343 34 764	\$25 616 <b>29 453</b>	\$21 336 1 846	\$15 130 <b>3 465</b>	\$12 845 19 322	\$15 840 <b>6 655</b>	\$13 427 2 181	\$13 046 2 065	\$10 356 1 802	\$10 800 4 175	\$8 470 1 531	\$10 753
Steom or hot water system Central warm-air furnace or electric heat pump Other built-in electric units	4 051 25 250 2 452	3 572 21 076 2 211	442 1 046 217	37 3 128 24	4 693 10 222 1 721	406 4 285 398	250 1 568 86	595 1 019 275	698 648 231	2 042 1 371 467	697 513 249	818 15
Floor, woll, or pipeless furnoce Other meons Air conditioning	1 014 1 997 <b>7 755</b>	903 1 691 <b>5 463</b>	63 78 <b>762</b>	48 228 1 <b>530</b>	953 1 733 <b>5 193</b>	550 1 016 <b>563</b>	126 151 191	70 106 <b>612</b>	59 166 <b>655</b>	94 201 2 139	39 33 <b>723</b>	15 60 <b>310</b>
Centrol system	4 319 <b>34 065</b> 7 799	3 029 28 932 5 877	430 1 788 721	860 <b>3 345</b> 1 201	1 520 1 <b>7 399</b> 8 843	235 6 292 2 320	1 982 888	118 1 944 989	109 1 623 1 129	599 <b>3 653</b> 2 333	272 1 <b>072</b> 716	141 <b>833</b> 468
2 or more  House heating fuel Utility gas  Bottled, tonk, or LP gas	26 266 34 764 28 080 1 879	23 055 29 453 23 693 1 489	1 067 1 846 1 398	2 144 3 465 2 989	8 556 19 322 15 276	3 972 6 655 5 240	1 094 2 181 1 977	955 <b>2 065</b> 1 586	494 1 802 1 436	1 320 4 175 3 210	356 1 <b>531</b> 1 027	365 913 800 65
Flectricity  Fuel oil, kerosene, etc.  Other	3 796 83 926	3 366 63 842	82 340 15	308 90 5 73	813 2 784 154 295	529 665 34 187	38 165 1	30 425 - 24	292 18 12	92 762 81 30	15 427 20 42	48
Water heating fuel Utility gas Bottled, tank, or LP gas	<b>34 707</b> 27 076 1 705	29 409 22 865 1 317	1 846 1 369 81	3 452 2 842 307	19 276 14 332 852	6 626 4 985 527	2 181 1 877 60	2 055 1 521 33	1 802 1 357 51	4 168 2 970 100	1 <b>531</b> 897 26	913 725 55
Fuel oil, kerosene, etc.	5 849 9 68	5 165 4 58	391 5 -	293 _ 10	3 998 63 31	1 100 - 14	244 - -	494 - 7	376 18 -	1 056 32 10	595 13 -	133
Family householder	28 381 14 607 6 101	25 035 13 217 5 425	1 <b>022</b> 367 123	2 324 1 023 553	8 744 4 846 2 689	3 947 2 418 1 171	1 <b>037</b> 586 366	964 407 264	655 384 207	1 326 658 425	335 81 61	480 312 195
Female householder, no husband present	1 812 1 088 201 6 383	1 445 853 143	126 80 21	241 155 37	1 529 1 160 434	587 443 144	186 130 59	169 128 50	156 130 35	285 202 90	47 38 18	99 89 38 <b>433</b>
Income in 1979 below poverty level	6 383 1 904 5.5	4 418 1 302 4.4	824 181 9.8	1 141 421 12.2	10 578 4 460 23.1	2 708 1 293 19.4	1 144 476 21.8	1 101 367 17.8	1 147 441 24.5	2 849 1 086 26.0	1 196 <b>576</b> 37.6	221 24.2

## 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

	Data ore estimates	based on a sar	mple, see Intradi	uction. For mean	ing of symbols,	see Introduction.	For definitions	of terms, see a	ppendixes A an	d 8)	
The SMSA	Tatai	1 person	2 persans	3 persons	4 persons	5 persons	6 persons	7 persons	8 ar mare persons	Median	Total persons
Owner-occupied housing units Nonrelatives present	<b>34 764</b> 1 861	5 138	12 667 949	6 200 446	6 650 240	2 867 141	8 <b>62</b> 40	<b>306</b> 45	74 -	<b>2.47</b> 2.48	99 330 5 653
ROOMS 1 to 3 rooms 4 rooms 5 rooms 6 rooms 7 rooms 8 or more rooms 8 defined	1 288 4 080 7 240 6 683 5 849 9 624 6.2	655 1 286 1 527 935 404 331 4.9	434 1 917 3 354 2 709 2 049 2 204 5.7	113 579 1 137 1 271 1 253 1 847 6.5	60 185 825 1 297 1 374 2 909 7.2	13 75 272 385 625 1 497 7.6	9 28 98 57 90 580 8.5	- 6 11 29 48 212 8.5+	4 16 - 6 44 8.1	1.48 1.89 2.12 2.39 2.88 3.65	2 391 8 431 17 298 18 144 18 222 34 844
PLUMBING FACILITIES BY PERSONS PER ROOM Complete plumbing for exclusive use	34 614 34 246 296 72 150 126	5 081 5 081 - - 57 57	12 636 12 629 - 7 31 31 -	6 192 6 169 19 4 8 5 -	6 605 6 566 30 9 45 24 —	2 863 2 775 75 13 4 4 	862 727 126 9 - - -	301 255 40 6 5 5	74 44 6 24 - -	2.47 2.45 5.69 5.83 2.08 1.69	98 945 96 740 1 703 502 385 279 — 106
UNITS IN STRUCTURE  1, detached or ottached 2 or more  Mabile home or trailer, etc	29 453 1 846 3 465	3 579 624 935	10 559 695 1 413	5 446 208 546	6 176 180 294	2 610 77 180	749 45 68	268 17 21	66 - 8	2.61 1.93 2.06	86 007 4 598 8 725
VALUE  Specified owner-occupied housing units  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 \$99,999  \$100,000 to \$149,999	150 227 566 1 126 2 929 4 533 9 597 3 902 2 542 584	3 044 53 62 136 290 701 667 821 218 81 15 \$54 600	9 365 90 127 301 529 1 156 1 797 3 283 1 230 666 186 186 \$ \$63 300	4 861 3 30 75 130 598 747 1 859 780 540 99	5 637 3 5 25 121 301 945 2 343 1 025 707 162 \$72 100	2 357 1 3 111 56 118 288 907 482 402 402 89 \$75 900	614 - 18 - 32 33 286 105 118 22 \$74 500	218 - - - 12 41 70 62 28 5 \$74 100	60 - - - 11 15 28 - - 6 \$63 300	2.64 1.74 1.91 1.99 2.02 2.16 2.39 2.87 3.14 3.47 3.42	76 070 277 431 1 026 2 353 6 540 12 577 29 479 12 756 8 818 1 813
Median	34 764 \$21 579 20.0 22.4 11.1 1 904	5 138 \$10 445 26.7 30.0 21.6 759 \$2 561	12 667 \$20 189 17.4 22.5 10.5 494 \$3 108	6 200 \$23 745 20.2 22.1 10— 246 \$3 914	6 650 \$26 244 20.8 21.5 10— 215 \$4 409	2 867 \$27 192 20.3 20.9 10— 139 \$5 932	\$27 027 21.1 21.7 10— 35 \$8 098	306 \$30 081 20.8 22.3 10— 6 \$23 750	74 \$32 000 17.8 18.5 10— 10 \$5 417	2.47   1.89	99 330
Median selected monthly owner costs as percentage of household incame With a mortgage Not mortgaged Renter-occupied housing units	19 322	50+ 50+ 46.8 6 352	50+ 50+ 50+	50+ 50+ 27.9	50+ 50+ 50+ 50+	50+ 50+ 22.5 <b>821</b> 179	50+ 50+ - 318 70	27.5 27.5 - 121 37	50+ 50+ - <b>26</b>	2.00	42 906
Nonrelatives present	7 062 3 045 7 062 3 616 1 717 1 783	530 1 130 1 803 2 063 543 204 79 3.3	2 735 52 298 890 3 394 1 182 449 340 4.1	1 186 5 42 220 1 055 948 429 447 4.8	3 27 89 453 590 334 437 5.2	6 6 22 75 256 184 272	 15 18 59 98 128 6.2	- 6 4 34 19 58 6.4	- - - 4 - 22 8.1	2.98	2 043 4 662 14 068 9 835 5 281 6 373
PlumBING FACILITIES BY PERSONS PER ROOM Complete plumbing for exclusive use	- 19 047 - 18 561 - 341 - 145 - 275 - 261 - 9	6 191 6 191 - 161 161 -	6 543 6 491 - 52 62 62 - -	3 117 3 081 36 	1 913 1 794 89 30 20 20	712 72 34 3	318 226 77 15 —	121 58 53 10 - - -	26 8 14 4 	1.98	40 050 1 707 3 682 467 1 411 5 39
UNITS IN STRUCTURE  1, detached or attached  2  3 and 4  5 to 9  10 to 49  50 or mare  Mabile hame or trailer, etc	6 655 2 181 2 065 1 802 4 175 1 531	1 223 601 576 813 1 923 896 320	2 110 825 943 600 1 409 438 280	1 432 438 288 222 480 119 167	223 193 106 226	61 38 38 47 5 99 2	33 27 10 32	6	-	2.0° 1.9° 1.6° 1.6° 1.3° 1.9°	9 4 838 8 4 395 5 3 349 7 779 5 2 369 9 2 012
GROSS RENT Specified renter-occupied housing units 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 mare No cash rent Median	736 1 024 3 048 3 485 3 301 2 305 1 613 1 613 885 579	1 561 1 601 797 401 223 131 28 220	66 275 975 1 250 1 584 1 002 498 386 1 103 1 185	36 89 318 270 560 519 492 464 250	16 11 14 14 14 15 15 15 15 15 15 15 15 15 15 15 15 15	3 4 1 11 7 37 8 101 7 90 9 53 1 88 9 17 9 17 0 15 8	42 42 11 21 3 51 4 80 4 72	6 10 13 2 2 - 18 18 38 38 38 38 38 38 38 38 38 38 38 38 38	1	1.1 1.3 1.4 1.6 2.0 7 7 2.6 1 3.1 8 3.7	0 884 1 598 8 5 151 1 6 307 7 186 5 497 13 4 205 2 5 321 17 3 328 18 1 428
SELECTED CHARACTERISTICS All income levels in 1979  Median income Income in 1979 below poverty level Median income Median income Median income Median income Median income	28.8 28.8 4 460 33 976	\$6 589 32.6 1 616 5 \$2 512	5 \$11 810 26.9 6 1 318 2 \$4 533	\$13 342 28.4 3 <b>76</b> 2 3 \$5 576	2 \$15 32 4 26. 2 44 6 \$6 82	2 \$17 27 9 26 20 4 \$6 54	\$16 389 3 26.4 6 79 8 \$6_492	\$18 87. 4 25.1 2 \$15 46	\$27 14 8 21. 7 \$8 75	3 3 7 1.9	97

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

[Oato are estimotes based on o sample, see Introduction. For meoning of symbols, see Introduction. For definitions of terms, see appendixes A and 8]

dian age

55.57 5.23 5.23 5.23 5.23 5.23

	Jato are estimo	ones based on o	ludio dre estimores based on o sample, see infroduction. For meaning o	roduction, For	- 1	symbols, see Int	Introduction. For c	refinitions of re	ddb aas '	S A ond		,		-		T	
The cases				Morned-couple romines				Male nousenalder,	no wire	present			mole rouseho	remole rouseholder, no husband present	present	Ī	
Ine sms4	Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	15 to 24 yeors	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	Media
Owner-eccupied housing units	34 764	188	988 9	6 221	8 285	3 602	\$09	1 345	569	920	342	311	836	807	1 485	1 920	<b>ā</b>
PERSONS IN UNIT  1 person 2 persons 3 persons 4 persons 6 or more persons Median Total persons Total persons	5 138 12 667 6 200 6 650 2 865 1 242 1 247 99 330	283 283 90 90 16 2.40	2 051 1 775 2 333 663 193 3.31 23 575	559 926 926 1 464 1 464 628 4.11 26 247	4 241 1 963 1 164 589 328 248 24 232	3 264 280 27 27 201 201 7 596	317 166 166 166 145 175 175	802 389 111 34 4 4 1.34 2 165	346 126 56 37 37 1.32 917	265 207 60 32 32 1,60	273 45 21 3 3 1.13 438	155 105 255 17 1.50 580	383 245 145 145 38 25 25 1.64	173 192 192 154 154 268 269 269	832 343 191 191 15 15 2 652	1 592 242 27 23 23 6 1.10 2 381	45.33.7.65.7
PLUMBING FACILITIES BY PERSONS PER ROOM Complete plumbing for exclusive use	34 614 368 150 24	877 5 4 4	6 965 134 20 14	6 206 101 15 6	8 264 91 21	3 574	009	1 340	899	554 16 1	331	£ ' ' '	836 6 1 1	807 10 1	1 485	1 895	37.83
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979																	
With a marigage less than 15 percent less than 15 percent less than 15 percent less than 16 percent less than 16 percent less than 16 percent less than 10 p	20 20 156 20 156 20 20 20 20 20 20 20 20 20 20 20 20 20	28.5 28.5 28.0 28.0 28.0 44.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7	5 743 5 627 621 621 1 158 984 880 1 067 1 067 1 16 1 16 1 16	5 176 4 911 1 1255 1 1 255 1 193 389 587 20.0 20.0 187 187	6 4 4 8 8 9 9 8 6 8 8 9 8 8 6 8 8 9 8 6 8 8 6 8 8 9 8 8 6 8 8 9 8 9	2 77. 77. 77. 77. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10	23 192 10 10 10 10 10 10 10 10 10 10 10 10 10	888 833 833 101 101 101 27,2 27,2 35 35	23 23 24 24 25 25 25 26 26 26 26 27 28 28 28 28 28 28 28 28 28 28 28 28 28	<b>22</b> 22 22 22 22 22 22 22 22 22 22 22 22	210 200 30.0 203 75 75	710 18 17 17 18 18 18 18 19 9	25 25 25 26 88 88 83 83 12 12 71 74	25. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2.	984 718 1133 1133 107 107 28,5 28,5 69,69	255 21 22 22 23 129 190 225 225	<b>48</b> 4888488 : <b>2</b> -28
15 to 19 percent 20 to 24 percent 25 to 29 percent 30 to 34 percent 35 percent or more Not computed Median	359 290 167 167 37 11.1	12	00 8 7 8 1 1 1 1 8 2 8	0 1 9 1 -01	29 29 24 10	128 63 37 86 11.9	1   1   1   4	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	701	0 - 1 - 1 - 1	34 8 21 46 1.1	1 1 1 1 6 1 + 05	78 7 6 1 3 1 -	5 - - - - - - - - - - - - - - -	30 8 43 8 59 17.2	157 111 96 235 235 19.8	5K84KE:
Renter-occupled housing units	19 322	1 413	2 937	976	962	282	2 579	2 161	375	334	272	2 517	1 757	460	683	1 314	28.
PERSONS IN UNIT    person   persons   persons	6 352 6 605 8 146 1 933 1 821 821 2.00 42 906	861 383 114 40 2.32 3.88	1 034 759 753 753 270 121 3.07 9 169	123 186 286 237 237 4.13 3 899	476 221 119 65 81 2.52 2 860	505 30 28 28 19 1,208	938 928 483 178 37 15 1.88 5 217	1 124 220 220 60 60 29 1,46 3 540	266 74 74 18 7 7 5 1.20 553	284 26 9 9 9 1.09 413	232 40 1.09 307	882 925 429 206 55 1.91 5 357	822 241 241 1.60 3 288	113 155 121 27 2,25 1 079	466 1066 1.23 1 085	1 225 89 89 1.04	33.26.28
PLUMBING FACILITIES BY PERSONS PER ROOM Complete plumbing for exclusive use	19 047 486 275 14	1 407 18 6 6	2 917 147 20 3	959 97 17 5	957 41 5	581	2.534 61 45	2 119 22 42 -	355 20 1	307 6 27 -	272	2 475 44 42 -	1 738 19 19	455 7 5	665 12 18 18	1 306	8,5,6,5
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 35 to 49 percent 35 to 49 percent 35 to 49 percent Median	18 546 1 925 2 666 2 666 2 226 3 626 3 626 3 628 2 992 2 878 2 878	1 387 251 251 118 118 138 40 24.8	2 764 389 547 581 324 194 194 264 104 23.2	833 833 833 8128 8128 87 87 87 87 87 87	802 217 217 76 77 77 47 61 53	25.2 20.2 20.4 20.2 20.2 20.3 20.3 20.3 20.3 20.3 20.3	2 541 187 223 223 374 273 467 100 32.7	2 096 279 379 376 318 318 168 168 247 247 25.5	354 67 77 78 28 16 16 20 24.1	326 326 51 51 24 24 24 24 24 27 31 31 31 31 31 31 31 31 31 31 31 31 31	255 13 13 14 17 17 18 18 18 19 19 18 19 19	2 491 111 217 167 235 275 275 1 015 1 015	1 735 202 207 198 201 200 285 440 440 42 32.0	453 28 30 44 44 33.6 44 44 33.6	677 77 77 77 77 77 78 82 88 98.9	1 300 73 73 141 254 140 89 89 89 89 89 89 89 89 89 89 89 89 89	: 38.25.27.28.88.29.38.88.

30.3

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

[Oato are estimates based an a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and 8]

				Mole hous	eholder					Female hou	seholder		
The SMSA	Tatal	Total	15 to 24 yeors	25 to 34 yeors	35 to 44 yeors	45 to 64 years	65 yeors ond over	Tatal	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over
Owner-occupied housing units	5 138	2 003	317	802	346	265	273	3 135	155	383	173	832	1 592
PLUMBING FACILITIES Complete plumbing for exclusive use Lacking complete plumbing for exclusive use	5 081 57	1 971 32	317	797 5	346 -	249 16	262 11	3 110 25	155	383	173	832	1 567 25
UNITS IN STRUCTURE  1, detoched or attached  2 or more  Mobile home or trailer, etc	3 579 624 935	1 314 239 450	141 58 118	557 102 143	281 25 40	120 34 111	215 20 38	2 265 385 485	56 15 84	177 143 63	124 25 24	624 60 148	1 284 142 166
HOUSEHOLD INCOME IN 1979 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.	1 357 1 106 596 451 690 456 317 83	373 289 215 180 332 280 218	94 77 84 13 20 5	72 76 55 109 170 172 102 25	13 15 49 20 82 57 65 26	56 62 13 7 44 31 33 19	138 59 14 31 16 15	984 817 381 271 358 176 99	57 31 11 26 30 - -	48 63 98 76 82 16 -	13 9 18 47 66 20	181 227 142 74 79 78 31	685 487 112 48 101 62 68 7
\$50,000 or more Medion Mean	\$10 445 \$12 660	\$14 229 \$16 008	\$9 387 \$10 090	21 \$17 645 \$18 619	19 \$19 651 \$22 641	\$13 036 \$15 155	\$4 966 \$7 630	36 \$8 551 \$10 521	\$7 228 \$8 788	\$12 054 \$11 549	\$14 973 \$14 449	\$10 141 \$11 637	\$6 161 \$9 433
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS Specified owner-occupied housing units	3 044	1 051	101	486	217	71	176	1 993	47	125	98	545	1 178
With a mortgage 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 Not mortgaged Less than \$50	1 578 153 154 206 204 161 346 162 133 59 \$372 1 466	799 29 28 67 80 79 237 119 110 40 \$437 252	83 7 - 8 8 6 30 18 6 - \$431 18	464 8 10 28 51 54 140 91 58 24 \$449	191 - 12 21 13 19 51 20 39 16 \$440 26	45 6 6 2 8 - 16 - 7 7 - \$402 26	16 8 - 8 - - - - 5225 160	779 124 126 139 124 82 109 33 23 19 \$300 1 214	38 - 2 14 - 11 11  \$364 9	121 5 7 18 18 12 27 12 16 6 \$401	88 7 23 14 8 25 11 - - - \$300	365 51 69 57 70 26 60 19  13 \$304 180	167 61 25 36 28 8 - 2 7 7 - \$245 1 011
\$50 to \$7/4 \$75 to \$99 \$100 to \$124 \$125 to \$149 \$150 to \$199 \$200 to \$249 \$250 or more	92 351 396 300 220 50 7 \$115	9 61 77 53 2 10 - \$105	4 - - - - - - - - - - - - -	7 7 8 - - - \$114	5 6 8 - - - \$104	5 	- 49 53 30 2 7 - \$106	83 290 319 247 218 40 7 \$118	5 4 - - - - - - 72	4 - - - - - - - 888	5 5 - - - \$112	26 27 62 39 13 - \$135	71 251 292 180 179 27 7 \$115
SELECTED CHARACTERISTICS Median selected monthly owner casts as percentago of household income in 1979 With a martgaged Income in 1979 below poverty level Percent below poverty level	26.7 30.0 21.6 759 14.8	27.3 29.1 13.6 249 12.4	50+ 50+ 10- 81 25.6	28.0 28.7 10— 58 7.2	25.8 26.6 10— 13 3.8	20.2 24.5 10— 35 13.2	24.3 30.0 24.3 62 22.7	26.3 31.5 22.3 510 16.3	44.1 43.6 50+ 35 22.6	35.1 35.5 12.5 35 9.1	25.0 26.2 10— 6 3.5	27.5 29.1 24.4 154 18.5	24.0 39.5 22.2 280 17.6
Renter-occupied housing units	6 352	2 844	938	1 124	266	284	232	3 508	882	822	113	466	1 225
PLUMBING FACILITIES Complete plumbing for exclusive use Locking complete plumbing for exclusive use UNITS IN STRUCTURE	6 191 161	2 746 98	913 25	1 093 31	251 15	257 27	232	3 445 63	863 19	863 19	108 5	454 12	1 217 8
1, detached ar attached 2 3 and 4 5 to 9 10 to 49 50 ar more Mabile hame ar trailer, etc.	1 223 601 576 813 1 923 896 320	659 224 300 375 946 190 150	167 38 113 126 349 81 64	253 145 132 120 369 30 75	76 35 19 33 93 6 4	92 6 30 52 97 - 7	71 6 44 38 73	564 377 276 438 977 706 170	171 83 83 154 283 85 23	163 126 102 90 249 37 55	18 5 26 14 26 - 24	100 69 21 68 138 54 16	112 94 44 112 281 530 52
HOUSEHOLD INCOME IN 1979 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	2 410 1 874 724 482 527 152 99 57 27 \$6 589	782 818 379 268 336 108 69 57 27 \$8 601	341 258 155 72 91 - 6 15 - \$6 988	184 404 137 128 141 70 49 - 11 \$9 570	71 38 49 22 45 27 - 6 8 \$11 224	55 59 31 30 46 11 14 30 8 \$12 258	131 59 7 16 13 - 6 6 - \$4 679	1 628 1 056 345 214 191 44 30	411 287 101 45 38 - - - - \$5 395	228 319 113 73 80 9 - - - \$7 210	47 20 19 14 - 13 - - - \$6 979	221 142 24 31 41 7 - - - \$5 441	721 288 88 51 32 15 30 - \$4 528 \$6 308
Mean	\$8 410	\$10 378	\$6 988 \$8 195	\$11 148	\$12 348	\$15 721	\$6 680	\$6 814	\$6 291	\$7 886	\$8 140	\$6 924	
\$pecified renter-occupied housing units	6 206 612 632 1 561 1 601 797 401 223 131 28 220 \$206	2 750 172 231 696 757 354 216 132 85 20 87 \$216	917 21 42 275 312 107 77 27 6 - 50 \$214	1 084 62 81 251 318 173 83 43 44 11 18 \$221	254 22 34 61 53 24 21 13 17 9 - \$210	276 13 27 71 66 28 29 28 14  \$233	219 54 47 38 8 22 6 21 4 - 19 \$148	3 456 440 401 865 844 443 185 91 46 8 133 \$197	856 23 66 253 282 158 46 13 - - 15 \$211	806 25 117 205 227 133 37 20 24 - 18 \$212	113 6 5 8 51 31 6 - - 6 \$226	466 54 46 139 90 29 36 32 6 - 34 \$186	1 215 332 167 260 194 92 60 26 16 8 60 \$171
SELECTED CHARACTERISTICS Median gross rent as percentage of household income in 1979 Income in 1979 below poverty level Percent below poverty level	32.6 1 616 25.4	<b>29.4</b> <b>54</b> 6 19.2	36.3 295 31.4	27.3 91 8.1	25.4 41 15.4	23.3 41 14.4	36.3 78 33.6	35.2 1 070 30.5	43.4 306 34.7	<b>32.1</b> <b>163</b> 19.8	37.0 43 38.1	39.5 181 38.8	30.1 377 30.8

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

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

					To meeting or symbols, see infroduction. For destinions of				
The SMSA	Total	Less thon 2 months	2 up to 6 months	6 or more months	The SMSA	Total	Less than 2 months	2 up to 6 months	6 or more months
Vacant for sale only housing units	1 224	536	507	181	Vacant for rent heusing units	1 604	1 055	436	113
ROOMS					ROOMS				
1 to 3 rooms	99 234 290 278 157 166 5.5	25 92 94 115 103 107 6.0	39 113 171 126 43 15 5.1	35 29 25 37 11 44 5.5	1 room	43 96 227 677 357 137 67	26 14 174 434 243 123 41 4.2	13 72 27 207 87 11 19	4 10 26 36 27 3 7 4.0
PLUMBING FACILITIES					PLUMBING FACILITIES			4.0	7.0
Complete plumbing for exclusive use  Locking complete plumbing for exclusive use	1 218	530	507 -	181	Complete plumbing for exclusive use Locking complete plumbing for exclusive use	1 584 20	1 053 2	422 14	109
BEDROOMS None	_	_	_	_	BEDROOMS				
1	80 467 483 178 16	17 179 202 135 3	18 249 209 31	45 39 72 12 13	None	51 364 828 313 36	26 206 562 235 26	21 114 230 52	4 44 36 26 3
YEAR STRUCTURE BUILT					5 or more	12		12	-
1975 to Morch 1980	662 238 151 65 47 61	347 41 47 20 33 48	220 161 64 35 14 13	95 36 40 10 -	YEAR STRUCTURE BUILT  1975 to March 1980	614 249 162 130 200	437 182 125 80 108	153 58 32 26 87	24 9 5 24 5
UNITS IN STRUCTURE	819	439	276	104	1939 or earlier	249	123	80	46
2 or more Mobile home or trailer  HEATING EQUIPMENT	344 61	68 29	202 29	74	1, detoched or ottoched	436 173	278 100	130 45	28
Centrol heating systemOther meansNone	1 126 98 -	494 42 -	475 32 -	157 24 —	3 and 4	270 195 382 64 84	222 126 229 39 61	30 69 126 18 18	18 27 7 5
PRICE ASKED	74.5	407	242		RENT ASKED	,			
Specified vacant for sale only housing units Less than \$10,000	765 12 8 13 23 68 136 275 163 67 \$66 200	427 8 6 45 82 148 118 20 \$66 800	243 12 - 13 17 23 44 74 29 31 \$61 500	95 - - - 10 53 16 \$76 500	Specified vacant for rent housing units	1 597 63 133 198 320 384 414 85 \$259	1 048 38 98 93 181 279 309 50 \$266	436 18 30 77 126 74 76 35 \$230	113 7 5 28 13 31 29 - \$253

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

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

		Price osked	Specified	vocant for s	ale only hou	sing units			Rent oske	d-Specified	l vocant for	rent housing	units	
The SMSA	Total	Less thon \$10,000	\$10,000 to \$29,999	\$30,000 to \$49,999	\$50,000 to \$99,999	\$100,000 or more	Medion (dollors)	Total	Less thon \$100	\$100 to \$199	\$200 to \$299	\$300 to \$399	\$400 or more	Medion (dollors)
Tatal	765	12	21	91	574	67	66 200	1 597	63	331	704	414	85	259
PLUMBING FACILITIES														
Complete plumbing for exclusive use Lacking complete plumbing for exclusive use	765 -	12	21	91 	574 -	67 -	66 200 -	1 577 20	59 4	315 16	704 	414	85 	260 183
BEDROOMS														
None 1 2 3 4 4 5 or more	14 160 402 173 16	12 - - - -	- 9 12 - -	2 46 43 - -	105 311 152 6	- - 36 21 10	10000— 53 800 67 400 83 200 105 000	51 357 828 313 36 12	17 29 17 - -	26 211 58 30 -	8 84 526 78 8	33 192 172 17	- 35 33 11 6	132 182 263 322 345 280
YEAR STRUCTURE BUILT														
1975 to March 1980 1970 to 1974 1960 to 1969 1950 to 1959 1940 to 1949 1939 or earlier	468 72 87 53 37 48	- 12 - -	- 4 5 12	18 2 14 17 25 15	383 70 57 31 -	67 - - - - -	75 200 76 400 55 800 53 200 41 600 53 000	614 249 162 130 193 249	31 9 3 - - 20	37 35 37 63 58 101	252 142 93 25 110 82	248 52 29 35 25 25	46 11 - 7 - 21	294 256 226 203 220 203
UNITS IN STRUCTURE														
1, detoched or ottoched 2 or more Mobile home or trailer	765 	12 	21 	91 	574 	67 	66 200 	429 1 084 84	13 38 12	44 249 38	175 501 28	166 242 6	31 54 	286 259 168

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

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and 8]

	[Data ore estimat		a comple, co	***************************************	TO MICONIN	9 01 071110013,	Sec illifodec	non. Tor acr	minoria di Tor	ma, see oppen	aixes A dila bj		
Fort Collins city	Total	Less thon \$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	Medion (dollors)	Mean (dollars)
Specified owner-occupied housing units	9 957	97	72	124	404	835	1 484	4 553	1 591	663	134	67 600	70 500
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER Married-couple families	7 677	36	35	64	226	460	1 039	3 643	1 468	582	124	70 100	73 700
15 to 24 years 25 to 34 years	137 2 410	_	-	6 7	6 20	460 13 74	32 333	80 1 392	422	- 147	_ 15	62 500 70 000	59 700 73 600
35 to 44 years	1 755 2 484 891	14 6 16	- 7 28	20 - 31	11 97 92	60 156 157	174 336 164	748 1 139 284	484 492 70	212 180 43	32 71 6	75 100 70 700 57 700	80 400 75 400 58 500
65 years and over Male householder, no wife present 15 to 24 years	<b>784</b> 131	44 31	13	11	<b>47</b> 8	75 11	166 25	<b>351</b> 56	53 -	24	-	<b>62 000</b> 56 600	<b>60 500</b> 49 100
25 to 34 years 35 to 44 years	359 123 113	- 7 6	-	- - 5	22 5 6	42 9	86 32 23	180 43 46	16 21	13 6 6 5	-	63 400 63 900	64 800 65 000
45 to 64 years 65 years and over Female householder, no husband present	58 1 <b>496</b>	17	13 24	6	6 131	6 7 <b>300</b>	279	26 <b>559</b>	16 - <b>70</b>	57	10	62 300 42 900 <b>58 000</b>	63 000 45 300 <b>58 900</b>
15 to 24 years	95 228 187	-	-	5	- 5 16	12 40 25	41 58 17	32 101 106	12 5	5 5 11	7	57 700 61 400 63 400	60 600 65 200
35 to 44 years 45 to 64 years 65 years and over	402 584	5 12	10 14	14 23	31 79	53 170	50 113	182 138	36 17	18 18	3 -	62 400 49 700	63 200 62 600 52 200
Median age	42.4	41.5	72.5	64.3	62.2	55.4	41.9	38.7	41.1	42.4	46.3	•••	•••
YEAR HOUSEHOLDER MOVED INTO UNIT 1979 to Morch 1980 1975 to 1978	2 127 3 606	13 40	13 10	12 8	18 55	52 242	301 522	1 096	403 642	184 265	35 25	70 000 70 500	76 500 72 400
1970 to 1974	1 557 1 587	13 10	_ 23	18 13 73	38 151	126 183	238 244	702 647	273 212	106 73	43 31	70 000 63 <b>7</b> 00	73 500 66 300
1959 or earlier	1 080	21	26	/3	142	232	179	311	61	35	-	52 700	53 900
1 to 3 rooms4 rooms	157 639	49 28	9 56	6 50	31 113	21 162	15 116	26 103	- -	-	11	37 300 43 400	33 800 46 300
5 rooms 6 rooms 7 rooms	1 328 1 613 2 238	14 6 -	- - 7	56 7 5	103 88 25	324 156 83	389 384 332	391 790 1 268	44 124 407	7 52 111	6	53 300 62 600 69 400	54 100 64 100 71 500
8 or more rooms	3 982 7.1	3.5	4.0	4.6	44 5.1	89 5.2	248 6.1	1 9 <b>7</b> 5 7.3	1 016 8.0	493 8.5+	117 8.5+	76 500	83 200
BEDROOMS None	7	_	_	_	7			_			_	37 500	37 500
1	198 1 778	31 60	9 63	11 88	17 199	65 378	20 459	38 462	7 38	13	_ 18	43 300 51 800	42 400 52 000
3 4 5 or more	4 110 2 987 877	6	= = =	25 _	146 23 12	321 50 21	706 221 78	2 070 1 638 345	630 653 263	190 345 115	18 22 51 43	66 400 74 800 78 700	69 200 80 400 86 400
YEAR STRUCTURE BUILT						21	, 0	545	200	713	~~	70 700	00 400
1975 to March 1980 1970 to 1974 1960 to 1969	2 949 1 681 2 202	6 15 32	13 10	2 - 5	3 17 45	16 46 168	225 205 392	1 583 880 1 082	721 359	324 119 144	56 30 28	76 000 72 600 66 600	81 400 76 100 70 400
1950 to 1959	1 360 415	24	- - 7	16 19	107 34	217 121	294 87	567 131	306 79 16	46	10	60 400 53 100	60 900 54 400
1939 or earlier	1 350	20	42	82	198	267	281	310	110	30	10	52 000	54 100
HOUSEHOLD INCOME IN 1979 Less than \$5,000 \$5,000 to \$9,999	465 737	31 34	21 9	23 27	69 116	95 175	74 149	120 146	14 47	11 24	7 10	49 300 50 300	51 000 54 000
\$10,000 to \$12,499 \$12,500 to \$14,999 \$15,000 to \$19,999	421 519	11	19 13 10	7 14 31	31 32	68 65	79 106 314	156 243 695	44 16 124	- 24 11	6	59 500 61 000 63 200	58 100 59 800 62 800
\$20,000 to \$24,999 \$25,000 to \$34,999	1 381 1 657 2 532	- - 9	-	14	64 57 14	132 128 122	286 332	905 1 407	216 461	43 165	8 14	67 500 70 400	68 600 73 200
\$35,000 to \$49,999 \$50,000 or more	1 499 746	6	- - -		21	38 12	122	656 225 \$25 090	409 260 \$31 375	231 154	16 73 \$51 649	76 900 87 700	81 300 100 800
Mean	\$24 283 \$26 517	\$6 823 \$10 214	\$10 789 \$9 4 <b>7</b> 5	\$13 393 \$12 686	\$11 371 \$13 639	\$15 417 \$16 776	\$20 270 \$21 022	\$26 460	\$34 770	\$37 215 \$40 429	\$51 649 \$55 759	:::	
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD													
With a mortgage	7 965 2 084	7	17 10	20	<b>208</b> 89	<b>520</b> 138	1 132 229	3 909 969	1 <b>450</b> 404	<b>592</b> 187	110 51	<b>70 000</b> 71 300	<b>73 800</b> 75 900
15 to 19 percent	1 495 1 191	-	- -	7 6	27 11	134 <b>7</b> 0	216 200	677 612	308 189	114 96	12 7	69 700 69 900	73 100 73 000
25 to 29 percent	1 129 718 1 343	- - 7	- 1 - 7	-	33 5 43	53 45 80	175 113 194	535 389 727	234 124 191	81 42 72	18 - 22	69 300 68 700 69 300	74 600   72 400   71 900
35 percent or more Not computed Median	21.7	50+	14.2	- 17.1	17.8	- 19.6	5 23.0	22.5	20.3	19.8	16.7	57 500	57 500
Not mortgaged Less than 10 percent Less than 10 percent	1 992 961 372	90 45 21	<b>55</b> 32 9	104 46 26	196 41 27	<b>315</b> 94 54	352 192	<b>644</b> 335 176	141 106 17	71 53 10	24 17	56 800 61 300 61 100	57 300 63 200 55 100
10 to 14 percent	177 116	_	7	- 5	41 25	54 33	32 38 29	44 17	-	-	-	49 000 43 200	50 100 44 900
25 to 29 percent	98 56	7	7	4 18	14 12	33 6 37	17 11 33	8 9 55	- 18	8 - -	-	47 000 39 200 51 700	46 900 44 400 51 500
35 percent or more Not computed Median	201 11 10.4	17 _ 10.0	- 10	5 - 11.2	36 - 18.7	4 15.7	10	10—	10-	10—	7 10—	160 700	126 800
SELECTED CHARACTERISTICS Complete plumbing for exclusive use	9 <b>928</b>	97	62	124	391	835	1 484	4 553	1 585	663	134	67 700	70 600
1.01 or more persons per room Lacking complete plumbing for exclusive use	9 928 40 29	- - -	10	18	13	22	-	4 555 - -	6	-	-	40 900 <b>36 700</b>	37 700 40 000
1.01 or more persons per room  Heating equipment  Central heating system	9 957 9 676	97 86	72 44	124 111	404 344	835 788	1 484 1 453	4 553 4 504	1 591 1 554	- 663 658	134 134	67 600 68 000	<b>70 500</b> 71 100
Air conditioning	1 <b>691</b> 939	18 18	_	9 5	<b>41</b> 19	101 22	<b>278</b> 61	<b>619</b> 359	<b>386</b> 248	<b>207</b> 175	<b>32</b> 32	<b>73 200</b> 79 400	77 800 86 800
Percent below poverty level	418 4.2	<b>36</b> 37.1	14 19.4	10 8.1	53 13.1	<b>70</b> 8.4	<b>64</b> 4.3	128 2.8	25 1.6	11 1.7	<b>7</b> 5.2	55 400	54 300

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

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and 8]

Fort Collins city    100		[Doto ore estimot	es bosed on o	sample, see in	troduction. Fo	or meoning or s	symbols, see in	iroduction. Fo	or definitions o	r terms, see o	opendixes A on	0 8]	
## STATE   PRINCE   P	Fort Collins city	Total											
	Specified renter-occupied housing units	10 780	407	603	2 013	2 008	1 962	1 183	904	973	546	181	256
1   2   2   2   2   2   2   2   2   2	HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER	2 064	21	78	762	201	505	405	261	447	120	54	200
The second case with present   3	15 to 24 years	784	- 2	6	304	113	185	101	48	17	-	10	235
The second case with present   3	35 to 44 years	326	3 -	-	50	39	7	35	33	143	10	9	392
The second case with present   3	65 years and over	218		51	35	25	52	30	7	_	-	6	349 228
35 to 44 years   16 ye	Mole hauseholder, no wife present	1 946	21	82	254	360	345	240	237	174	200	33	267 284
	25 to 34 years			54	47							13	258   220
	45 to 64 years		_ 25		30 10	38	15 6	17 -	21	6	14	- 5	262 106
150   150	Female householder, no husband present	4 038	256	362 112	<b>722</b> 236				<b>251</b>				234 262
## Section of Communication	25 to 34 years	1 053		111	238	251	210	93	35	51	21	11	222
Medin sps	45 to 64 years	232	7	17	63	49	16	27			8		215
1979 brown   1960									24.7	29.3			
1975   1976		7 442	145	373	1 104	1 275	1 217	034	747	770	475	92	271
1900   169	1975 to 1978	2 721	216	153	626	543	582	185	117			50	233
Floors	1960 to 1969	133	37	6	33	32		6	6	-	8		210
1 com		/4		21	3/	٦	_	_	_	_	4	-	182
1   177   12   40   102   264   349   311   338   350   55   52   320   340	1 room				165	39		16	_	_	-	-	
1   177   12   40   102   264   349   311   338   350   55   52   320   340	3 rooms	2 001	91	207	543	635	240		50		7	37	208
Tempore some	5 rooms	1 787	12	40	102	266	340	311	338	300	55	23	320
PUMBRING SACIUTISE BY PESSONS PER ROOM   AMP POYEST STATISE IN 1979   10 780   407   203   2 038   1 962   1 183   904   973   544   181   2256   181   18	7 or more rooms	851		6	20	28	12	52	89	274	333	25	413 471
AND POYERTY STATUS MI 1979  AND POYERT STATUS MI 1979  AND POYERTY STATUS MI 1979  AND POYER STATUS MI 1979  AND POYERTY STATUS MI 1979  AND P	THE REST OF THE PARTY OF THE PA	4.0	2.2	3.0	3.5	3.6	4.1	4.2	4.8	5.6	6.9	4.2	•••
Complete purching for evolutive u.s.	AND POVERTY STATUS IN 1979												
Cooling complete plumbing for exclusive use   203   75   27   42   37   5     -   10     6   128	Complete plumbing for exclusive use	10 577	332	576	1 970	1 971	1 957	1 183	904	963	546	175	<b>256</b>   259
Cooling complete plumbing for orbicable use   203   75   27   43   37   5   -		3 565	212 120	401 161	1 233   665		1 388 553			485 450	268 266		251 280
Cooling complete plumbing for orbicable use   203   75   27   43   37   5   -	1.01 to 1.50		_	-   14	43 29	26 33		54 -	24			5	313
0.51 b 1.00	Locking complete plumbing for exclusive use		75 33		43 20	37 28	5 -	_	_	10	-	6	128 153
1.51 cm rote	0.51 to 1.00	105	42		17	9	5	-	_	10	-	<u> </u>	122
1.01 or more persons per room	1.51 or more	-	-	-	-	-	-	_	_	=	-	-	-
LOT or more persons per rorom	Complete plumbing for exclusive use	2 931			600	502	<b>489</b> 489	311					252
Section of the persons per room	Locking complete plumbing for exclusive use		31	27		32 5	7	43	8 -	16 6	5 -	_	308   117
None	1.01 or more persons per room	-	-	-	-	-	-	-	-	-	-	-	-
2 -	None	487	140	82		50		16	<u>-</u>		-		
450   12		5 219	209   34	114	925	841 963	220 1 552	86 852	38 395	272		56   80	267
UNITS IN STRUCTURE    1   1   2   247   259   323   329   342   654   461   115   361   361   362   365   36		450		40	40	149   5		215 14			247	28 11	
1. detached or attached   2 884   35   119   247   259   322   329   342   654   461   115   361	300.7	179	-	6	6	-	5	-	-	55	101	6	500+
5 to 9	1, detached or attoched	2 884	35		247	259	323	329	342	654	461		361
10 to 49	2 3 ond 4		20	61	221	201	321	203	144 117	93 98	27 38	16	272   277
Mobile home or troiler, etc.   234			137	83 94	259 787	307 836	142   779	78 254	56 171	49 62		17	225 231
YEAR STRUCTURE BUILT	50 or more		202	121	259		143			17	~	24	188
1970 to 1974	YEAR STRUCTURE BUILT		,			-							
1960 to 1969	1970 to 1974	2 442	80	96   109	129 383	582	369 526	360	181 182	141	51	28	255
STORIES IN STRUCTURE	1950 to 1959	2 906 1 237		97 68	612 334	710	657 133	245 105	217 116	137 169	134 95	48 14	247 252
STORIES IN STRUCTURE	1940 to 1949	732	27	85	212	41	115	77	74	64	23 28		233
A or more	STORIES IN STRUCTURE												
CROSS RENT AS PERCENTAGE OF HOUSEHOLD   INCOME IN 1979	4 or more	274		57 i	1 954 59		1 954   8	14	904 -	968 5	546 -	17	
INCOME IN 1979	CONTRACTOR OF THE PARTY OF THE	199	71	57	27	-	8	14	-	5	-	17	115
1 378   95   105   267   313   234   81   97   155   31     234	INCOME IN 1979												
20 to 24 percent	15 to 19 percent	1 378	74 95	58 105	267 1	313	234	81	97	27 155	31		225 234
50 percent or more 2 451   11   76   462   487   441   354   269   182   169     270   Not computed 296   17   15   34   11   8   _ 5   5   25   _ 181   186   Median 30.5   21.4   27.9   29.6   29.9   30.2   32.8   32.6   31.6   38.1      SELECTED CHARACTERISTICS  Heating equipment 10 780   407   603   2 013   2 008   1 962   1 183   904   973   546   181   256   Central heating system 10 172   359   511   1 830   1 926   1 866   1 159   880   941   536   164   260   Air conditioning 3 481   64   122   333   946   1 076   432   268   160   22   58   261	25 to 29 percent	1 338	62	59 123	255 250	226	308 238	128	128	138	45	•••	252
50 percent or more 2 451   11   76   462   487   441   354   269   182   169     270   Not computed 296   17   15   34   11   8   _ 5   5   25   _ 181   186   Median 30.5   21.4   27.9   29.6   29.9   30.2   32.8   32.6   31.6   38.1      SELECTED CHARACTERISTICS  Heating equipment 10 780   407   603   2 013   2 008   1 962   1 183   904   973   546   181   256   Central heating system 10 172   359   511   1 830   1 926   1 866   1 159   880   941   536   164   260   Air conditioning 3 481   64   122   333   946   1 076   432   268   160   22   58   261	35 to 49 percent	1 032 1 853	23 31	47 120	122 386	160   345	308	165 166	121 122	110 218	47 157		284 258
Medion	Not computed	2 451	11	76	462	487		354	269 5	182			270 186
Heating equipment     10 780     407     603     2 013     2 008     1 962     1 183     904     973     546     181     256       Central heating system     10 172     359     511     1 830     1 926     1 866     1 159     880     941     536     164     260       Air conditioning     3 481     64     122     333     946     1 076     432     268     160     22     58     261	Median						30.2	32.8	32.6		38.1		
Central heating system 10 172 359 511 1 830 1 926 1 866 1 159 880 941 536 164 260 Air conditioning 3 481 64 122 333 946 1 076 432 268 160 22 58 261	Heating equipment	10 780	407		2 013	2 008	1 962	1 183	904		546		
Centrol system 944 6 30 100 239 273 123 65 49 15 44 264	Central heating system	10 172 3 481	359	511 122	1 830 333	1 926   <b>946</b>	1 076	432	268	941 <b>160</b>	22	164 <b>58</b>	261
	Central system	944	6		100	239		123			15		

# 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]

					Но	usehold incor	ne in 1979						
Fort Collins city	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	,\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Medion (dollars)	Mean (dallars)	Income in 1979 below poverty level
Owner-occupied housing units	12 649	781	1 167	675	705	1 914	1 898	2 945	1 708	856	22 517	25 007	700
## HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER    Married-couple families	8 920 202 2 770 1 979 2 824 1 145 1 404 344 602 174 194 90 2 325 179 444 296 609 797 41.8	146 5 28 12 49 52 128 67 12 13 6 30 507 69 53 25 77 283 62.1	434 12 67 32 83 240 170 75 53 4 28 10 563 28 75 73 110 277 62.0	379 22 69 36 82 170 78 78 - 218 - 218 5 81 14 64 54 52.6	339 21 85 19 77 137 147 30 60 23 12 22 219 26 72 33 64 24	1 249 60 551 185 291 162 272 47 140 43 38 4 393 23 97 97 118 58 35.9	1 458 52 650 289 366 101 223 18 132 25 37 11 217 6 47 46 80 39 35.9	2 549 24 866 714 814 131 245 43 120 43 32 7 151 12 12 8 63 56 39.3	1 576 314 429 725 108 99 5 64 5 19 6 33 11 - 22 -	790 6 140 263 337 44 42 6 4 18 11 - 24 - 7 - 11	26 646 17 440 24 378 30 599 30 790 14 516 18 528 11 415 20 586 20 909 20 833 13 068 11 061 8 958 12 951 15 087 14 590 7 062	28 901 18 494 26 295 33 741 32 791 19 082 20 555 14 302 22 487 25 435 24 082 14 504 12 756 11 730 13 118 13 836 15 950 9 943	148 15 22 18 63 30 156 112 15 17 12  396 83 75 25 77 136 38.3
YEAR HOUSEHOLDER MOVED INTO UNIT  1979 to March 1980	3 161 4 596 1 892 1 857 1 143	221 146 86 159 169	225 359 142 177 264	197 179 74 118 107	194 261 111 92 47	550 785 237 224 118	579 772 241 167 139	701 1 178 476 437 153	317 622 330 307 132	177 294 195 176 14	21 470 23 431 26 741 24 673 14 176	24 167 25 392 28 169 26 472 18 169	238 165 97 104 96
SELECTED CHARACTERISTICS  Complete plumbing for exclusive use	12 609 102 40 6 12 649 12 310 2 945 1 686 12 340 3 278 9 062 12 649 11 186 53 1 307 	781 9 - 781 755 226 135 614 431 183 781 729 5 40 - 7 4.6	1 167 7 - 1 167 1 097 344 179 1 066 611 455 1 167 7 78 - 5 5.1	665 9 10 	705 - 705 665 211 116 695 340 355 705 621 4 63 - 17 5.5	1 901 36 13 1 914 1 840 359 183 1 914 601 1 313 1 914 1 663 7 218 26 6.3	1 898 4 —— 1 898 1 871 289 1 52 1 898 1 430 1 898 1 594 9 282 13 6.9	2 945 20 2 945 2 905 655 360 2 945 373 2 572 2 945 2 604 17 306 - 18 7.3	1 697 17 11 6 1 708 413 277 1 702 93 1 609 1 708 1 537 158 13 7.5	850 -6 856 856 285 195 856 33 823 856 759 - 97 - 8.2	22 526 17 321 19 423 40 906 22 517 22 798 22 328 24 329 22 969 14 478 26 724 22 517 22 604 17 321 22 640 19 013 	24 989 21 233 30 759 47 700 25 007 25 232 26 019 27 870 25 484 15 705 29 022 25 007 24 876 17 617 26 761 20 773 	700 9 - 700 675 191 90 580 308 272 700 635 5 5 7 5.0
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS  With a mortgage Less than \$200 \$200 to \$249 \$250 to \$299 \$300 to \$349 \$350 to \$399 \$400 to \$499 \$500 to \$579 \$600 to \$749 \$750 or more Median  Not mortgaged 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	7 965 291 471 622 783 949 1 688 1 506 1 238 417 \$450 1 992 44 140 336 440 433 491 65 43 \$127	162 38 6 15 29 32 12 5 - \$338 303 11 77 91 22 54 - 7	299 29 50 36 42 34 43 22 36 7 \$341 438 14 48 122 96 64 57 30 7	274 23 32 36 16 19 60 44 37 7 \$419 147 - 10 25 59 38 15 - - \$116	396 22 31 38 73 51 81 42 40 18 \$383 19 3 23 19 29 30 - -	1 150 93 68 86 106 150 258 227 132 30 \$423 231 - 35 57 75 58 6	1 478 35 59 82 136 181 395 301 237 52 \$469 179  8 24 31 42 64 6 4	2 261 51 133 197 259 258 452 447 368 96 \$447 271 	1 288 	657  26 12 37 106 129 133 124 90 \$514  89 12 21 39 9 8 \$165	25 967 16 214 24 291 25 492 24 417 24 985 24 540 26 698 27 332 29 896  14 695 6 964 7 738 8 385 11 398 11 398 1	28 428 16 169 25 131 25 486 25 426 28 715 27 058 29 418 31 564 42 730  18 877 8 561 11 453 16 133 22 925 23 878 21 961 31 247 	223 34 6 23 42 30 38 26 24 - \$361 195 7 7 26 54 41 41 6 7 8106
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979 With a mortgage Less than 15 percent 15 to 19 percent 20 to 24 percent 25 to 29 percent 30 to 34 percent 35 percent armore 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 armore Not computed Median	7 965 2 084 1 495 1 191 1 129 718 1 343 5 21.7 1 992 177 116 98 56 201 11 10.4	162 - - - 157 5 50+ 303 - 4 15 42 25 51 155 11 36.8	299 - - - - - - - - - - - - -	274 -7 33 26 28 180 -44.9 147 28 91 22 6   12.5	396 10 30 29 76 74 177  33.6 123 57 49 17  - - - 10.5	1 150 90 132 148 212 216 352  29.8 231 128 103  - -	1 478 134 238 294 373 254 185 - 26.0 179 152 27 - - -	2 261 676 604 499 333 122 27 - 18.8 271 265 6 - - - - - 10—	1 288 583 434 175 79 5 12 - 15.7 211 207 4 - - - - -	657 591 50 7 4 - 5 - 10.7 89 - - - - - -	25 967 37 385 30 711 26 796 22 708 20 372 13 722 2500—  14 695 27 164 12 653 8 257 5 816 6 364 3 873 3 275 2500— 	28 428 42 564 30 925 26 718 23 816 20 399 13 520 -4 635  18 877 30 087 13 465 8 258 5 879 5 991 4 267 3 531	223 4 6 - 13 8 187 5 50+ 195 - 17 10 21 131 11 50.0

# 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]

					Но	usehold incor	me in 1979						
Fort Collins city	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Medion (dollors)	Mean (dollars)	Income in 1979 below poverty level
Renter-occupied housing units	10 874	2 351	2 953	1 428	1 089	1 498	685	596	232	42	10 233	11 894	3 020
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER  Married-couple families  15 to 24 years 25 to 34 years 35 to 44 years 45 to 64 years 65 years and over Male householder, no wife present 15 to 24 years 25 to 34 years 35 to 44 years 45 to 64 years 65 years and over Femole householder, no husband present 15 to 24 years 45 to 64 years 45 to 64 years 55 years and over Femole householder, no husband present 15 to 24 years 45 to 64 years 45 to 64 years 45 to 64 years 65 years and over 65 years and over	3 113 784 1 383 339 383 224 3 699 1 954 1 357 161 146 81 4 062 1 872 1 059 1 96 232 703 26.6	258 78 146 21 13 	719 231 254 55 51 128 983 515 401 26 31 10 1 251 607 363 43 46 192 25.9	414 180 163 38 13 20 536 351 132 29 24 - 478 254 134 38 19 33 24.5	316 75 150 27 42 22 2449 252 174 11 12 - 324 139 109 30 18 28 26.2	555 115 271 89 75 5 574 267 251 22 29 5 369 145 127 42 35 20 27.5	332 58 166 36 59 13 228 83 133 6 6 7 125 64 36 59 135 135 135 135 135 135 135 135 135 135	373 47 168 57 88 13 194 13 111 - 29 5 16 - 8 30.8	123 -5 16 19 23 81 41 9 12 19 - 28 20 8 - - 31.0	23 	13 809 11 153 14 642 17 227 19 840 9 420 11 080 10 691 12 263 11 940 13 333 3 937 6 811 7 7892 11 118 7 734 4 507	15 765 12 244 15 954 15 954 16 14 052 12 505 11 677 13 362 15 924 16 149 4 733 8 372 8 439 9 485 10 523 8 615 5 836	369 99 181 50 34 5 985 744 178 37 - 26 1 666 1 044 295 38 102 187 23.8
YEAR HOUSEHOLDER MOVED INTO UNIT  1979 to March 1980  1975 to 1978  1970 to 1974  1960 to 1969  1959 or earlier	7 489 2 728 415 168 74	1 543 601 101 78 28	2 047 740 104 29 33	1 050 317 50 11	738 300 51 - -	1 065 376 39 18	473 162 36 14	412 159 22 - 3	151 57 12 6 6	10 16 - 12 4	10 368 10 181 10 125 5 600 6 125	11 822 11 995 12 109 13 065 11 670	2 267 647 50 33 23
PLUMBING FACILITIES BY PERSONS PER ROOM  Complete plumbing for exclusive use	10 665 6 785 3 596 197 87 209 98 105	2 254 1 638 596 20 - 97 37 60	2 911 1 877 950 44 40 42 27 15	1 407 898 463 31 15 21 12 9	1 064 699 345 16 4 25 7 12 6	1 478 868 520 66 24 20 15 5	681 349 326 6 - 4 - 4	596 290 288 14 4 - -	232 134 98 - - - -	<b>42</b> 32 10	10 298 9 640 11 361 13 047 10 583 5 750 6 500 4 464 13 750	11 979 11 268 13 258 12 998 12 156 7 596 8 294 6 635 13 005	2 938 1 612 1 196 100 30 82 22 60 -
SELECTED CHARACTERISTICS  Heating equipment	10 874 10 247 3 485 944 9 577 5 047 4 630 10 874 8 801 69 1 820 99 85 4.0	2 351 2 147 699 205 1 643 1 185 458 2 351 1 837 14 447 37 16 3.5	2 953 2 741 944 202 2 580 1 605 975 2 953 2 425 29 455 33 111 3.8	1 428 1 388 462 130 1 353 674 679 1 428 1 168 	1 089 1 029 433 126 1 062 487 575 1 089 913 5 164	1 498 1 426 447 126 1 487 624 863 1 498 1 220 7 233 18 20 4.3	685 657 218 58 682 250 432 685 538 - 139 - 8	596 585 170 54 596 162 434 596 472 14 97 8 5 5.4	232 232 101 43 232 60 172 232 191 41 41	42 42 11 - 42 42 42 37 - 5	10 233 10 424 10 538 11 250 11 137 9 052 13 383 10 233 10 296 8 882 10 084 6 157 12 153	11 894 12 085 12 130 12 532 12 728 10 376 15 293 11 894 13 154 11 697 8 943 12 376	3 020 2 794 798 218 2 538 1 293 1 245 3 020 2 412 24 526 35 23 3.9
Specified renter-occupied housing units	577 875 2 253 2 444 1 797 1 107 926 566 54 181 \$231	2 331 363 326 639 511 211 102 90 21 - 68 \$180	2 928 121 394 821 679 426 246 246 114 77 5 45 \$207	33 64 352 369 294 111 116 79 - 5 \$233	1 083 18 32 169 293 222 199 96 48 6 - \$257	24 32 168 335 327 225 202 121 11 39 \$271	680 6 18 73 161 113 109 94 79 12 15 \$287	596 6 9 21 31 131 97 181 105 10 5 \$350	6 - 5 60 67 18 28 32 5 4 \$267	30 - - 5 5 6 - 5 4 5 - 5 5	4 289 6 176 7 371 10 217 12 224 13 687 16 382 17 231 21 042 7 656	6 046 7 131 8 635 11 317 13 983 14 157 17 508 18 861 24 520 10 037	210 296 641 610 459 321 256 141 14 65 \$222
GROSS RENT  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 cosh rent Medion	407 603 2 013 2 008 1 962 1 183 904 973 546 181 \$256	299 246 622 473 289 134 122 59 19 68 \$194	71 264 773 596 504 311 182 122 122 45 \$229	- 65 280 303 336 174 80 101 79 5 \$258	18 5 115 221 269 150 130 131 44 - \$281	13 17 145 233 285 237 179 209 127 39 \$306	6 -58 101 132 71 95 122 80 15 \$325	- 15 33 71 87 94 195 96 5	6 5 43 65 19 22 29 32 4 \$296	- - 5 11 - - 5 9	3 971 5 758 7 011 9 443 11 399 12 105 13 808 17 188 17 778 7 656	5 040 6 396 8 125 10 708 12 881 13 181 14 518 18 018 19 351 10 037	154 210 613 507 489 311 337 189 138 65 \$249
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979  Less than 15 percent	949 1 378 1 483 1 338 1 032 1 853 2 451 296 30.5	22 47 86 74 46 277 1 596 183 50+	15 118 208 433 342 1 028 739 45 38.6	30 201 257 289 300 236 105 5	57 202 266 200 184 163 11 - 25.4	196 361 381 242 135 130 - 39 22.2	206 168 161 91 20 19 - 15	205 253 119 9 5 - - 5	188 28 5 - - - 4	`30 - - - - - - 10—	23 936 16 845 14 290 11 401 11 067 7 774 4 093 2500—	26 318 18 003 14 910 11 834 11 162 8 600 4 408 5 681	77 94 86 99 158 491 1 828 180 50+

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

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

Fort Collins city	Total	Less thon \$200	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 ta \$599	\$600 to \$749	\$750 ar mare	Median (dallars)
Specified owner-occupied housing units	7 965	291	471	622	783	949	1 688	1 506	1 238	417	450
PERSONS IN UNIT  1 person 2 persons 3 persons 4 persons 5 persons 6 persons 7 persons 8 or more persons Medion	646 2 410 1 788 1 961 888 188 61 23 3.02	70 150 52 8 - 11 - 2.00	61 182 107 73 48 - - - 2.46	54 201 108 167 87 5 - 3.02	87 325 157 131 61 11 5 6	56 229 232 299 104 17 6 6 6	161 445 436 470 146 22 8 -	62 477 299 359 217 69 23 -	73 269 291 363 164 53 14 11 3.45	22 132 106 91 61 - 5 - 3.01	396 427 458 461 498 541 550 396
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER  Married-couple families  15 to 24 years  25 to 34 years  35 to 44 years  45 to 64 years  65 years and over  Mole householder, no wife present  15 to 24 years  25 to 34 years  35 to 44 years  45 to 64 years  45 to 64 years	6 429 131 2 382 1 678 1 980 258 665 94 359 116 96	181 7 26 8 99 41 27 11 4	371 	501 - 73 144 250 34 32 - 5 5 22 5	582 11 139 108 295 29 56 4 41 5	773 8 260 220 241 44 44 - 31 6	1 330 38 622 358 279 33 184 29 105 31	1 288 29 561 349 336 13 120 27 73 7	1 071 38 528 315 190  129 23 60 24 22	332 	460 505 509 482 372 305 482 511 488 450 439
65 years and over	871 86 218 172 278 117 38.1	- 83 - 14 7 29 33 54.0	- 82 - 5 11 55 11 53.2	89 12 22 23 20 12 45.8	145 - 32 33 44 36 45.9	132 18 36 30 40 8 38.9	174 18 51 38 55 12 34.8	98 34 36 17 11 - 34.9	38 4 15 13 6 - 34.2	30 - 7 - 18 5 36.4	364 481 400 370 340 303
YEAR HOUSEHOLDER MOVED INTO UNIT 1979 to March 1980	2 005 3 331 1 319 1 108 202	22 50 43 129 47	13 61 64 279 54	42 149 196 212 23	52 268 268 170 25	50 435 316 124 24	333 1 036 227 74 18	550 766 115 64 11	705 420 57 56 -	238 146 33 - -	589 463 364 284 250
ROOMS  1 to 3 rooms  4 rooms  5 rooms  7 rooms  8 or mare roams Median	67 383 800 1 247 1 932 3 536 7.3	93 77 44 38 39 5.2	42 69 60 118 182 7.0	15 31 102 98 125 251 7.0	12 41 116 159 204 251 6.8	8 34 94 182 215 416 7.2	71 183 319 423 692 7.1	11 28 85 195 386 801 7.6	21 32 62 146 337 640 7.6	- 11 12 44 86 264 8.2	391 331 369 429 457 491
YEAR STRUCTURE BUILT  1975 ta March 1980	2 830 1 536 1 791 896 218 694	8 33 55 59 44 92	17 4 243 141 10 56	41 63 203 132 52 131	34 217 266 127 33 106	209 282 287 78 25 68	653 431 279 175 29 121	811 241 269 83 25 77	803 164 151 82 -	~ 254 101 38 19 — 5	556 434 372 346 305 332
VALUE  Less than \$10,000	7 17 20 208 520 1 132 3 909 1 450 592 110 \$70 000	7 10 7 25 118 55 41 28 	- - 74 72 84 212 29 - \$60 400	- - 39 90 130 294 58 5 6 63 600	- - 39 63 157 400 100 17 7 \$64 000	7 7 7 7 800 167 507 130 51 -	20 74 318 915 256 85 20 \$68 800	- 6 162 795 355 154 28 \$73 700	- 11 17 49 635 383 138 5 \$77 600	- - - 10 110 111 142 44 \$95 800	175 192 371 256 289 392 453 535 590 579
SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979 Less than 15 percent 15 to 19 percent 20 to 24 percent 35 to 29 percent 30 to 34 percent 35 percent or more Not computed Medion	2 084 1 495 1 191 1 129 718 1 343 5 21.7	180 28 22 17 6 38 -	290 80 30 24 13 34 - 12.9	369 84 60 33 12 64 	315 209 76 71 41 71 -	328 233 149 90 64 85 -	281 427 284 327 132 237 - 22.4	173 267 333 236 219 273 5 24.7	94 142 208 230 161 403 - 28.8	54 25 29 101 70 138 – 30.0	332 423 491 501 542 552 550
SELECTED CHARACTERISTICS  Heating equipment Steam or hot water system Central warm-oir furnace or electric heat pump Other built-in electric units Floor, wall, or pipeless furnoce Other means Air conditioning Central system 1 or more individual room units  Hoose heating fuel Utility gas Bottled, tank, or LP gas Electricity Fuel oil, kerasene, etc. Other	7 965 469 6 654 585 104 153 1 378 800 578 7 965 6 965 22 890 — 88	291 23 232 - 36 - 22 3 19 291 284 7 -	471 13 434 - 5 19 73 11 62 471 465 - - 6	622 42 520 7 27 26 71 20 51 622 606 - 10	783 65 665 12 22 19 127 55 72 783 759 - 12	949 69 810 50 3 17 190 78 112 949 868 - 69	1 688 55 1 433 141 11 48 214 123 91 1 688 1 492 - 162 - 34	1 506 87 1 207 199 - 13 242 155 87 1 506 1 246 - 253 7	1 238 66 994 172 - 6 258 187 71 1 238 913 15 304	417 49 359 4 - 5 181 168 13 417 332 - 80 - 5	450 434 444 541 270 387 495 571 388 450 432 640 576

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

[Data are estimates bosed on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see oppendixes A and 8]

Fort Collins 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 mare	Median (dallors)
Specified owner-occupied housing units	1 992	44	140	336	440	433	491	65	43	127
PERSONS IN UNIT										
1 person	598 1 065	38	58 76	168 128	157 242	100 234	71 307	6 47	25	106 134 141
2 persons3 persons	105	-	6	7	10	46	28	-	8	147
4 persons 5 persons 5	153 40	-	_	15	-	45 8	46 26	12 -	6	142 173 90 175
6 persons	22	-	_	18	_	_	4 9	_	-	90   175
8 or more persons	1.87	1.08	1.66	1.50	1.76	2.00	2.07	2.06	2.36	·- i
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER	1.07	1.00	1.00	1.50	1.70	2.00	2.07	2.00	2.30	
Married-couple families	1 248	-	71	141	247	318	389	50	32	138
15 to 24 years	6 28	- 1	_	6	_	10	18	_	_	88 161
35 to 44 years 45 to 64 years	77 504	_	14	18 35	2 76	5 144	26 183	12 15	_ 25	147
65 years and over	633 119	-	26 31 <b>20</b>	35 82	169	159	162	23	7	147 145 130 74 63
Male householder, no wife present	37	<b>40</b> 14	9	25 14	-	22	_	-	-	63
25 to 34 years	7	7	-	-	_	_	_	_	_	50-
45 to 64 years65 years and over	17 58	6	5 6	11	- 6	22	_	6	_	63 98
Female householder, no husband present	625	4	49	170	187	93	102	9	11	112 72
15 to 24 years 25 to 34 years	10	_	1.5	-	<u>-</u>	3	-	Ξ	7	250+
35 to 44 years	15 124	_	7	- 8	10 33	22	- 45 57	9	_	119 141
65 years and over	467 <b>67.2</b>	60.8	37 <b>65.9</b>	158 <b>72.5</b>	144 <b>70.1</b>	63 66.6	57 <b>63.2</b>	61.0	56.9	106
YEAR HOUSEHOLDER MOVED INTO UNIT	01.2		50.12				34.2			
1979 to March 1980	122	17	17	19	16	21	32	-	-	113
1975 to 1978	275 238	21 _	25 8	33 56 50	20 24	62 29	110 92	22	4 7	141 151 137
1960 to 1969	479 878	6	90	50 178	120 260	138 183	128 129	25 18	12 20	137   116
ROOMS	0,0				200	,,,,	127		20	,,,
1 to 3 roams	90	25	29	25	4	_	7	_	_	67
4 rooms5 rooms	256 528	13	59 30	86 131	76 145	13 120	9 89	- 6	7	91
6 rooms	366 306	6	16	88	88 87	36 117	89 111 90	17	4	121 138
7 rooms	446	-	_	6	40	147	185	36 7.7	32	158
YEAR STRUCTURE BUILT	5.8	3.4	4.2	4.9	5.5	6.9	6.8	/./	8.5+	
1975 to March 1980	119	13	12	6	21	12	51	_	4	141
1970 to 1974	145 411	4 13	4 22	11	64	32 117	78 148	16 28	-	164
1950 to 1959	464	14	22 16	15 57 22 225	105	121	116	9	20	145 132 129 105
1940 to 1949	197 656	-	64	225	49 201	74 77	21 77	12	15	105
VALUE										
Less than \$10,000 \$10,000 to \$19,999	90 55	27 13	25	18 16	20	-	-	-	-	68
\$20,000 to \$29,999	104	13	25 26 22 33 22	31	36	10	5	-	-	99
\$30,000 to \$39,999 \$40,000 to \$49,999	196 315	4	22	78 65 82	61 112	66	12 46	12 -	_	68 64 99 96 115 122
\$50,000 to \$59,999 \$60,000 to \$79,999	352 644	-	- 6	82 46	108 84	84 215	78 261	- 6	26	122 147 150
\$80,000 to \$99,999 \$100,000 to \$149,999	141 71	-	-	-	13	58	46 33	24 16	10	150 186
\$150,000 or more	24	-	-	-			10	7	7	214
MedianSELECTED MONTHLY OWNER COSTS AS	\$56 800	\$10000—	\$27 100	\$45 300	\$49 300	\$63 000	\$66 500	\$92 100	\$66 800	
PERCENTAGE OF HOUSEHOLD INCOME IN 1979										
Less than 10 percent	961 372	33	72 20 22 17	130 75	181 72	247 87	260 88	17 18	21	132 129
15 to 19 percent	177	-	22	40	63	26 37	26	-	-	iii 111
20 to 24 percent	116 98	7	-	40 30 12 21	26 22 25	14	6 43	Ξ	-	139
30 to 34 percent	56 201	-	5	21 28	25 51	5 17	5 63	30	7	107 149
Not computed	11 10.4	10-	10 <u>-</u>	12.5	12.7	10—	10—	14.3	7 10—	250+
SELECTED CHARACTERISTICS	10.4	,0		12.3	,2.,			14.0	.,	
Heating equipment	1 992	44	140	336	440	433	491	65	43	127
Steam or hot water systemCentral warm-air furnace or electric heat pump	175 1 554	44	9 71	10 225	21 375	47 360	67 404	11 42	10 °	150 129 117
Other built-in electric units Floor, wall, or pipeless fumace	20 115		22	6	6 24	- 8	8 6	12	_	117
Other means Air conditioning	128	-	38 14	43 52 <b>47</b> 11	14	18	6	-	19	96 88
Centrol system	313 139	4	14 11		<b>65</b> 10	74 25	<b>90</b> 59	-	19	134 157
1 or more individual room units	174 1 <b>992</b>	44	3 140 129	36 <b>336</b> 325	55 <b>440</b>	49 <b>433</b>	31 <b>491</b>	- 65	43	122   127
Utility gas Battled, tank, or LP gas	1 946	44	129	325	434	427	483	65	39	127
Electricity	40	-	5	ι <u>ī</u>	6	6	8	_	4	117
Other		-	-	-			-			-

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

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and 8]

		Ov	vner-accupied I	nousing units				Rer	nter-accupied h	ousing units		
Fort Collins city	Total	1975 ta March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 ar earlier	Total	1975 ta March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 ar earlier
Occupied housing units	12 649	3 711	2 475	2 882	2 008	1 573	10 874	2 021	2 462	2 930	1 993	1 468
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER Married-couple families	8 920	2 861	1 801	2 102	1 267	889	3 113	593	806	904	539	271
15 ta 24 years 25 to 34 years 35 to 44 years	202 2 770 1 979	74 1 479 728	38 538 536	15 359 447	64 209 118	11 185 150	784 1 383 339	90 312 69	221 306 97	290 367 74	140 258 77	43 140 22
45 to 64 years 65 years and over Male householder, no wife present	2 824 1 145 <b>1 404</b>	483 97 <b>466</b>	553 136 <b>269</b>	949 332 <b>20</b> 6	602 274 <b>271</b>	237 306 192	383 224 3 699	88 34 642	109 73 <b>75</b> 9	103 70 971	52 12 769	140 22 31 35 <b>558</b>
15 to 24 years	344 602	113 225	77 129	77 53	51 100	26 95	1 954 1 357	311 220	439 261	534 342	427 280	243 254
35 ta 44 years 45 to 64 years 65 years and over	174 194 90	67 48 13	18 27 18	27 39 10	27 65 28	35 15 21	161 146 81	46 33 32	24 26 9	36 48 11	32 25 5	243 254 23 14 24
Female householder, no husband present 15 to 24 years 25 to 34 years	2 325 179 444	<b>384</b> 40 144	<b>405</b> 28 108	<b>574</b> 37 72	<b>470</b> 63 57	492 11 63	<b>4 062</b> 1 872 1 059	<b>786</b> 300 187	<b>897</b> 408 190	1 055 547 282	685 319 196	639 298
35 to 44 years	296 609	63 110	85 96	76 202	28 141	44 60	196 232	58 28	83 59	22 52	28 58	204 5 35 97
65 years and over	797 <b>41.8</b>	27 3 <b>3</b> .9	88 <b>39.1</b>	187 <b>50.0</b>	181 <b>51.9</b>	314 <b>58.5</b>	703 <b>26</b> .6	213 28.4	157 <b>26</b> .6	152 <b>25.7</b>	84 <b>26</b> .1	97 <b>26.7</b>
YEAR HOUSEHOLDER MOVED INTO UNIT 1979 to March 1980	3 161 4 596	1 858 1 853	449 1 135	450 783	212 496	192 329	7 489 2 728	1 517	1 687	2 009	1 398	878
1970 to 1974 1960 to 1969	1 892 1 857		891	550 1 099	252 470	199 288	415 168	504 - -	621 154 —	725 124 72	464 69 46	414 68 50
1959 or earlier	1 143	-	-	-	578	565	74	-	-	-	16	58
1 room 2 rooms 3 rooms	14 79 433	8 28 90	140	33 93	18 49	6 61	424 862 2 001	49 125 382	103 235 398	126 244 623	58 132 343	88 126
4 reems5 rooms	1 460 1 933	326 351	317 296	280 405	260 458	277 423	4 165 1 805	663 402	1 078 475	1 197 350	690 359	255 537 219
6 rooms 7 or more rooms Median	1 931 6 799 6.7	545 2 363 7.1	265 1 457 7.0	356 1 715 7.1	442 781 6.0	323 483 5.6	745 872 4.0	197 203 4.2	90 83 4.0	158 232 3.9	194 217 4.2	106 137 4.0
PLUMBING FACILITIES BY PERSONS PER ROOM Complete plumbing for exclusive use	12 609	3 705	2 475	2 882	1 995	1 552	10 665	1 997	2 441	2 910	1 975	1 342
0.50 or less 0.51 to 1.00	10 009 2 498	2 843 847	1 924 532	2 358 508	1 659 302	1 225 309	6 785 3 596	1 321 659	1 500 843	1 813 1 013	1 262 656	889 425
1.01 to 1.50 1.51 or more Lacking complete plumbing for exclusive use	77 25 <b>40</b>	11 4 6	10	16 - -	23 11 13	18 - 21	197 87 <b>209</b>	11 6 <b>24</b>	72 26 <b>21</b>	57 27 <b>2</b> 0	33 24 18	24 4 126
0.50 or less 0.51 to 1.00 1.01 to 1.50	15 19 —	6	=	=	13	15	98 105 6	15 9 	7 14 -	9 11	12 6	67 59
1.51 or more	6	=	-	-	-	6	-		-	=	-	-
1 person 2 persons	2 199 4 497	453 1 190	425 658	430 1 110	424 891	467 648	3 592 3 899	693 684	746 975	928 1 112	642 652	583 476
3 persons 4 persons 5 persons	2 195 2 365 995	733 862 366	448 606 212	493 513 273	354 202 88	167 182 56	1 834 968 351	291 253 66	401 211 58	519 187 143	375 225 58	248 92 26
6 or more persons Median	398 2.42	107 2.79	126 2.84	63 2.41	49 2.15	53 1.99	230 1.97	34 1.96	71 2.00	41 1.98	41 2.04	1.82
Total persons	34 850	11 001	7 445	7 941	4 812	3 651	24 082	4 303	5 498	6 446	4 687	3 148
1, detached or attached2	10 828 215	3 245 23	1 882 43	2 408 21	1 841 56	1 452 72 17	2 978 1 115	524 88	259 78 289	641 227	949 370 130	605 352 156
3 and 4 5 to 9 10 to 49	245 87 357	115 39 134	81 30 122	8 14 55	24 - 27	17 4 19	1 260 998 3 142	381 191 442	291 1 084	304 300 1 070	129 310	87 236 26
50 or more Mobile home or troiler, etc	133 784	17 138	25 292	91 285	60	9	1 147 234	369 26	358 103	316 72	78 27	26 6
SELECTED CHARACTERISTICS Heating equipment Steam or hot water system	12 649 989	3 711 166	2 <b>475</b> 176	2 882 358	2 008 110	1 <b>573</b>	10 <b>874</b> 3 143	2 021 463	2 <b>462</b> 928	2 930 983	1 <b>993</b> 347	1 468 422
Central warm-air furnace or electric heat pump	10 225 820	2 652 807	2 272	2 440 13	1 755 -	1 106	5 602 1 089	1 018 478	1 189 300	1 584 227	1 173 62	638 22
Floor, wall, or pipeless furnace Other means Air conditioning	276 339 <b>2 945</b>	11 75 <b>938</b>	27 801	26 45 <b>774</b>	70 73 <b>304</b>	169 119 128	413 627 <b>3 485</b>	15 47 <b>816</b>	13 32 1 <b>395</b>	40 96 <b>1 063</b>	188 223 <b>165</b>	157 229 46 32
Central system	1 686 1 259 <b>12 649</b>	673 265 <b>3 71</b> 1	536 265 <b>2 475</b>	374 400 2 882	64 240 <b>2 00</b> 8	39 89 1 <b>573</b>	944 2 541 10 874	260 556 <b>2 021</b>	378 1 017 <b>2 462</b>	231 832 2 930	43 122 1 993	32   14   1 468
Utility gas Bottled, tank, or LP gas	11 186 53	2 405 35	2 430 4	2 810	1 994	1 547 5	8 801 69	1 298 15	1 837 21	2 464 16	1 993 1 839 17	1 363
Electricity Fuel oil, kerasene, etc Other	1 307 - 103	1 227 - 44	30 11	37 _ 35	5 - -	8   -	1 820 99 85	695 13 —	570 13 21	384 36 30	123 8 6	48 29 28
Income in 1979 below poverty level Percent below poverty level	<b>700</b> 5.5	100 2.7	124 5.0	<b>157</b> 5.4	1 <b>45</b> 7.2	174 11.1	3 <b>020</b> 27.8	<b>462</b> 22.9	<b>580</b> 23.6	834 28.5	619 31.1	<b>525</b> 35.8
HOUSEHOLD INCOME IN 1979 Less than \$5,000 \$5,000 to \$9,999	781 1 167	93 176	144 179	178 245	137 297	229 270	2 351 2 953	395 485	461 618	632 821	451 498	412 531
\$10,000 ta \$12,499 \$12,500 to \$14 999	67 <b>5</b> 705	180 175	95 119	166 165	121 117	113 129	1 428 1 089	200 228	393 277	401 265	318 210	116
\$15,000 to \$19,999 \$20,000 to \$24,999 \$25,000 to \$34,999	1 914 1 898 2 945	537 716 977	401 356 609	466 367 683	268 291 414	242 168 262	1 498 685 596	281 165 199	442 113 90	350 199 177	247 137 96	178 71 34 17
\$35,000 to \$49,999 \$50,000 or mare	1 708 856 \$22 517	575 282 \$24 833	344 228 \$24 193	366 246 \$22 456	273 90 \$20 925	150 10 \$15 830	232 42	63 5 \$11 631	58 10 \$10 967	62 23 \$10 075	32 4 \$10 373	\$7 361
Median	\$25 007	\$24 833 \$27 701	\$24 193	\$25 505	\$20 923	\$17 701	\$10 233 \$11 894	\$13 378	\$12 157	\$12 075	\$11 482	\$9 609

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

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

	C	Owner-occupied h	nousing units				Re	nter-occupied	housing units			
Fort Collins city	Total	l unit, detoched or ottoched	2 or more units	Mobile home or trailer, etc.	Total	l unit, detoched or attoched	2 units	3 ond 4 units	5 to 9 units	10 to 49 units	50 or more units	Mobile home or troiler, etc.
Occupied housing units  Condominium housing units	12 649 937	10 828 270	1 <b>037</b> 667	784	10 874 544	<b>2 978</b> 31	1 115 11	1 <b>260</b>	<b>998</b> 91	3 142 212	1 147 72	234
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER Married-couple families	8 920	8 253	328	339	3 113	1 169	269	398	236	717	243	81
15 to 24 years	202 2 770 1 979	142 2 572 1 924	18 95 33	42 103 22	784 1 383 339	148 513 212	66 164 5	155 199 14	67 89 49	207 309 55	109 76	32 33
35 to 44 years 45 to 64 years 65 years and over	2 824 1 145	2 638 977	83 99	103 69	383 224	223 73	22 12	25 5	19 12	83 63	5 53	6
Mole householder, no wife present  15 to 24 years  25 to 34 years	1 404 344 602	<b>895</b> 171 394	<b>287</b> 79 147	222 94 61	<b>3 699</b> 1 954 1 357	995 552 326	<b>433</b> 223 182	515 280 208	334 188 112	1 100 516 456	<b>263</b> 175 41	59 20 32
25 to 44 years 45 to 64 years	174 194	140 126	20 28	14 40	161 146	20 57	28	6 15	22 12	66 62	12	7 -
65 years and over Female householder, no husband present 15 to 24 years	90 <b>2 325</b> 179	64 1 680 95	13 <b>422</b> 45	13 <b>223</b> 39	81 4 062 1 872	40 <b>814</b> 361	413 157	6 <b>347</b> 166	428 216	1 325 686	35 <b>641</b> 257	94 29
25 to 34 years	444 296	260 223	152 56	32 17	1 059 196	239 81	136 10	131	92 29	346 48	72 6	43 14
45 to 64 years 65 years and over Medion age	609 797 <b>41.8</b>	471 631 <b>42.3</b>	85 84 <b>34.5</b>	53 82 <b>38.0</b>	232 703 <b>26.6</b>	62 71 <b>28.1</b>	36 74 <b>26.7</b>	42 <b>25.4</b>	25 66 <b>25</b> .6	72 173 <b>26.0</b>	37 269 <b>26.0</b>	27.0
YEAR HOUSEHOLDER MOVED INTO UNIT	3 161	2 395	529	237	7 489	2 002	756	964	749	2 141	721	156
1975 to 1978 1970 to 1974 1960 to 1969	4 596 1 892 1 857	3 925 1 684 1 712	303 97 77	368 111 68	2 728 415 168	711 139 97	295 43 11	254 31 11	230 13	801 122 49	367 59	70 8 -
1959 or earlierROOMS	1 143	i 112	31	-	74	29	10	-	6	29	-	-
1 room 2 rooms 3 rooms	14 79 433	6 31 150	8 17 188	31 95	424 862 2 001	22 48 201	12 62 158	36 51 199	122 214	247 356 749	98 217 449	9 6 31
4 rooms5 rooms	1 460 1 933	764 1 473	328 230	368 230	4 165 1 805	821 625	506 257	648 234	467 143	1 293 414	305 73	125 59
5 rooms 7 or more rooms Wedion	1 931 6 799 6.7	1 775 6 629 7.0	110 156 4.4	46 14 4.2	745 872 4.0	527 734 5.1	81 39 4.1	48 44 4.0	40 12 3.8	49 34 3.7	5 3.1	4.1
PLUMBING FACILITIES BY PERSONS PER ROOM Complete plumbing for exclusive use	12 609	10 793	1 032	784	10 665	2 966	1 094	1 244	988	3 019	1 120	<b>234</b> 142
0.50 or less 0.51 to 1.00 1.01 to 1.50	10 009 2 498 77	8 563 2 165 48	858 170 4	588 163 25 8	6 785 3 596 197	1 765 1 120 58	725 369 -	816 408 20	732 243 7	1 936 971 74	669 405 32	80
1.51 or moreacking complete plumbing for exclusive use	25 <b>40</b> 15	17 <b>35</b> 10	5	8 -	87 <b>209</b> 98	23 <b>12</b> 12	21 10	16	10	38 123 52	14 <b>27</b> 17	6
0.50 or less 0.51 to 1.00 1.01 to 1.50	19	19	-	-	105	- - -	11	9 -	- 4 6	71	10	=
1.51 or more  SEDROOMS	6 21	6	-	_	407	- 27	- 24	- 36	- 13	253	125	-
Vone	636 3 029	13 232 2 060	272 485	132 484	487 2 719 5 239	330 1 008	228 651	225 868	321 540	1 022 1 605	546 434	47 133
ii or more	4 715 3 304 944	4 355 3 251 917	192 53 27	168	1 793 457 179	1 062 407 144	197 5 10	104 27	113 6 5	235 12 15	37 - 5	45
HOUSEHDLD INCOME IN 1979 ess thon \$5,000	781	511	111	159	2 351	458	219	162	252	704	455	101
35,000 to \$9,999	1 167 675 705	794 475 554	165 105 74	208 95 77	2 953 1 428 1 089	618 348 340	304 128 128	332 168 160	285 156 71	998 476 343	373 123 38	43 29 9
315,000 to \$19,999	1 <b>9</b> 14 1 898	1 547 1 775	226 71	141 52	1 498 685	467 291	193 65	225 106	151 35	349 131	38 94 37	19 20 13
325,000 to \$34,999 335,000 to \$49,999 350,000 or more	2 945 1 708 856	2 748 1 604 820	155 94 36	42 10 -	596 232 42	330 105 21	71 7 -	57 45 5	33 10 5	72 58 11	20 7 -	-
Aedion	\$22 517 \$25 007	\$24 205 \$26 489	\$15 882 \$19 320	\$10 658 \$12 069	\$10 233 \$11 894	\$12 978 \$14 806	\$10 674 \$11 800	\$12 024 \$13 412	\$9 358 \$10 417	\$9 26 <b>9</b> \$10 612	\$6 229 \$8 044	\$6 818 \$9 509
ieating equipment Steam or hot water system	12 <b>649</b> 989	10 <b>828</b> 749	1 <b>03</b> 7 240	7 <b>84</b> -	10 874 3 143	<b>2 978</b> 179	1 115 121	1 260 336	998 462	<b>3 142</b> 1 536	1 147 509	234
Central worm-air furnace or electric heat pump Other built-in electric units Floor, wall, or pipeless furnace	10 225 820 276	8 867 698 227	657 115 25	701 7 24	5 602 1 089 413	2 101 184 224	741 58 77	698 155 15	356 117 11	1 099 393 53	390 182 33	217
Other meansir conditioning	339 2 945	287 1 <b>974</b>	598	52 <b>373</b>	627 <b>3 485</b>	290 <b>209</b>	118 <b>72</b>	56 <b>432</b>	52 <b>396</b>	61 1 <b>752</b>	33 <b>549</b>	17 75
Centrol system	1 686 <b>12 340</b> 3 278	1 123 10 595 2 390	346 <b>999</b> 518	217 <b>746</b> 370	944 <b>9 677</b> 5 047	87 <b>2 778</b> 1 062	11 <b>981</b> 442	73 1 160 555	61 <b>882</b> 587	547 <b>2 759</b> 1 687	150 <b>896</b> 553	15 <b>221</b> 161
2 or morelouse heating fuel	9 062 <b>12 649</b>	8 205 <b>10 828</b>	481 1 <b>03</b> 7	376 <b>784</b>	4 630 10 874	1 716 <b>2 978</b>	539 1 11 <b>5</b>	605 1 260	295 <b>998</b>	1 072 <b>3 142</b>	343 1 147	60 <b>234</b>
Utility gos Bottled, tonk, or LP gos Electricity	11 186 53 1 307	9 616 33 1 091	828 - 209	742 20 7	8 801 69 1 820	2 622 7 327	1 034 - 81	1 007 - 235	796 11 161	2 386 28 639	758 15 349	198 8 28
Fuel oil, kerosene, etc	103	88		15	99 85	3 19	_	18	18 12	65 24	13 12	224
Vater heating fuel Utility gos Bottled, tank, or LP gos	12 643 10 910 59	10 822 9 420 35	1 037 814 -	<b>784</b> 676 24	10 863 8 214 121	<b>2 978</b> 2 564 29	1 115 986 5	1 <b>256</b> 964 6	<b>998</b> 705 18	3 135 2 190 29	1 147 612 26	234 193 8
Fuel oil, kerosene, etc.	1 664 - 10	1 361	223	80	2 447 63 18	374 	124	279 - 7	257 18	884 32	496 13	33
Other  omily householder  With own children under 18 years	<b>9 777</b> 5 060	8 963 4 772	<b>412</b> 137	4 <b>402</b> 151	<b>3 998</b> 2 068	1 <b>438</b> 898	386 206	499 166	<b>303</b> 167	<b>984</b> 488	278 69	110 74
With own children under 6 years emale householder, no husband present With own children under 18 years	2 238 670 384	2 079 553 316	67 <b>69</b> 52	92 <b>48</b> 16	1 223 <b>69</b> 7 516	425 <b>215</b> 151	145 <b>103</b> 77	100 <b>5</b> 7 48	103 <b>54</b> 52	342 <b>211</b> 140	56 <b>35</b> 26	52 <b>22</b> 22
With own children under 6 yeorslonfamily householder	78 <b>2 872</b>	56 <b>1 865</b>	17 <b>625</b>	5 <b>382</b>	174 <b>6 87</b> 6	34 1 <b>540</b>	32 <b>729</b>	12 <b>761</b>	18 <b>695</b>	61 <b>2 158</b>	13 <b>869</b>	124
Percent below poverty level	<b>700</b> 5.5	<b>467</b> 4.3	112 10.8	121 15.4	3 <b>020</b> 27.8	<b>779</b> 26.2	<b>360</b> 32.3	<b>248</b> 19.7	<b>289</b> 29.0	<b>826</b> 26.3	<b>435</b> 37.9	<b>83</b> 35.5

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

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

	(Cora or administ		omprey eee mine	duction. For the	uning or symbols,	Jac mirodociio	is voi deminion	o or reimo, occ	аррепажез и а	10 0]	
Fort Collins city	Total	l person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 or more persons	Median	Total persons
Owner-occupied housing units Nonrelatives present	12 649 898	2 199 -	<b>4 497</b> 477	<b>2 195</b> 218	<b>2 365</b> 122	<b>995</b> 66	<b>273</b> 10	<b>88</b> 5	37 -	<b>2.42</b> 2.44	34 850 2 652
ROOMS 1 to 3 rooms4 rooms	526 1 460	317 599	171 627	22 159	6 53	6 7	_ ]]	-	4	1.33 1.71	898 2 727
5 rooms 6 rooms 7 rooms	1 933 1 931 2 436	588 347 187	838 874 920	311 387 467	123 259 580	31 52 241	31 4 24	- 8 11	11	1.95 2.21 2.74	4 095 4 676 7 251
8 or more rooms Medion  PLUMBING FACILITIES BY PERSONS PER ROOM	4 363 6.7	161 4.8	1 067 6.2	849 7.0	1 344 7.8	658 8.3	203 8.5+	8.5+	12 5.5	3.58	15 203
Complete plumbing for exclusive use 1.00 or less 1.01 to 1.50	12 609 12 507 77	2 199 2 199 -	<b>4 487</b> 4 487 -	2 190 2 176 14	2 340 2 340	<b>995</b> 982 7	273 231 42	88 80 8	37 12 6	2.41 2.40 5.92	34 731 34 052 438
1.51 or more Lacking complete plumbing for exclusive use 1.00 or less	25 <b>40</b> 34		10 10	- <b>5</b> 5	25 19	6 - -	-	- -	19 - -	8.31 <b>3.70</b> 3.61	241 119 94
1.01 to 1.50 1.51 or more UNITS IN STRUCTURE	6	-	-	-	6	-	-	-	-	4.00	25
1, detached or attached 2 or more Mobile home or trailer, etc	10 828 1 037 784	1 434 470 295	3 806 365 326	2 010 102 83	2 248 72 45	973 8 14	245 15 13	83 5 -	29 - 8	2.59 1.63 1.80	30 932 2 154 1 764
VALUE Specified owner-occupied housing units	9 957	1 244	3 475	1 893	2 114	928	210	70	23	2.64	28 345
Less than \$10,000	97 72 124 404	45 27 53 126	52 38 39 167	7 14 58	38	- - 15	18	- -		1.57 1.74 1.73 1.96	141 86 229 832
\$40,000 to \$49,999 \$50,000 to \$59,999 \$60,000 to \$79,999	835 1 484 4 553	241 254 424	307 625 1 580	160 226 900	69 282 1 066	32 67 452	15 5 108	13 23	11	2.07 2.28 2.80	1 874 3 866 13 335
\$80,000 to \$99,999 \$100,000 to \$149,999 \$150,000 or more	1 591 663 134	57 17 -	423 203 41	339 151 38	480 154 25	221 111 30	37 27	34	-	3.43 3.24 3.18	5 275 2 296 411
MedianSELECTED CHARACTERISTICS All Income levels in 1979	\$67 600	\$54 900   2 199	\$64 900 4 497	\$69 400 2 195	\$72 600 2 365	\$75 800 <b>995</b>	\$72 800	\$74 500	\$55 200	•••	•••
Median selected monthly owner costs as percentage of household income.	\$22 517 19.6	\$11 025 25.2	\$22 298 16.1	\$24 824 20.6	\$27 950 20.8	\$30 780 18.8	\$25 234 \$25 234	\$29 500 21.2	\$26 875 18.4	2.42	34 850
With o mortgage	21.7 10.4 <b>700</b>	29.8 20.0 3 <b>20</b>	20.6 10— 170	21.7 10— <b>127</b>	21.5 10— 48	19.5 10— 27	21.2 10—	22.5 10—	18.4	1.68	:::
Median income Median selected monthly owner costs as percentage of household income	\$3 216 50+	\$2500— 50+	\$3 938 50+	\$4 347   50+	\$5 588 50+	\$10 125 50±	\$8 750 _	-	\$2500—		
With a mortgagedNot mortgaged	50.4 50.0	50+ 45.6	50+ 50+	50+ -	50+ 42.5	50+	-	Ξ	-		
Renter-occupied housing units Nonrelatives present ROOMS	10 874 3 519	3 592 -	<b>3 899</b> 1 966	1 <b>834</b> 984	9 <b>68</b> 403	<b>351</b> 112	1 <b>44</b> 40	<b>60</b> 14	26 -	1.97 2.39	<b>24 082</b> 9 431
1 rooms	424 862 2 001	407 618 1 120	8 177 612	34 162	3 27 74	6 6 12	- 15	- - 6	-	1.02 1.20 1.39	438 1 227 3 242
4 rooms 5 rooms 6 rooms	4 165 1 805 745	1 064 242 76	2 195 613 178	645 551 242	230 272 151	17 83 70	14 26 18	14	4	1.96 2.59 2.99	8 331 4 972 2 454
7 or more rooms Median PLUMBING FACILITIES BY PERSONS PER ROOM	872 4.0	65 3.2	116 4.0	200 4.6	211 5.1	157 6.2	71 6.4	30 6.5	22 B.1	3.76	3 418
Complete plumbing for exclusive use	10 665 10 381 197	3 <b>470</b> 3 470	<b>3 849</b> 3 841	1 810 1 782 28	<b>955</b> 851 74	<b>351</b> 310 17	144 89 40	60 30 24	26 8 14	1.98 1.95 4.45	23 748 22 317 921
1.51 or more  Lacking complete plumbing for exclusive use  1.00 or less	87 <b>209</b> 203	122 122	8 <b>50</b> 50	24 18	30 13	24 - -	15 - -	6 -	4 -	4.73 <b>1.36</b> 1.33	510 334 320
1.01 to 1.50 1.51 or more UNITS IN STRUCTURE	6 -	-	-	6 -	-	-	-	_	Ξ	3.00	14
1, detached or ottached	2 978 1 115 1 260	548 317 343	855 469 617	698 225 188	468 89 98	232 5 9	103 10 5	48 _ _	26 - -	2.62 2.01 1.97	8 713 2 373 2 625
5 to 9 10 to 49 50 or more	998 3 142 1 147	411 1 315 569	376 1 134 386	129 422 119	62 169 62	20 70 11	26	6	- - -	1.73 1.73 1.51	1 877 6 030 1 919
Mobile home or trailer, etc  GROSS RENT Specified renter-occupied housing units	234 10 <b>780</b>	89 3 564	62 3 <b>872</b>	53 1 <b>821</b>	20 962	346	- 137	6 <b>52</b>	- 26	1.95	545 23 783
Less thon \$100	407 603 2 013	342 375 938	31   176   694	19 46 244	15	- - 36	-	6	-	1.10 1.30 1.60	454 935 3 556
\$200 to \$249 \$250 to \$299 \$300 to \$349	2 008 1 962 1 183	933 462	754 1 081 499	153 295 290	95 97 96 151	40 18 26	18 10 12	13 - -	-	1.59 1.98 2.27	3 678 4 031 2 883
\$350 to \$399 \$400 to \$499 \$500 or more	904 973 546	205 104 99 8	320 227 32	322 263 189	108 230 165	30 104 77	13 34 45	- 5 22	7 11 8	2.59 3.11 3.77	2 389 3 244 2 220
No cosh rent Median SELECTED CHARACTERISTICS	181 \$256	98 \$204	58 \$262	\$326	\$361	15 \$415	\$438	\$420 -	\$455	1.42	393
All income levels in 1979  Medion income  Medion gross rent as percentage of household income	10 874 \$10 233 30,5	<b>3 592</b> \$6 291 33.9	<b>3 899</b> \$10 631 28.7	1 834 \$12 326 31.2	<b>968</b> \$14 364 29.8	351 \$19 375 25.5	\$15 500 32.1	\$17 386 18.1	26 \$27 143 21.3	1.97 	24 082
Income in 1979 below poverty level Median income Median gross rent as percentage of household income _	3 020 \$4 257 50+	930 \$2500 50+	999 \$4 624 50+	<b>611</b> \$6 117 50+	306 \$10 709 43.7	95 \$8 977 34.8	\$7 250 50+	13 \$15 469 19.1	\$8 750 50+	2.08	

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

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

dion age

17.3 17.3 17.3 11.5

1.8

	Data are estimo	ores based on a	Luata are estimates based on a sample, see introduction. For meaning of	roduction, ror	meaning of sy	mbols, see Int	roduction, For	definitions of the	ddo ees .	s A and	[a]					ľ	ı
			Marrie	Married-couple fomilies	S			Male househalder,	no wite	present			emole househo	Female householder, no husband present	1 present		
Fort Collins city	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	Media
Owner-occupied housing units	12 649	202	2 770	1 979	2 824	1 145	344	802	174	194	8	179	44	296	609	797	<del>2</del>
PERSONS IN UNIT  1 person 2 persons 3 persons 5 persons 5 persons 6 or more persons Aedian Tatal persons	2 195 2 195 2 195 3 398 3 398 3 4 850	114 57 21 10 10 2.39 534	892 746 862 862 195 75 3.16 8 602	192 281 281 835 497 174 4.12 8 395	1 353 588 588 267 122 2.60 8 579	1 041 91 8 8 2 2.05 2 410	155 108 65 16 16 16,6 16,6	363 168 50 50 1.77 4 4 939	108 40 1.31 288	88 80 26 26 1.6.1	23. 1.22.	76 61 16 77 9 9 1.72	245 117 74 8 8 1.41	885 78 78 50 13 13 758	342 144 78 27 27 1.39 1 095	664 106 106 107 100 100 100 100 100 100 100 100 100	48.6.6.4.4 : #
PLUMBING FACILITIES BY PERSONS PER ROOM Complete plumbing for exclusive use	12 609 102 102 40 6	202	2 764 26 6	1 973 32 6 6	2 811 36 13	1 135	83 181	602	471	194	8	179	44 1 1 1	296	609	797	4.4.2.4
OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979  Specified owner-occupied housing units 5 pecified owner-occupied housing units 5 pecified owner-occupied housing units 5 pecified owner-occupied housing units 5 pecification 15 percent 5 to 24 percent 5 to 24 percent 5 pecification of the computed 5 pecification of the computed 5 pecification of the pecificati	7 9557 7 9658 7 9658 7 968 1 129 1 1	28. 29. 44. 48. 49. 49. 49. 49. 49. 49. 49. 49. 49. 49	2382 2982 2982 3928 3928 386 25.3 25.3 16 16	25.5 50.7	<b>26</b> - 1	22. 4 4 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	13 93.0 1 2 8 8 3 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	35.5 33.3 34.4 26.7 26.7 26.7 27.7 27.7 27.7 27.7 27.7	113 23 20 20 20 25 25 25 7 7 7	27.88521.88521.89.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1	8,1111111188891=1.6111	88 87 75 75 86 87 87 87 87 87 87 87 87 87 87 87 87 87	22 128 27 27 10 33 49 99 10 10 10 10 10 10 10 10 10 10 10 10 10	25. 25. 33. 26. 26. 27. 27. 28. 28. 28. 28. 28. 28. 28. 28. 28. 28	23.0 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	86 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	<b>48</b> 748888888888888888888888888888888888
Renter-occupied housing units	10 874	787	1 383	336	383	224	1 954	1 357	191	146	. <b>.</b>	1 872	1 059	196	232	703	26.
PERSONS IN UNIT  1 person 2 persons 3 persons 4 persons 6 persons 6 of more persons Median Total persons	3 592 3 899 1 834 968 351 230 24 1.97 24 082	208 206 335 237 1 904	583 334 318 318 100 2.82 4 231	39 64 64 65 85 14 16 16 16 16 16 16 16 16 16 16 16 16 16	20 20 20 61 2.81 1 331	186 14 17 2.10 525	605 679 679 178 178 35 15 2.05	691 484 136 40 6 6 1.48	114 35 7 7 1.21 260	115 9 9 1.13 206	<u>8 1 1 1 1 00.1</u>	567 740 740 331 170 20 4 4 147	55 322 322 22 22 26 1.45 1 858	37 53 22 22 1.23 478	143 50 19 12 1.31 1.32 426	680 23 1.02 652	8,2,4,2,8,E, : #
PLUMBING FACILITIES BY PERSONS PER ROOM Complete plumbing for exclusive use	10 665 284 209 6	778 6 6	1 367 77 16	333 45 6	378 29 5	224	1 909 41 45	1 327 11 30 -	141 5 20	146 6 1	20111	1 841 39 31	1 040 10 19 19	191	214 8 18	569	22.73
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979 Sperified renter-occupied housing units. Less than 15 percent 20 to 24 percent 20 to 24 percent 20 to 34 percent 35 to 49 percent 35 to 49 percent 35 to 49 percent 36 to 49 percent Modian	10 780 949 1 378 1 483 1 033 2 451 2 451 30.5	784 784 79 1146 118 118 77 77 139 80 10	1 378 210 272 273 293 153 101 158 158 35 23.2	26 88 88 88 87 7.7 88 88 88 88 87 87 87 87 87 87 87 87 87	358 71 83 83 36 37 17 17 22.3	218 54 27 27 57 8 13 13 6 6 75 13	1 946 112 158 267 214 224 223 375 550 47	1 357 1 166 201 203 104 108 168 13 26.6	161 288 24 20 15 16 16 16 17 18 18 18 18 18 18 18 18 18 18 18 18 18	146 331 231 111 118 111 27.5	36.1700	1 872 844 144 173 173 188 341 820 145.2	1 053 61 111 113 137 137 129 202 241 241 241 241 241 241 241 241 241 24	189 22 26 16 28 28 51 38 34.7	232 133 133 45.3 45.3	692 24 24 61 61 126 89 89 124 124 169 52 52 52 52	<b>%</b> 888.77.78.88 :
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979 Specified renter-occupied housing units Less than 15 percent 15 to 19 percent 25 to 29 percent 25 to 29 percent 35 to 49 percent 35 to 49 percent As for 90 percent Andian	10 780 949 1 378 1 338 1 032 2 451 30.5	784 79 135 118 118 139 80 80 80 10		328 2828 2838 2838 2838 2838 2838 2838	358 7 1 1 2 2 8 3 3 8 3 3 8 8 3 3 3 8 8 3 3 3 8 8 3 3 3 8 8 3 3 3 8 8 3 3 3 8	24 54 54 57 57 6 8 13 13	1 946 112 158 267 214 223 375 550 47 34.5	1 357 166 201 239 209 209 207 104 13 26.6		161 288 208 100 100 144 21.8		146 33-146 11111111111111111111111111111111111	146 68 1 31 - 22 7 7 11 7 11 9 24 31 29 6 6 6 27.5 36.1	146 68 1872 1 31 - 84 22 - 144 11 7 108 18 10 173 11 9 188 24 31 84 27.5 36.1 45.2	146 68 1 872 1 053 31 - 84 61 22 1 44 111 11 7 108 137 18 10 173 151 11 9 188 129 24 31 341 202 29 6 8 820 241 27.5 36.1 45.2 32.2	146     68     1872     1 053     189       31     -     84     61     -       22     -     144     111     22       11     7     108     137     16       18     10     173     15     26       24     31     341     202     28       29     6     14     20     24     38       27.5     36.1     45.2     32.2     34.7     4	146         68         1 872         1 053         189         232           31         -         84         61         -         -         -         -         41           22         -         144         111         22         41           11         7         108         137         16         18           11         9         178         151         26         20           11         9         188         129         28         13           24         31         341         202         51         18           29         6         820         241         8         29           2         5         14         21         8         29           2         5         14         21         8         29           2         5         14         21         8         29           2         5         45.2         32.2         34.7         45.3         3

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 B1

	Data ore estima	100 0000	Junip.57	Mole house						Female hou	useholder		
Fort Collins city	Total	Total	15 to 24 years	25 to 34 years	35 to 44 yeors	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-occupled housing units	2 199	787	155	363	108	88	73	1 412	76	245	85	342	664
PLUMBING FACILITIES Complete plumbing for exclusive use Lacking complete plumbing for exclusive use		787 -	155	363	108	88 -	73 -	1 412	76 -	245	85 -	342	664
UNITS IN STRUCTURE  1, detoched or attached  2 or more Mobile home or trailer, etc	470	479 175 133	65 46 44	234 87 42	95 13 -	34 20 34	51 9 13	955 295 162	37 15 24	102 125 18	49 25 11	249 50 43	518 80 66
Mobile home or trailer, etc	521	108	53 32	12 38	13	_ 23	30 10	413 380	40 9	23 36	6 4	71 87	273
\$10,000 to \$12,499 \$12,500 to \$14,999 \$15,000 to \$19,999	233 215 345	65 102 138	40 7 -	17 60 81	13 38	8 - 19	22	168 113 207	5 4 18	64 43 66	4 16 41	57 33 46	244 38 17 36 22 28
\$20,000 to \$24,999 \$25,000 to \$34,999 \$35,000 to \$49,999 \$50,000 or more	212 135 36 19	142 87 36 6	5 18 - -	90 43 22 -	20 18 - 6	16 8 14 -	11 - - -	70 48 — 13		13 - - -	14 - - -	21 20 - 7	- 6
Median Mean Mortgage Status and Selected Monthly	\$11 025	\$15 635 \$16 676	\$8 958 \$9 533	\$18 301 \$19 146	\$19 000 \$20 880	\$18 846 \$19 182	\$6 625 \$10 319	\$8 873 \$10 430	\$4 706 \$7 687	\$12 480 \$12 224	\$15 868 \$15 273	\$10 570 \$11 847	\$6 305 \$8 733
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS Specified ewner-occupled housing units With a mortgage		410 335	42 24	210 210	86 79	27 22	45	834 311	37 28	70 70	30 25	207 113	490 75
Less than \$200 \$200 to \$249 \$250 to \$299	70 61 54	13 6 15	7 - -	- 6 5	- - 10	6 - -	-	57 55 39 50	12	5 5 8	7 6 7	12 33 —	75 33 11 12
\$300 to \$349 \$350 to \$399 \$400 to \$499 \$500 to \$599	56 161 62	37 26 103 50	- 12 5	32 20 61 38	5 6 21 7	9	- - - -	30 58 12	11 5 -	18 6 12 6	5 - -	21 - 41 6	11 / 8 _ / - /
\$600 to \$749 \$750 or more Median	73 22 \$396	63 22 \$454	- \$436	37 11 \$460	19 11 \$479	7 - \$428	Ξ	10 \$304	\$359	10 - \$347	- \$246	- \$327	\$220
Nat martgaged	38 58 168	75 34 9 11	18 14 4 -		7 - -	<b>5</b> - 5 -	45   13   - 11	523 4 49 157	9 - 5 4		5 - - -	94 - 7 8	415 4 37 145
\$100 to \$124 \$125 to \$149 \$150 to \$199	157 100 71	6 15 -			E		15	151 85 71	-	- -	5	27 17 29	124 63 42
\$200 to \$249 \$250 or more Median	\$106	- \$60	- \$50—	=	\$50—	\$63	- \$97	\$109	- \$72	-	\$138	\$132	\$104
SELECTED CHARACTERISTICS Median selected manthly owner costs as percentage of household incame in 1979 With o mortgage	29.8	<b>26.3</b> 28.8	<b>50</b> + 50+	<b>29.0</b> 29.0	26.6	<b>22.8</b> 23.7	11.9	<b>24.6</b> 30.9	<b>47.0</b> 46.0	<b>31.7</b> 31.7	<b>22.1</b> 23.9	<b>24.6</b> 26.3	<b>22.7</b> 42.3
Not mortgaged Income in 1979 below poverty level Percent below poverty level	20.0 320	10— 65 8.3	10— 48 31.0	4 1.1	27.5 13 12.0	10	11.9 - -	20.8 255 18.1	50+ 35 46.1	15 6.1	10— 6 7.1	21.9 71 20.8	20.5 128 19.3
Renter-occupied housing units PLUMBING FACILITIES	3 592	1 606	605	691	114	115	81	1 986	567	559	37	143	680
Complete plumbing for exclusive use Lacking complete plumbing for exclusive use	3 470 122	1 547 59	580 25	672 19	99 15	115	81 -	1 923 63	548 19	540 19	32 5	131 12	672
UNITS IN STRUCTURE  1, detached or attached  2  3 and 4	317 343	293 133 189	81 38 77	122 72 85	14 23 6	36 - 15	40 - 6	184 154	68 43 35	87 68 77	6 5 -	27 5 	67 63 42
5 to 9	1 315	178 642 141 30	83 240 81 5	66 302 19 25	17 48 6	12 52 - -	- 35 -	233 673	80 244 85 12	56 204 37 30	6 11 - 9	25 49 37 —	66 165 269 8
HOUSEHOLD INCOME IN 1979 Less than \$5,000 \$5,000 to \$9,999	1 436	483 471	259 163	117 253	27 21	14 24	66 10	953	309 152	146 226	14	72 27	412 180
\$10,000 to \$12,499 \$12,500 to \$14,999 \$15,000 to \$19,999	385 258 291	193 121 199	95 33 49	58 72 100	29 4	11 12 23	- - 5	192 137 92	58 37 11	70 53 55	12 6 -	27 19 13 12	33 28 14 5
\$20,000 to \$24,999 \$25,000 to \$34,999 \$35,000 to \$49,999 \$50,000 or more	74 57 25 5	60 49 25 5	- 6 - -	54 37 - -	- - 6 5	6 6 19 -	- -	14 8 - -	-	- - -	-	=	
Median ————————————————————————————————————	.   \$6 291	\$7 712 \$9 742	\$6 036 \$6 977	\$9 253 \$11 171	\$10 776 \$12 114	\$14 271 \$16 878	\$3 937 \$4 733	\$5 256 \$6 506	\$4 680 \$5 676	\$7 099 \$8 087	\$7 250 \$7 744	\$4 954 \$7 009	\$4 458 \$5 725
Specified renter-accupied housing units Less than \$100 \$100 to \$149	342 375	1 585 115 118	<b>597</b> 21 42	<b>691</b> 54 49	-	115 - 5	68 25 22	1 9 <b>79</b> 227 257 528	<b>567</b> 23 43	559 25 85	37 - 5	143 7 17 55	673 172 107
\$150 to \$199 \$200 to \$249 \$250 to \$299 \$300 to \$349	938 933 462 205	410 436 204 118	196 171 67 51	145 201 116 45	32 - 5	19 32 15 17	10 - 6 -	497 258 87	155 181 119 32	139 156 90 22	15 11 6	55 35 1]	179 110 38 16
\$350 to \$399 \$400 to \$499 \$500 or more	104 99 8	76 69 -	22 6 -	28 40 -	5 17 —	21 6 -	-   - - 5	28 30 8	5 - -	12 19 -		5 6 7	6 5 8
No cash rent Median  SELECTED CHARACTERISTICS	. 98	39 \$213	21 \$207	13 \$218		\$277	\$106	\$194	\$213		\$244	7 \$181	32 \$164
Median grass rent as percentage af househald incame in 1979 Incame in 1979 below poverty level Percent below poverty level	33.9 930 25.9	31.4 340 21.2		57	27	27.4 _ _	26		50+ 239 42.2	32.4 88 15.7	41.0 14 37.8	67	31.8 182 26.8

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

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

Port   Collins city   Total   Less than 2   2 up to 6   or ments   Fort   Collins city   Total   Less than 2   2 up to 6   or ments   Fort   Collins city   Total   Less than 2   2 up to 6   or ments   Fort   Collins city   Total   Less than 2   2 up to 6   or ments   Fort   Collins city   Total   Less than 2   2 up to 6   or ments   Fort   Collins city   Total   Less than 2   2 up to 6   or ments   Fort   Collins city   Total   Less than 2   2 up to 6   or ments   Fort   Collins city   Total   Less than 2   2 up to 6   or ments   Fort   Collins city   Total   Less than 2   2 up to 6   or ments   Fort   Collins city   Total   Less than 2   2 up to 6   or ments   Fort   Collins city   Total   Less than 2   2 up to 6   or ments   Fort   Collins city   Total   Less than 2   2 up to 6   or ments   Fort   Collins city   Total   Less than 2   2 up to 6   or ments   Fort   Collins city   Total   Less than 2   2 up to 6   or ments   Fort   Collins city   Total   Less than 2   2 up to 6   or ments   Fort   Collins city   Total   Less than 2   2 up to 6   or ments   Fort   Collins city   Total   Less than 2   2 up to 6   or ments   Fort   Collins city   Total   Less than 2   2 up to 6   or ments   Fort   Collins city   Total   Less than 2   2 up to 6   or ments   Fort   Collins city   Total   Less than 2   2 up to 6   or ments   Total   Less than 2   2 up to 6   or ments   Total   Less than 2   2 up to 6   or ments   Total   Less than 2   2 up to 6   or ments   Total   Less than 2   2 up to 6   or ments   Total   Less than 2 up to 2 up to 6   or ments   Total   Less than 2   up				a 55p.c, 555			,			
10 3 rooms	Fort Collins city	Total			6 or more months	Fort Collins city	Total			
1 to 1 promise	Vocant for sale only housing units	653	301	255	97	Vacant for rent housing units	723	571	116	36
A counts	ROOMS					ROOMS			-	
See more norms		38	<del>.</del>	12		1 room	22	22	-	-
See more norms			69 48	83 82			5 87	- 78	5 4	5
See more norms	6 raoms	156	85	53		4 rooms	334	252	65	
PUMBING FACILITIES   Complete planthing for exclusive use		88	58	15	•					14
PLUMBING FACILITIES	Median	5.3	5.9	4.9	4.8		22			43
Complete plumbing for exclusive use	PLUMBING FACILITIES						7.2	4.2	4.5	4.5
Description   Control		653	301	255	97					
SEDROOMS	Locking complete prombing for exclusive use	_		_	_	Complete plumbing for exclusive use	723	571	116	36
None	BEDROOMS									
169		- 48	_	12	36	BEDROOMS				]
127   90   31   6   3   3   3   4   4   21   5   5   7   7   7   5   7   7   7   7	2	309	123	166	20			22	10	- 5
VEAR STRUCTURE BUILT   183				46 31		2	397	309	78	
		-	-	-	-			140	14   2	21
1970 to 1974	YEAR STRUCTURE BUILT					5 or more	12	-	12	-
1950 to 1959			183		58	YEAR STRUCTURE BUILT				
1950 to 1959		75	30			1975 to March 1980		274	59	7
1939 or earlier	1950 to 1959		20	_	_				23	9
JNITS IN STRUCTURE		20	20	_	-	1950 to 1959	37	32	<u></u>	5
Mobile home or trailer	UNITS IN STRUCTURE					1939 or earlier	55	70 34	6	15
Mobile home or trailer		363	255		46	UNITS IN STRUCTURE				
Specified vacant for sale only housing units   Specified vacant for rent housing units   Specified vacant for re				193	51		122	100	22	
Central heating system						2	49	34	5	
Part   Rentral reating system   Cost   State   State		(05		055	00				5 9	10
RENT ASKED   Specified vacant for sale only housing units	! introl heating system	635		255	89	10 to 49		157	53	9
Specified vacant for sale only housing units   349   250   53   46		-	-	-	-	Mobile hame or trailer			-	<u>-</u>
Specified vacant for sale only housing units   349   250   53   46	'RICE ASKED					RENT ASKED				
10,000 to \$19,999			250		46		792	571	116	36
30,000 to \$39,999	110 000 to \$19 999		8	-	_	Less than \$100	33	33	-	-
40,000 to \$44,999	30,000 to \$29,999	- 1	-	_	-	\$100 to \$149 \$150 ta \$199		56 40	11	5
60,000 to \$79,999	: i40,000 ta \$49,999		25	-	-	\$200 to \$249	127		16	
100,000 or more \$270 \$264 \$315 \$256	i60,000 to \$79,999		83	16		\$300 to \$399	217	155	53	9
	80,000 ta \$99,999	90	75	5					20 \$315	\$256
					\$76 100		4270	42.07	+0.0	7200

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

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

	(Solid the Communication of Communication). For intenting of symbols, see introduction. The definitions of ferms, see appearance in one of													
1		Price osked	—Specified	vacant for s	ale only hou	sing units	Rent asked—Specified vacant far rent housing units							
ort Collins city	Total	Less than \$10,000	\$10,000 to \$29,999	\$30,000 to \$49,999	\$50,000 ta \$99,999	\$100,000 or more	Medion (dollars)	Total	Less than \$100	\$100 to \$199	\$200 to \$299	\$300 to \$399	\$400 or mare	Medion (dollars)
Total	349	12	8	29	254	46	68 300	723	33	112	312	217	49	270
LUMBING FACILITIES														
omplete plumbing far exclusive use	349	12	8 -	29 -	254 -	46 -	68 300 -	723 -	33	112	312 -	217 -	49 -	270
EDROOMS														
one	12 82	12	=	- 24	- 58	=	10000— 53 900	22 107 397	26 7	22 40 15 29	34 242 36	- 7 120	- 13	138 191 277
or more	133 122 -	- - -	8 - -	24 5 - -	58 95 101 —	25 21 -	68 600 83 400	175 10 12	_ _	29 - 6	36	84 6 -	13 26 4 6	320 392 280
EAR STRUCTURE BUILT														
775 to March 1980 770 ta 1974 760 to 1969 750 to 1959	227 25 40 14	- 12 -	-	- 5 4	181 25 23 10	46 - - -	82 700 77 500 52 100 52 100	340 126 74 37	26 7 - -	29 - 15 17	109 84 44 -	137 31 15 20	39 4 - -	303 277 250 315
740 to 1949	14 23 20	Ξ	8 -	15 5	15	-	41 800 51 700	91 55	-	40 11	41 34	10 4	6	232 232
detached or attached	349	12		29	254	46	68 300	132 551	26	26 71	32 262 18	64 153	10 39	310 272
obile home or trailer	•••	•••	•••	•••	•••	•••	•••	40	7	15	18		-	109

# Appendix A. — Area Classifications

REGIONS	A-1
STATES	A-1
PLACES	A-1
Incorporated Places	A-1
Census Designated Places	A-1
STANDARD METROPOLITAN	
STATISTICAL AREAS	A-1
Definition	A-1
SMSA Titles	A-1
New SMSA Standards	A-2
BOUNDARY CHANGES	A-2
AREA MEASUREMENT	A-2

#### **REGIONS**

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

#### **STATES**

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

#### **PLACES**

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

#### **Incorporated Places**

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

New England States, New York, and Wisconsin.

#### **Census Designated Places**

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

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

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

# STANDARD METROPOLITAN STATISTICAL AREAS

#### Definition

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

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

Each SMSA has one or more centra counties containing the area's main popu lation concentration: an urbanized are with at least 50,000 inhabitants. At SMSA may also include outlying countie which have close economic and social relationships with the central counties The outlying counties must have a speci fied level of commuting to the centra counties and must also meet certain standards regarding metropolitan charac ter, such as population density, urbai population, and population growth. I New England, SMSA's are compose of cities and towns rather than whol counties.

The housing units in SMSA's ma also be referred to as the metropolita housing and are subdivided into "insid central city (or cities)" and "outsid central city (or cities)." The housin units outside SMSA's constitute the nor 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 are and any legal area that is outside of standard metropolitan statistical area. If the individual SMSA reports, the dat shown for central cities and places of 50,000 or more inhabitants are for the legal definition of the city without regar to urban or SMSA restrictions.

#### **SMSA Titles**

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

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 ncorporated places recognized by the 3ureau of the Census, census designated places are recognized as central cities.

#### **New SMSA Standards**

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

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

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

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

#### **BOUNDARY CHANGES**

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

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

#### **AREA MEASUREMENT**

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

# Appendix B.—Definitions and Explanations of Subject Characteristics

GENERAL	B-1	Persons	B-6
LIVING QUARTERS	B-1	Rooms	B-6
Housing Units	B-1	Persons Per Room	B-6
Comparability With 1970	D-1	Bedrooms	B-6
Census Housing Unit Data	B-2	STRUCTURAL	
Group Quarters	B-2	CHARACTERISTICS	B6
Comparability With 1970 Cen-	D-2	Year Structure Built	B-6
sus Group Quarters Data	B-2	Units in Structure	B-6
Rules for Hotels, Room-	D-2	Stories in Structure	B-6
ing Houses, Etc	B-2	Passenger Elevator	B-6
Staff Living Quarters	B-2	PLUMBING	5 0
Year-Round Housing Units	B-2	CHARACTERISTICS	B-6
OCCUPANCY AND VACANCY	0 2		
CHARACTERISTICS	B-2	Plumbing Facilities	B-6
		Comparability With 1970	
Occupied Housing Units	B-2	Census Plumbing Facilities	D 0
Householder	B-2	Data	B-6
Child	B-2	EQUIPMENT AND FUELS	B-6
Nonrelative	B-3	Heating Equipment	B6
Age of Householder	B-3	Comparability With 1970	
Household Type	B-3	Census Heating Equipment	
Year Householder Moved Into Unit	D 2	Data	B-6
	B-3	Air Conditioning:	B-7
Vacant Housing Units Vacancy Status	B-3	Vehicles Available	B-7
Duration of Vacancy	B-3	Comparability With 1970	
Tenure	B-3 B-3	Census Automobiles	
Condominium Housing Units	B-3	_Available Data	B-7
Comparability With 1970	D-3	Fuels Used for House Heating	
Census Condominium		and Water Heating	B-7
Housing Unit Data	B-3	FINANCIAL	
Race of the Householder	B-3	CHARACTERISTICS	B-7
Comparability Between Sam-	Ъ	Value	B-7
ple and 100-Percent Data		Price Asked	B-7
for Race of the Householder.	B-4	Mortgage Status and Selected	
Comparability With 1970		Monthly Owner Costs	B-7
Census Data on Race of the		Mortgage Status and Selected	
Householder	B-4	Monthly Owner Costs as a	
Spanish/Hispanic Origin of		. Percentage of House-	
the Householder	B-5	hold Income in 1979	B-7
Limitations of the Data		Rent	B-7
on Householders of		Gross Rent as a Percentage	
Spanish/Hispanic Origin	B-5	of Household Income	
Comparability Between		in 1979	B-8
Sample and 100-Percent		Household Income in 1979	B-8
Data on Householders of		Median Income	B-8
Spanish/Hispanic Origin	B-5	Comparability With 1970	
Comparability With 1970		Census Income Data	B-8
Census Data on House-		Poverty Status in 1979	B-8
holders of Spanish Origin			
and Householders of		GENERAL	
Spanish Heritage	B-5		
UTILIZATION		The 1980 census was conducted pr	
CHARACTERISTICS	B-6	through self-enumeration. The pi	rincipal

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 of motel, boarding house, mobile home of 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 nousing 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 equired of all housing units. In 1970, vacant mobile homes were not counted as nousing 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 iving quarters which are not classified as nousing units. There are two types of group quarters: (1) institutional group juarters, and (2) noninstitutional group quarters. Institutional group quarters are iving 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 juarters include living quarters such is college-owned and/or operated dormiories, fraternity and sorority houses, jurses' dormitories, and boarding louses. In addition, noninstitutional roup quarters include any living quarters (other than those classified as institutional group quarters) which are occupied by 9 or more persons unrelated to the householder (person listed in column 1 of the census questionnaire), or by 10 or more unrelated persons. Information on the housing characteristics of group quarters was not collected in the census.

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

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

If any of the occupants in a rooming or boarding house live and eat separately from everyone else in the building and have direct access, their quarters are classified as separate housing units. The remaining quarters are combined. If the combined quarters contain eight or fewer roomers unrelated to the householder, they are classified as one housing unit. If the combined quarters contain nine or more roomers unrelated to the householder or person in charge, they are classified as group quarters.

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

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

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

# OCCUPANCY AND VACANCY CHARACTERISTICS

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

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

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

Child—A child is a son, daughter, stepchild, or adopted child of the householder regardless of the child's age or marital status. The category excludes sons-in-law and daughters-in-law. In this report, those classified as "own children" are sons and daughters, including stepchildren and adopted children, of the householder who are single (never married) and under 18 years of age. Nonrelative—A nonrelative is any person in the household not related to the householder by birth, marriage, or adoption. Roomers, boarders, partners, roommates, paid employees, wards, and foster children are classified as nonrelatives. This report shows the number of households with one or more nonrelatives present in the unit.

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

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

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

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

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

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

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

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

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

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

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

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

For rent. Vacant year-round units offered "For rent," and vacant units offered either for ren't 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 or race of the householder were derived from the answer to question 4, for the persor listed in column 1 of the census questionnaire (see appendix E). The concept or 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 projecture 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 tresponse 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, Frenchamerican Indian, or Spanish-American Indian."

The category "Asian or Pacific Islander" Includes persons who indicated their race las Chinese, Filipino, Japanese, Asian Indian, Korean, Vietnamese, Hawaiian, Salimoan, and Guamanian, as well as persons who provided write-in entries of Asian and bacific Islander groups such as Cambolian, Laotian, Pakistani, or Fijian under the "Other" race category. Also, persons who lid not classify themselves in one of the specific race categories but wrote in an encry indicating one of the nine specific bategories listed above (e.g., Chinese or icilipino) were classified accordingly. For Isxample, 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, Cesmopolitan, 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, seethe 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 undoubtly 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 or 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 care 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 funit are included. These persons include not only occupants related to the householder but halso any lodgers, roomers, boarders, parthers, roommates, wards, foster children, and hesident employees who share the living quarters of the householder. The data on liversons 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 poarticular category.

Rooms—The statistics on "Rooms" are in erms of the number of housing units with a pecified number of rooms (see question H7 in appendix E). The intent of this question is no count the number of whole rooms used for iving purposes. For each unit they include living rooms, dining rooms, kitchens, pedrooms, finished recreation rooms, enclos-)ad porches suitable for year-round use, and odger's rooms. Excluded are strip or pullman kitchens, bathrooms, open porches, palconies, halls, half-rooms, utility rooms, unfinished attics or basements, or other uninished space used for storage. A partially divided room is a separate room only if there s a partition from floor to ceiling.

ersons Per Room—"Persons per room" is 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 appen-

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, of 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 Lcomputed 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 at '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 Thousing unit, including persons not related to othe householder. Data on income are based obn money income received in the calendar ວ໒year 1979. Income is the algebraic sum of the amounts reported separately for wage and salary income; nonfarm net self-employment  $t^{
m e}$ ncome; farm net self-employment income; thickness, dividend, net rental or royalty income; Social Security or Railroad Retirement ncome; public assistance or welfare income; and all other income. The figures represent he amount of income received before deductions for personal income taxes, Social Security, bond purchases, union dues, medicare deductions, etc.

36

ir div 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.

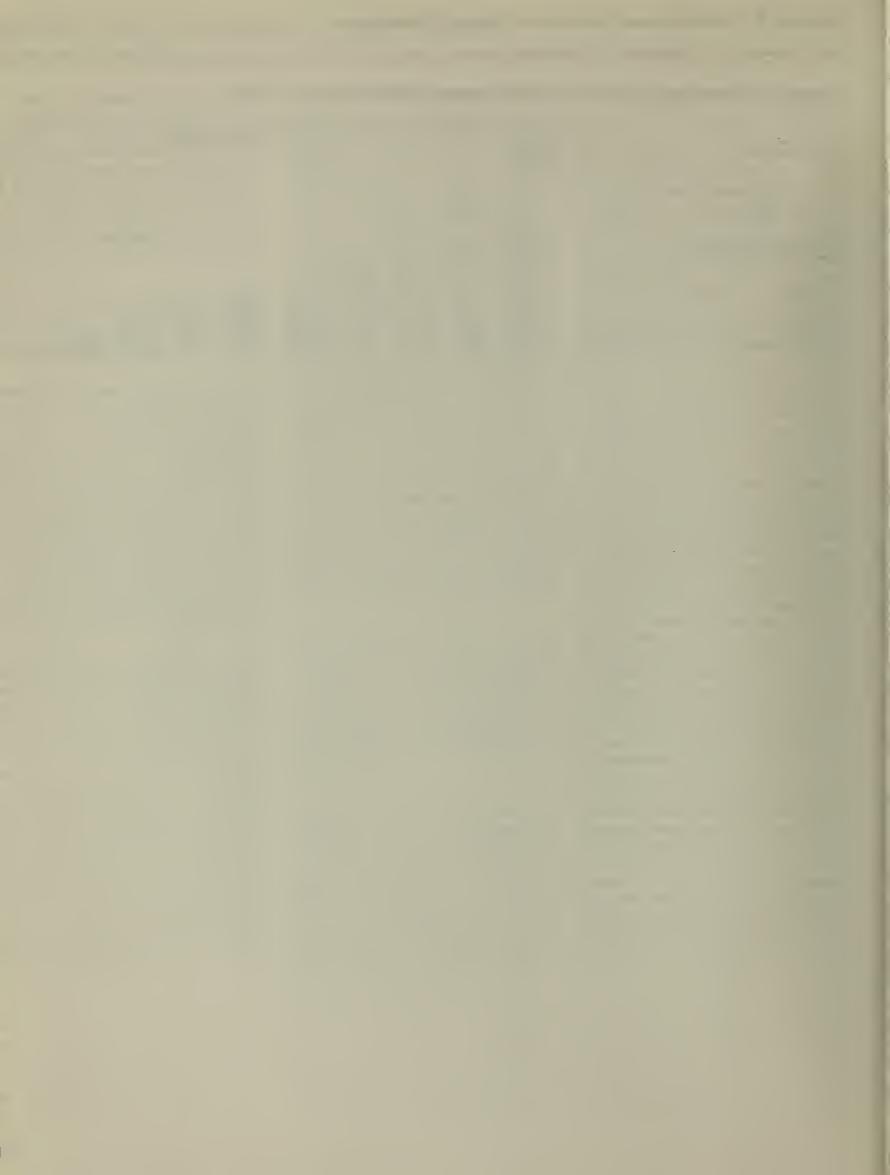
Poverty Status in 1979—Households are classified below the poverty level when the total 1979 income of the family or of the nonfamily householder is below the appropriate poverty threshold. The income of persons living in the household who are unrelated to the householder is not considered when determining 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)

	Weighted													
Size of Family Unit	average thresholds	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
Armed Forces	C-1
Crews of Merchant Vessels	C-1
Persons Away at School	C-1
Persons in Institutions	C-1
Persons Away From Their	
Residence on Census Day	C-1
Americans Abroad	C-2
Citizens of Foreign Countries	C-2
DATA COLLECTION	
PROCEDURES	C-2
PROCESSING PROCEDURES	

### **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 ai entire household was expected to b'

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 longform questionnaire. Two sampling rates were employed. For most of the country, one in every six housing units (about 17 percent) received the long form or sample questionnaire; in counties, incorporated places and minor civil divisions estimated to have fewer than 2,500 inhabitants, every other housing unit (50 percent) received the sample questionnaire to enhance the reliability of sample data in small areas.

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

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

### PROCESSING PROCEDURES

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

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

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

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

# Appendix D. — Accuracy of the Data

INTRODUCTION	D-1
SAMPLE DESIGN	
ERRORS IN THE DATA	
Calculation of Standard Errors .	
Totals and Percentages	D-2
Differences	D-2
Means	D-2
Medians	D-2
Confidence Intervals	D-3
Use of Tables to Compute	_ ^
Standard Errors	
ESTIMATION PROCEDURE	D-3
CONTROL OF NONSAMPLING	
ERROR	D-5
Undercoverage	D-5
Respondent and Enumerator	
Error	D-5
Processing Error	D-6
Nonresponse	D-6
EDITING OF UNACCEPTABLE	
DATA	
ALLOCATION TABLES	D-6

#### 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. 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 underreport their income, then the resulting counts of households or families by income category will be skewed toward the ower income categories. Such biases are not reflected in the standard error.

#### **Calculation of Standard Errors**

Fotals and Percentages—Tables A through ) in this appendix contain the informaion necessary to calculate the standard errors of sample estimates in this report. n order to perform this calculation, t is necessary to know the unadjusted tandard error for the characteristic, given n table A or B, that would result under a imple random sample design (of persons, amilies, or housing units) and estimation echnique; the adjustment factor for the particular characteristic estimated, given n table C; and the number of housing inits in the tabulation area and the percent, of these in sample, given in able D. The adjustment factors reflect he effects of the actual sample design nd complex ratio estimation procedure , ised for the 1980 census.

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

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

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

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

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

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

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

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

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

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

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

Medians-For the standard error of a median of a characteristic, it is necessary to examine the distribution from which the median is derived, as the size of the base and the distribution itself affect the standard error. An approximate method is given here. As the first step, compute one-half of the number on which the median is based (refer to this result as N/2). Treat N/2 as if it were an ordinary estimate and obtain its standard error as instructed above using tables A, C, and 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:

- 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-80-1-8, *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

Persons in Housing Units With a
Family With Own Children
Under 18
2 persons in housing unit
3 persons in housing unit
4 persons in housing unit
5 to 7 persons in housing unit
8 or more persons in housing
unit

Persons in Housing Units With a Family Without Own Children Under 18

6-10 2 persons in housing unit through 8 or more persons in housing unit

Persons in All Other Housing Units

11 1 person in housing unit
12-16 2 persons in housing unit
through 8 or more persons
in housing unit

17 Persons in group quarters

## Stage II—Householder/ Nonhouseholder

Group

2

12

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₹4

3 5

7

9 (

9-16

17-32

a65-96

e97-128

e

Householder

Nonhouseholder (including persons in group quarters)

## Stage III—Age/Sex/Race/Spanish Origin

Group White Race

Persons of Spanish Origin Male

0 to 4 years of age 5 to 14 years of age 15 to 19 years of age

20 to 24 years of age

25 to 34 years of age

35 to 44 years of age 45 to 64 years of age

65 years of age or older

Female

Same age categories as

groups 1 to 8

Persons Not of Spanish Origin Same age and sex categories as groups 1 to 16

Black Race

: 33-64 Same age-sex-Spanish origin categories as groups 1 to 32

> Asian, Pacific Islander Race Same age-sex-Spanish origin categories as groups 1 to 32

> American Indian, Eskimo, or Aleut Race

Same age-sex-Spanish origin categories as groups 1 to 32

Other Race (includes those races not listed above)

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

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

As the final step, the initial weights underwent three stages of ratio adjustment which used the groups listed above. At the first stage, the ratio of the complete census count to the sum of the initial weights for each sample person was computed for each stage I group. The initial weight assigned to each person in a group was then multiplied by the stage I group ratio to produce an adjusted weight. In stage II, the stage I adjusted weights were again adjusted by the ratio of the complete census count to the sum of the stage I weights for sample persons in each stage II group. Finally, the stage II weights were adjusted at stage III by the ratio of the complete census count to the sum of the stage II weights for sample persons in each The three stages of stage III group. 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 The first stage for occupied stage. housing units employed 16 householdtype categories and the second stage could potentially use 190 tenure-race-Spanish origin-value/rent groups. 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

8
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ing
mily
ler 18
unit
sons

All Other Housing Units 11 1 person in housing unit 12-16 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 White Race (householder) Persons of Spanish Origin (householder) Value of House 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

Persons Not of Spanish Origin

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
F	Renter White Book
81 82 83 84 85 86 87 88 89 90	White Race Persons of Spanish Origin Rent Categories \$1 to \$59 \$60 to \$99 \$100 to \$149 \$150 to \$199 \$200 to \$249 \$250 to \$299 \$300 to \$399 \$400 to \$499 \$500+ Other Renter 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

Vacant for Rent
 Vacant for Sale
 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 precanvass 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, longform 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. 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 autoassigned the rent that was matically reported for the preceding renteroccupied 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.

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## Table A. Unadjusted Standard Errors for Estimated Totals

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

Estimated	Size of publication area													
Total <u>1</u> /	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
į														

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

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

N = Size of area

 $\hat{Y}$  = Estimate of characteristic total

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

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

Estimated Percentage		Base of percentage												
, or compage	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 3.0	1.8 2.4	1.5 2.1	1.3 1.7	1.0	0.7 0.9	0.6 0.8	0.5 0.7	0.3 0.4	0.2	0.2 0.2	0.1 0.1	0.1	
15 or 85	3.6 4.0	2.9 3.3	2.5 2.8	2.1	1.6	1.1	0.9 1.0	0.8	0.5 0.6	0.4	0.3	0.2 0.2	0.1	
25 or 75	4.3 4.6	3.5 3.7	3.1 3.2	2.5 2.6	1.9 2.0	1.4	1.1	1.0	0.6 0.6	0.4 0.5	0.3 0.3	0.2 0.2	0.1	
35 or 65	4.8 5.0	3.9 4.1	3.4 3.5	2.8 2.9	2.1 2.2	1.5 1.6	1.2 1.3	1.1	0.7 0.7	0.5 0.5	0.3 0.4	0.2 8.2	0.2	

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

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

8 =Base of estimated percentage

 $\hat{p}$  = Estimated percentage

<sup>2/</sup> The total count of housing units in the area.

Table C. Standard Error Adjustment Factors

IPercent of persons or housing units in sample!

	Less than	19 to 33	More than
Characteristic	19 Percent	Percent	33 Percent
Household type	1.1	1.0	0.5
Age and sex of householder	1.0	1.0	0.5
Occupancy status	1.1	1.0	0.5
Vacant price asked and vacant rent asked	1.1	1.0	0.5
Tenure	1.1	0.9	0.5
Units in structure	1.1	1.0	0.5
Stories in structure	0.9	0.7	0.4
Passenger elevator	0.8	0.4	0.4
Persons in unit	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	1.2	1.0	0.5
Number of bedrooms	1.1	1.0	0.5
Rooms	1.1	1.0	0.5
Telephone in housing unit	1.1	0.9	0.5
Air conditioning	1.1	1.1	0.7
Vehicles available	1.1	0.9	0.5
Gross rent and contract rent	1.1	0.9	0.5
Gross rent as a percentage of household			
income in 1979	1.1	0.9	0.5
Mortgage status and selected			
monthly owner costs	1.1,	0.9	0.5
Household income	1.1	0.9	0.5
Poverty status: Housing	1.1	0.9	0.5
Existence of complete plumbing for			
exclusive use with 1.01 persons per			•
room or more	1.1	1.0	0.5
Value	1.0	1.0	0.5

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

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

The SMSA Places of 50,000 or More and Central Cities of SMSA's	Housing units	
	100-percent count	
The SMSA	62 191	16.0
PLACES OF 50,000 OR MORE AND CENTRAL CITIES OF SMSA's		
Fort Collins city	25 382	15.8



## 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.
- 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 "O" 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.

 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 we	ek 2

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

#### INSTRUCTIONS FOR QUESTIONS H13 THROUGH H20

H13. Mark only one circle.

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

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

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

- H14a. Do not count unfinished basements or unfinished attics. However, a basement or attic with finished room(s) for living purposes should be counted as a story.
- H15a. A city or suburban lot is usually located in a city, a community, or any built-up area outside a city or community, and is not larger than the house and yard. All living quarters in apartment buildings, including garden-type apartments in the city or suburbs, are considered on a city or suburban lot.

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

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

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

- H17. A public sewer is operated by a government body or a private organization. A septic tank or cesspool is an underground tenk 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, well, 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 emount, 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.
- Count all children born alive, including any who have died (even shortly after birth) or who no longer live with her.

#### **INSTRUCTIONS FOR QUESTIONS 21 THROUGH 26**

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

#### Count as work:

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

Work in own business, professional practice, or farm.

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

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

Active duty in Armed Forces.

#### Do not count as work:

Housework or yard work at home.

Unpaid volunteer work.

Work done as a resident of an institution.

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

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

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

- 24a. Travel time is from door to door. Include time taken waiting for public transportation, picking up passengers in carpools, etc.
  - b. Mark Worked at home for a person who works on a farm where he or she lives, or in an office or shop in the person's home.
  - c. If the person was driven to work by someone who then drove back home or to a non-work destination, mark Drive alone.
  - d. Do not include riders who rode to school or some other non-work destination.
- 25. If the person works only during certain seasons or on a day-to-day basis when work is available, mark No.
- 26a. Mark Yes if the person tried to get a job or to start a business or professional practice at any time in the last four weeks; for example, registered at an employment office, went to a job interview, placed or answered ads, or did anything toward starting a business or professional practice.
  - b. Mark No, already has a job if the person was on layoff or was expecting to report to a job within 30 days.

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

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

#### **INSTRUCTIONS FOR QUESTIONS 27 THROUGH 29**

- 27. Look at the instructions for 22a to see what to count as work. Mark Never worked if the person: (1) never worked at any kind of job or business, either full or part time, (2) never did any work, with or without pay, in a family business or farm and (3) never served in the Armed Forces.
- 28a. If the person worked for a company, business, or government agency, print the name of the company, not the name of the person's supervisor. If the person worked for an individual or a business that has no company name, print the name of the individual worked for. If the person worked in his or her own business, print "self-employed."
  - b. Print two or more words to tell what the business, industry, or individual employer named in 28a does. If there is more than one activity, describe only the major activity at the place where the person works. Enter what is made, what is sold, or what service is given.

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

Unacceptable	Acceptable
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.

Unacceptable	Acceptable
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

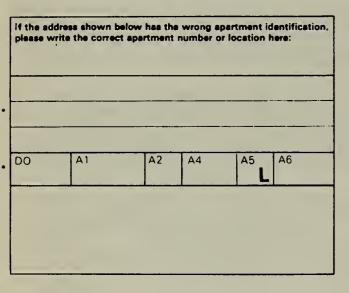
- expenses and pay "in kind," (for example, food, lodging received as payment for work performed).
- Include net earnings (gross earnings minus business expenses) from a nonfarm business. If business lost money, write "Loss" above the amount.
- c. Include net earnings (gross receipts minus operating 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.
- 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



## 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.

U.S. Department of Commerce Bureau of the Census Form D-2

Please continue -

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 hefp, 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

1. What is the name of each person who was living

Tuesday April 1 1980

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.

<del></del>	<del></del>	<del> </del>
•		

#### 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

11 Ab a	These are the columns	PERSON in column 1	PERSON in column 2		
Here are the OUESTIONS	for ANSWERS	Last name	Lest name		
<b>↓</b>	Please fill one column for each person listed in Question 1.	First name Middle initial	First name Middle initi		
2. How is this person related to the person in column 1?  Fill one circle.  If "Other relative" of person in column 1, give exact relationship, such as mother-in-law, nlece, grandson, etc.		START in this column with the household member (or one of the members) in whose name the home is owned or rented. If there is no such person, start in this column with any adult household member.	If relative of person in column 1:      Husband/wife    Father/mother     Son/daughter    Other relative —     Brother/sister      If not related to person in column 1:     Roomer, boarder    Other nonrelative Partner, roommate    Paid employee		
3. Sex Fill one	e circle.	O Male Female	O Male Female		
4. Is this perso		<ul> <li>White</li> <li>Black or Negro</li> <li>Hawaiian</li> <li>Japanese</li> <li>Guamanian</li> <li>Chine'se</li> <li>Samoan</li> <li>Filipino</li> <li>Eskimo</li> <li>Korean</li> <li>Aleut</li> <li>Vietnamese</li> <li>Indian (Amer.)</li> <li>Print</li> <li>tribe</li> </ul>	<ul> <li>White</li> <li>Black or Negro</li> <li>Hawaiian</li> <li>Japanese</li> <li>Guamanian</li> <li>Chinese</li> <li>Samoan</li> <li>Filipino</li> <li>Eskimo</li> <li>Korean</li> <li>Aleut</li> <li>Vietnamese</li> <li>Indian (Amer.)</li> <li>Print</li> <li>tribe</li> </ul>		
5. Age, and m	onth and year of birth	a. Age at last c. Year of birth birthday f	a. Age at last c. Year of birth birthday		
a. Print age at	last birthday.				
b. Print month	and fill one circle.	b. Month of 1 • 8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	b. Month of		
c. Print year in below each	n the spaces, and fill one circle number.	birth 2 0 2 0 3 0 3 0 4 0 4 0 5 0 5 0 5 0 6 0 7 0 7 0 7 0 7 0 9 0 9 0 9 0 9 0 9 0 9	birth 2 0 2 0 3 0 3 0 4 0 4 0 5 0 5 0 5 0 6 0 6 0 7 0 7 0 0 0 0 0 0 0 0 0 0 0 0		
6. Marital stat	us	Now married	Now married		
Fill one circle	е.	O Widowed O Never married O Divorced	O Widowed O Never married O Divorced		
7. Is this pers origin or de		No (not Spanish/Hispanic) Yes, Mexican, Mexican-Amer., Chicano Yes, Puerto Rican Yes, Cuban Yes, other Spanish/Hispanic	<ul> <li>No (not Spanish/Hispanic)</li> <li>Yes, Mexican, Mexican-Amer., Chicano</li> <li>Yes, Puerto Rican</li> <li>Yes, Cuban</li> <li>Yes, other Spanish/Hispanic</li> </ul>		
attended re any time? kindergarten, e	uary 1, 1980, has this person egular school or college at  Fill one circle. Count nursery school, elementary school, and schooling which school diploma or college degree.	U 163, private, criticipie ateu	No, has not attended since February 1 Yes, public school, public college Yes, private, church-related Yes, private, not church-related		
	e highest grade (or year) of gool this person has ever	Highest grade attended:  O Nursery school  Elementary through high school (grade or year)  1 2 3 4 5 6 7 8 9 10 11 12	Highest grade attended:  Nursery school  Elementary through high school (grade or year)  1 2 3 4 5 6 7 8 9 10 11 12		
person is in.	ding school, mark grade If high school was finished ccy test (GED), mark "12."	College (academic year)  1 2 3 4 5 6 7 8 or more  O O O O O  Never attended school - Skip question 10	College (academic year)  1 2 3 4 5 6 7 8 or more  O O O O O  Never attended school — Skip question 10		
	erson finish the highest year) attended? cle.	Now attending this grade (or year)     Finished this grade (or year)     Did not finish this grade (or year)	Now attending this grade (or year) Finished this grade (or year) Did not finish this grade (or year)		
		CENSUS A. OI ON OO	CENSUS A. OIONO		

Page 3

	NOW PLEASE ANSW	YER QUESTIONS H1—H12
PERSON in column 7	If you listed more than	R HOUSEHOLD
First name Middle initial	please see note on page 20.	H9. Is this apartment (house) part of a condominium?
If relative of person in column 1:	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	O No Yes, a condominium
O Husband/wife O Father/mother	once in a while and has no other home?	H10. If this is a one-family house –
O Son/daughter O Other relative	Yes — On page 20 give name(s) and reason left out.      No	a. Is the house on a property of 10 or more acres?
	H2. Did you list anyone in Question 1 who is away from home now —	O Yes No
If not related to person in column 1:  O Roomer, boarder O Other	for example, on a vacation or in a hospital?	b. Is any part of the property used as a
O Partner, roommate nonrelative, O Paid employee	<ul> <li>Yes — On page 20 give name(s) and reason person is away,</li> <li>No</li> </ul>	commercial establishment or medical office?  O Yes  O No
O Male Female	H3. Is anyone visiting here who is not already listed?	H11. If you live in a one-family house or a condominium
O White O Asian Indian O Black or Negro O Hawaiian	<ul> <li>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.</li> <li>No</li> </ul>	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
O Japanese O Guamanian	H4. How many living quarters, occupied and vacant, are at this	condominium unit) would sell for if it were for sale?
○ Chinese ○ Samoan ○ Filipino ○ Eskimo	address?	Do not answer this question if this is -
O Korean O Aleut	O One	A mobile home or trailer
○ Vietnamese ○ Other — Specify ○ Indian (Amer.)	2 apartments or living quarters     3 apartments or living quarters	A house on 10 or more acres     A house with a commercial establishment
Print	4 apartments or living quarters	or medical office on the property
tribe	5 apartments or living quarters     6 apartments or living quarters	O Less than \$10,000 O \$50,000 to \$54,999
a. Age at last c. Year of birth birthday [ 1 ]	7 apartments or living quarters	○ \$10,000 to \$14,999 ○ \$55,000 to \$59,999 ○ \$15,000 to \$17,499 ○ \$60,000 to \$64,999
	8 apartments or living quarters     9 apartments or living quarters	○ \$17,500 to \$19,999 ○ \$65,000 to \$69,999
b. Month of 9 0 1 0 1 0	9 apartments or living quarters     10 or more apartments or living quarters	○ \$20,000 to \$22,499 ○ \$70,000 to \$74,999
birth 2 0 2 0	O This is a mobile home or trailer	○ \$22,500 to \$24,999  ○ \$75,000 to \$79,999
3030	H5. Do you enter your living quarters —	○ \$25,000 to \$27,499 ○ \$80,000 to \$89,999 ○ \$27,500 to \$29,999 ○ \$90,000 to \$99,999
5 0 5 0	Directly from the outside or through a common or public hall?	○ \$30,000 to \$34,999 ○ \$100,000 to \$124,999
○ Jan.—Mar. 6 ○ 6 ○ 6 ○ 7 ○ 7 ○ 6 ○ 6 ○ 6 ○ 6 ○ 6 ○	Through someone else's living quarters?	○ \$35,000 to \$39,999 ○ \$125,000 to \$149,999 ○ \$40,000 to \$44,999 ○ \$150,000 to \$199,999
O July-Sept. 8 O 8 O	H6. Do you have complete plumbing facilities in your living quarters,	○ \$45,000 to \$49,999 ○ \$200,000 or more
Oct.—Dec. 9 0 9 0	that is, hot and cold piped water, a flush toilet, and a bathtub or shower?	H12. If you pay rent for your living quarters -
Now married		What is the monthly rent?
O Widowed O Never married	Yes, for this household only     Yes, but also used by another household	If rent is not paid by the month, see the instruction guide on how to figure a monthly rent.
O Divorced	O No, have some but not all plumbing facilities	O Less than \$50
O No (not Spanish/Hispanic)	No plumbing facilities in living quarters	0 \$50 to \$59
<ul> <li>Yes, Mexican, Mexican-Amer., Chicano</li> <li>Yes, Puerto Rican</li> </ul>	H7. How many rooms do you have in your living quarters?  Do not count bathrooms, porches, balconles, foyers, halls, or half-rooms.	○ \$60 to \$69 ○ \$180 to \$189 ○ \$70 to \$79 ○ \$190 to \$199
O Yes, Cuban	○ 1 room ○ 0 4 rooms ○ 7 rooms	O \$80 to \$89
○ 'Yes, other Spanish/Hispanic	○ 2 rooms ○ 5 rooms ○ 8 rooms	○ \$90 to \$99  ○ \$225 to \$249
O No, has not attended since February 1	O 3 rooms O 6 rooms O 9 or more rooms	○ \$100 to \$109 ○ \$110 to \$119 ○ \$250 to \$274 ○ \$275 to \$299
O Yes, public school, public college O Yes, private, church-related	H8. Are your living quarters —	○ \$120 to \$129 ○ \$300 to \$349
<ul> <li>Yes, private, church-related</li> <li>Yes, private, not church-related</li> </ul>	Owned or being bought by you or by someone else in this household?	
	Rented for cash rent?     Occupied without payment of cash rent?	○ \$140 to \$149
Highest grade attended:	THE CENSUS HELD THE CENSUS HELD	
Nursery school     Mindergarten     Elementary through high school (grade or year)		
1 2 3 4 5 6 7 8 9 10 11 12	number Occupied C1. Is this un	tfor— persons
000000 00 000 0	O First form	ound use O Less than 1 month O 1 up to 2 months
College (academic year)	Continuation Seaso	onal/Mig. — Skip C2,
1 2 3 4 5 6 7 8 or more	III III Vacant	6 up to 12 months I I I
0000000	222 222 O Regular O Forre	ont O 1 year up to 2 years 2 2 2 1 lele only O 2 or more years 3 3 3
Never attended school-Skip question 10	444 A 444 O Usual nome O Rente	ed or sold, not occupied
Now attending this grade (or year)		for occasional use E. Indicators 5.5.5
Finished this grade (or year)     Did not finish this grade (or year)	2 2 2 2 2 2 2 2 1 min min	vacant 1. 0 0 Mail return 6 6 6 6 2. 0 0 Pop./F 7 7 7
	888 8888 O Continuation	8 8 8
CENSUS A. OI ON OO	999 9999 Continuation 999	O No OO 999

ge 4	ALSO ANSWER THESE	QUESTIONS
H13. Which best describes this building?	H21a. Which fuel is used most for house heating?	CENSUS
Include all apartments, flats, etc., even if vacant.	Gas: from underground pipes     Coal or coke	USE
A mobile home or trailer	serving the neighborhood Wood	H22a.
A one-family house detached from any other house	O Gas: bottled, tank, or LP O Electricity O Other fuel	0 0 0
A one-family house attached to one or more houses     A building for 2 families	O Fuel ail, kerosene, etc.	8 8 8 I I I
A building for 3 or 4 families		3, 3 3
O A building for 5 to 9 families	b. Which fuel is used most for water heating?	9- 9- 9-
A building for 10 to 19 families	Gas: from underground pipes  Coal or coke	5 5 5
O A building for 20 to 49 families	serving the neighborhood  Gas: bottled, tank, or LP  Wood	6 6 6
A building for 50 or more families	O Electricity O Other fuel	7 7 7
O A boat, tent, van, etc.	O Fuel ail, kerosene, etc.	9 9 9
		1
H14a. How many stories (floors) are in this building?	c. Which fuel is used most for cooking?	H22b.
Count an attic or basement as a story if it has any finished rooms for living purposes.	Gas: from underground pipes color coke serving the neighborhood	1 1 1
0 1 to 3 — Skip to H15 0 7 to 12	O Gas: bottled tank or I P O Wood	8 8 8
O 4 to 6 O 13 or more stories	O Electricity O Other fuel No fuel used	3 3 3
b. Is there a passenger elevator in this building?	O Fuel oil, kerosene, etc.	9 9 9
O Yes O No	H22. What are the costs of utilities and fuels for your living quarters?	5 5 5
O Tes O NO	a. Electricity	6 6 6
H15g. Is this building —	\$ .00 OR O Included in rent or no charge	8 8 8
On a city or suburban lot, or on a place of less than 1 acre? — Skip to H16	Average monthly cost  © Electricity not used	9 9 9
On a place of 1 to 9 acres?	b. Gas	H22c.
On a place of 10 or more acres?	\$ .00 OR O Included in rent or no charge O Gas not used	0 0 0
	Average monthly cost Used	1 1 1
b. Last year, 1979, did sales of crops, livestock, and other farm products	c. Water	8 8 8
from this place amount to —	\$ .00 OR O Included in rent or no charge	3 3 3
O Less than \$50 (or None) O \$250 to \$599 O \$1,000 to \$2,499	Yearly cost	4 4 4
○ \$50 ta \$249 ○ \$600 ta \$999 ○ \$2,500 ar more	d. Oil, coal, kerosene, wood, etc.	5 5 5
H16. Do you get water from —	\$ .00 OR O Included in rent or no charge	7 7 7
O A public system (city water department, etc.) or private company?	Yearly cost	888
A position system (etc) water department, etc.) or private company.      An individual drilled well?	H23. Do you have complete kitchen facilities? Complete kitchen facilities	9 9 9
O An individual dug well?	are a sink with piped water, a range or cookstove, and a refrigerator.	H22d.
O Some other source (a spring, creek, river, cistern, etc.)?	O Yes O No	0000
H17. Is this building connected to a public sewer?	H24. How many bedrooms do you have?	IIIII
O Yes, connected to public sewer	Count rooms used mainly for sleeping even if used also for other purposes.	5 5 5 5
O No, connected to septic tank or cesspool	O Na bedroom O 2 bedrooms O 4 bedrooms	3333
O No, use other means	○` 1 bedroom ○ 3 bedrooms ○ 5 or more bedrooms	5555
H18. About when was this building originally built? Mark when the building was	H25. How many bathrooms do you have?	6666
first constructed, not when it was remodeled, added to, or converted.	A complete bathroom is a room with flush toilet, bathtub or shower, and	7777
O 1979 or 1980 O 1960 to 1969 O 1940 to 1949	wash basin with piped water.	8888
O 1975 to 1978 O 1950 to 1959 O 1939 or earlier	A half bathroom has at least a flush tollet or bathtub or shower, but does	
O 1970 to 1974	not have all the facilities for a complete bathroom.  No bathroom, or only a half bathroom	
H19. When did the person listed in column 1 move into	1 complete bathroom	
this house (or apartment)?	1 complete bathroom, plus half bath(s)	0000
○ 1979 or 1980 ○ 1950 to 1959	O 2 or more complete bathrooms	5555
0 1975 to 1978 0 1949 or earlier	H26. Do you have a telephone in your living quarters?	3333
○ 1970 to 1974	O Yes No	4444
		5555
H20. How are your living quarters heated?	H27. Do you have air conditioning?	6666
Fill one circle for the kind of heat used most,	O Yes, a central air-conditioning system	8888
Steam or hot water system     Central warm-air furnace with ducts to the individual rooms	O Yes, 1 individual room unit	9999
(Do not count electric heat pumps here)	O Yes, 2 or more individual room units O No	
Electric heat pump		1111
Other built-in electric units (permanently Installed In wall, ceiling,	H28. How many automobiles are kept at home for use by members	5555
or baseboard)	of your household?	3333
	O None O 2 automobiles O 1 automobile O 3 or more automobiles	4444
O Floor, wall, or pipeless furnace		5555
Room heaters with flue or vent, burning gas, oil, or kerosene     Room heaters without flue or vent, burning gas, oil, or kerosene (not portable)	H29. How many vans or trucks of one-ton capacity or less are kept at	6666
<ul> <li>Room heaters <u>without</u> flue or vent, burning gas, oil, or kerosene (not portable)</li> <li>Fireplaces, stoves, or portable room heaters of any kind</li> </ul>		8888
O No heating equipment	O None O 2 vans or trucks	9999
	O 1 van or truck O 3 or more vans or trucks	

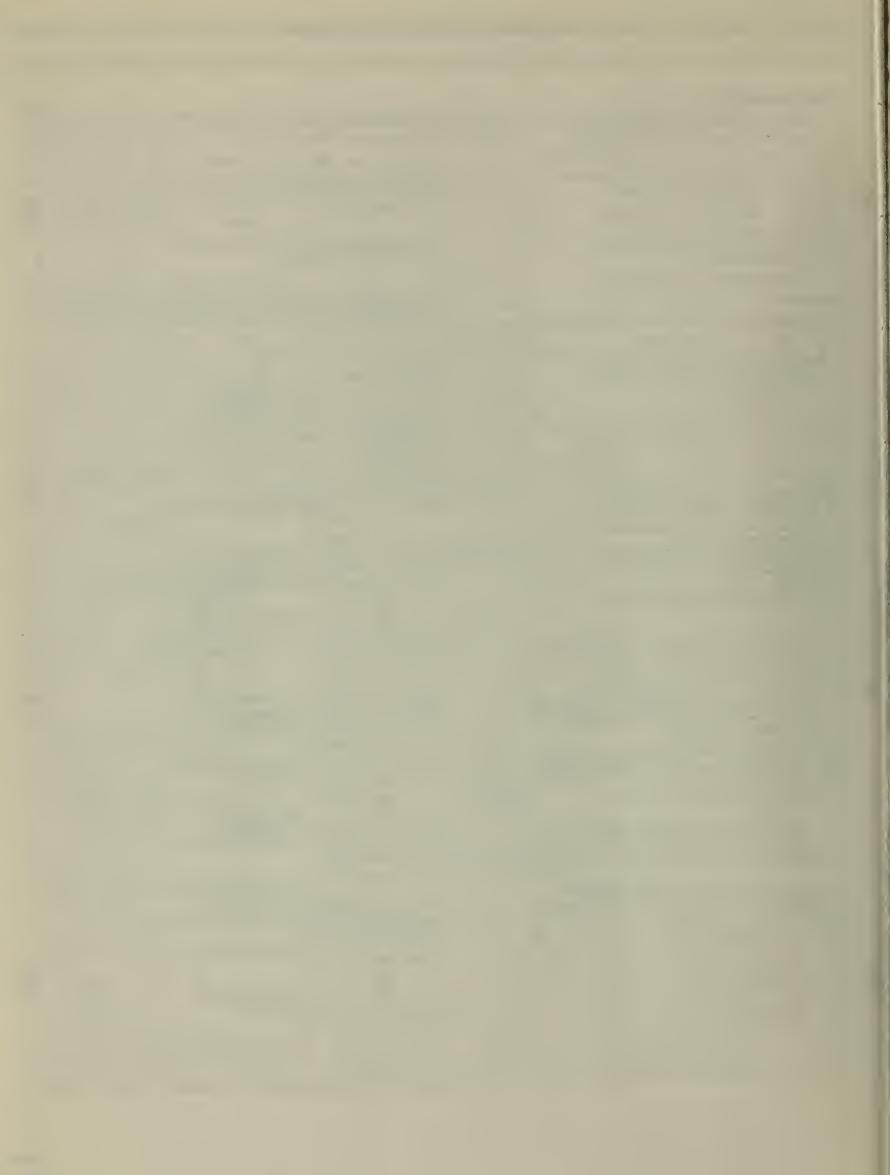
098?6543 • I

Please arrays H30 H32 If you this In a one family house		P
	rent your unit or this is a kip H30 to H32 and turn to page 6.	
What were the real estate taxes on this property last year?	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 O None		
L. What is the annual premium for fire and hazard insurance on this property?	\$ .00 OR O No regular payment required	— Skip to page
	d. Does your regular monthly payment (amount entered in H32c) incl	ude
\$ .00 OR O None	payments for real estate taxes on this property?	
a. Do you have a mortgage, deed of trust, contract to purchase, or similar	Yes, taxes included in payment     No, taxes paid separately or taxes not required	
debt on this property?		
O Yes, mortgage, deed of trust, or similar debt	e. Does your regular monthly payment (amount entered in H32c) inclination payments for fire and hazard insurance on this property?	ude
O Yes, contract to purchase	O Yes, insurance included in payment	
O No — Skip to page 6	No, insurance paid separately or no insurance	
. Do you have a second or junior mortgage on this property?		
○ Yes ○ No		
	Please turn to page 6	
\\\\\\\`FOR CENSU	S USE ONLY	////
	S USE ONLY	4.
	1 2. 4. 2 2. 4. 3 2.	4.
FOR CENSU	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	00
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	1 2. 4. 2 2. 4. 3 2. 5.S. I I I I I I I I I I I I I I I I I I	00 11 22 33 44 55 67
FOR CENSU	1 2. 4. 2 2. 4. 3 2. 5.S. I I I I I I I I I I I I I I I I I I	00 11 23 33 44 55 67 83
	1 2. 4. 2 2. 4. 3 2. 5.S. I I I I I I I I I I I I I I I I I I	00 11 23 34 55 67 83
	1 2. 4. 2 2. 4. 3 2. 5 2. 4. 3 2. 5 2. 6 2. 6 2. 6 2. 6 4. 6 2. 6 6 6 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7.	Ø 1 1 2 3 3 4 4 5 5 6 7 2 8 9 4.
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	1 2. 4. 2 2. 4. 3 2. 5. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 1 1 2 3 4 5 6 7 8 9 4 . 0 1 2 3 4 5 6 7 8 9 6 7 8 9 6 7 8 9 9 9 6 7 8 9 9 9 6 7 8 9 9 9 6 7 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9
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ge 6	ANSWER THESE QUESTIONS FO

	16. When was this person born?	22a. Did this person work at any time last week?
Person 1	O Born before April 1965 —	O Yes — Fill this circle if this O No — Fill this circle
on page 2:  Last name First name Middle initial	Please go on with questions 17-33  Born April 1965 or later —	person worked full if this person time or part time.
11. In what State or foreign country was this person born?	Turn to next page for next person	(Count part-time work or did only own
Print the State where this person's mother was living	17. In April 1975 (five years ago) was this person —	such as delivering papers, housework, or helping without pay in school work,
when this person was born. Do not give the location of the hospital unless the mother's home and the hospital	a. On active duty in the Armed Forces?  • Yes • No	a family business or farm. or volunteer
were in the same State.		Also count active duty work.
	b. Attending college?	in the Armed Forces.)
	O Yes O No	Skip to 25
Name of State or foreign country; or Puerto Rico, Guam, etc.	c. Working at a job or business?	b. How many hours did this person work <u>last week</u> (at all jobs)?
12. If this person was born in a foreign country —  a. Is this person a naturalized citizen of the	O Yes, full time O No O Yes, part time	Subtract any time off; add overtime or extra hours worked.
United States?	O res, part unie	
O Yes, a naturalized citizen	18a. Is this person a veteran of active-duty military service in the Armed Forces of the United States?	Hours
No, not a citizen     Sorn abroad of American parents		23. At what location did this person work last week?
O Born abroad of American parents	see instruction guide.	If this person worked at more than one location, print
b. When did this person come to the United States	○ Yes ○ No — Skip to 19	where he or she worked most last week.
to stay?	b. Was active-duty military service during —	If one location cannot be specified, see instruction guide.
O 1975 to 1980 O 1965 to 1969 O 1950 to 1959	, • • •	a. Address (Number and street)
○ 1970 to 1974 ○ 1960 to 1964 ○ Before 1950	<ul> <li>May 1975 or later</li> <li>Vietnam era (August 1964—April 1975)</li> </ul>	a. Houses (Hamber and street)
13a. Does this person speak a language other than	Vietnam era (August 1964 – April 1973)     February 1955 – July 1964	
English at home?	O Korean conflict (June 1950—January 1955)	If street address is not known, enter the building name,
	○ World War II (September 1940 – July 1947) ○ World War I (April 1917 – November 1918)	shopping center, or other physical location description.
	O Any other time	b. Name of city, town, village, borough, etc.
b. What is this language?	19. Does this person have a physical, mental, or other	
	health condition which has lasted for 6 or more	c. Is the place of work inside the incorporated (legal)
(For example – Chinese, Italian, Spanish, etc.)	months and which Yes No	limits of that city, town, village, borough, etc.?
c. How well does this person speak English?	a. Limits the kind or amount of work this person can do at a job?	O Yes O No, in unincorporated area
O Very well O Not well		
O Well O Not at all	b. Prevents this person from working at a job?  C. Limits or prevents this person	d. County
14. What is this person's ancestry? If uncertain about	from using public transportation?	
how to report ancestry, see Instruction guide.	20. If this person is a female — None 1 2 3 4 5 6	e. State f. ZIP Code
	How many babies has she ever 0 00000	
	had, not counting stillbirths?  Do not count her stepchildren 7 8 9 10 11 12 or	24a. <u>Last week</u> , how long did it usually take this person to get from home to work (one way)?
(For example: Afro-Amer., English, French, German, Honduran	more	,
Hungarian, Irish, Italian, Jamaican, Korean, Lebanese, Mexican, Nigerian, Polish, Ukrainian, Venezuelan, etc.)	21. If this person has ever been married —	Minutes
rigerian, Folish, Okrainian, Vellezaelan, etc.)	a. Has this person been married more than once?	b. How did this person usually get to work last week?
15a. Did this person live in this house five years ago	Once O More than once	If this person used more than one method, give the one
(April 1, 1975)?  If in college or Armed Forces in April 1975, report place	b. Month and year Month and year	usually used for most of the distance.
of residence there.	of marriage? of first marriage?	O Car O Taxicab O Truck O Motorcycle
O Born April 1975 or later - Turn to next page for		O Van O Bicycle
O Yes, this house - Skip to 16	(Month) (Year) (Month) (Year)	O Bus or streetcar O Walked only O Railroad O Worked at home
	c. If married more than once - Did the first marriage	O Subway or elevated O Other — Specify ————————————————————————————————————
b. Where did this person live five years ago	1 0 Van 0 Na	If car, truck, or van in 24b, go to 24c.
(April 1, 1975)?	harring the second	Otherwise, skip to 28.
(1) State, foreign country,	FOR CENSUS	
Puerto Rico,	Per. 11. 13b. 14.	15b. 23. • O VL 24a.
Guam, etc.:	No. 000 000 000 000 000	
	S   S   S   S   S   S   S   S   S   S	S S S S S S S S S S S S S S S S S S S
(2) County:	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
(3) City, town,	\( \dagger  \qqq	444       555 </td
village, etc.:	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	666 666 666 666 66
(4) Inside the incorporated (legal) limits of that city, town, village, etc.?	7 777 777 777	777 777 777 277 777 77
Yes	0   888   888       888   888	888 888 888 888 888 888 888 999 999 999
o maj in animorpalated area		

c. When going to work last week, did this person usually -	CENSUS	31a. Last year (1979), did this person		CEN	i <b>s</b> us u	SE ONLY
○ Drive alone — Skip to 28 ○ Drive others only	USE	days, at a paid job or in a busine	ss or farm?			
O Share driving O Ride as passenger only	21b.	○ Yes	O No - Skip to 31d	31b.	31c.	31d.
d. How many people, including this person, usually rode	1 1 1			0 Ø	Ø Ø	1 1
to work in the car, truck, or van last week?	SS	b. How many weeks did this persor		SS	SS	l s s
0 2 0 4 0 6	1133	Count paid vacation, paid sick leave, o	and military service.	3 3	3 3	•
0 3 0 5 0 7 or more	044		Weeks	55	4 4 ! 5 5	
After answering 24d, skip to 28.  15. Was this person temporarily absent or on layoff from a job	1 " 6 6	c. During the weeks worked in 197	how many house did	3 3	166	1 -
or business last week?	7 ?	this person usually work each w		7	7 7	7
O Yes, on layoff	IV 8 8	, , , , , , , , , , , , , , , , , , , ,	Hours	8	88	
O Yes, on vacation, temporary illness, labor dispute, etc.	099			(۲)	99	9
O No	22b.	d. Of the weeks <u>not worked</u> in 1979	(if any), how many weeks	32a.		32b.
6a. Has this person been looking for work during the last 4 weeks	7 00	was this person looking for work	or on layoff from a job?	000	00	0000
O Yes O No — Skip to 27	1 1		Weeks	I I		IIIII
	3 3	20.1		3 3		3333
b. Could this person have taken a job last week?	99	32. Income in 1979 —  Fill circles and print dollar amounts.		9-9-		4444
No, already has a job     No, temporarily ill	5.5	If net income was a loss, write "Loss"	bove the dollar amount.	5.5	5 5	5555
O No, other reasons (in school, etc.)	66	If exact amount is not known, give bes		66		6666
O Yes, could have taken a job	<b>?</b> 7	received jointly by household member	, see instruction guide.	27	88 !	7777 8888
27. When did this person last work, even for a few days?	99	During 1979 did this person recei	ve any income from the	99		9999
○ 1980 ○ 1978 ○ 1970 to 1974 )	20	following sources?		_	A O	0 A 0
0 1079 0 1975 to 1977 0 1969 or earlier Skip to		If "Yes" to any of the sources below -		32c.		32d.
O Never worked 314	ABC	person receive for the entire year		00	00	0000
28-30. Current or most recent job activity	7	a. Wages, salary, commissions, bon all jobs Report amount before		1 1	1	1111
Describe clearly this person's chief job activity or business last week.	DEF	dues, or other items.	e debute ports for taxes, bornes,	33		3 3 3 3 5 5 5 5
If this person had more than one jab, describe the one at which		○ Yes → €	.00	9-9-		4444
this person worked the most hours.  If this person had no job or business last week, give information for	000	O No 74	nnual amount - Dollars)		5 5	5 5 5 5
last job or business since 197S.		b. Own nonfarm business, partners		1	66	6666
28. Industry	- K L M	practice Report net Income of			7 7   8 8	7777
a. For whom did this person work? If now on active duty in the	1000	■ ○ Yes → •	.00		99	9999
Armed Forces, print "AF" and skip to question 31.	000	O No	nnual amount - Dollars)		AO	0 A 0
	III	c. Own farm	madramount - Donarsy	32e.		32f.
(Name of company, business, organization, or other employer)	33	Report net income after operating ex	penses. Include earninas as	00	. !	0000
b. What kind of business or industry was this?	3 3	a tenant farmer or sharecropper.			II	111
Describe the activity at location where employed.	5.5	○ Yes → s	.00		s s !	5 S S
	6.6	O No 74	nnual amount - Dollars)		33	
(For example: Haspital, newspaper publishing, mail order house,	88	d. Interest, dividends, royalties, or	net rental income		44 55	4 4 4 5 5 5
auto engine manufacturing, breakfast cereal manufacturing)  c. Is this mainly — (Fill one circle)	9 5	Report even small amounts credited			66	6.6 6
	AF O	○ Yes → s	.00	1	7 7	777
Wholesale trade Other - (ogriculture, construction	l NW O	O No 7	nnual amount - Dollars)		88	888
service, government, etc.	4	e. Social Security or Railroad Retir	ement	1	99	999
29. Occupation  a. What kind of work was this person doing?	29.	→ ○ Yes → •	.00	32g.		33.
a. What kind of work was this person doing:	NPQ	O No 7/4	nnual amount - Dollars)	00		0000
, <del>.</del>	000	f. Supplemental Security (SSI), Aid		SS		5555 1111
(For example: Registered nurse, personnel manager, supervisor of order department, gasoline engine assembler, grinder operator)	RST	Dependent Children (AFDC), or		3 3		3333
b. What were this person's most important activities or duties!	000	or public welfare payments		9.4		9999
	UVW	○ Yes → s	.00		5 5	5555
(For example: Patient care, directing hiring policies, supervising	000	O No 7	nnual amount - Dollars)	66		6666
order clerks, assembling engines, operating grinding mill)	$\perp$ $\times$ $\times$ $\times$	g. Unemployment compensation,	reterans' payments,	88		8888
30. Was this person — (Fill one circle)	000	pensions, alimony or child supp	ort, or any other sources	99		9999
Employee of private company, business, or	00	of income received regularly				0 40
individual, for wages, salary, or commissions O	II	Exclude lump-sum payments such as or the sale of a home.	money trom an inheritance		1	
Federal government employee	8.8	O Yes -	00	SS	l s s	
State government employee O  Local government employee (city, county, etc.) O	3 3 3	O No	.00.	3 3	3 3	
	999	(/	nnual amount - Dollars)	44	44	
Self-employed in own business, professional practice, or farm —	555	33. What was this person's total inco	me in 19/9!	5 5	5 5	
Own business not incorporated	7 7 7	Add entries in questions 32a through g; subtract any losses.	.00	66	66	
Own business incorporated	888		nnual amount - Dallars)	88	8 8	
Working without pay in family business or farm O	999	If total amount was a loss, write "Loss" above amount.	OR O None	99	9 9	



## Appendix F.—Publication and Computer Tape Program

ENERAL	F-1	PUBLICATIONS-Con.
UBLICATIONS		HC80-5, Volume
		tial Finance
Population and Housing Census	F-1	HC80-S1-1, Suppl
Reports		Reports
PHC80-2, Census Tracts		Evaluation and Refer
PHC80-3, Summary Charac-	1 –2	Reports
teristics for Governmental		PHC80-E, Evaluat
Units and Standard Metro-		Research Report
politan Statistical Areas	F_2	
PHC80-4, Congressional	' -	PHC80-R, Referen
Districts of the 98th		PHC80-R1, Us
Congress	F-2	PHC80-R2, His
PHC80-S1-1, Provisional	_	PHC80-R3, All
Estimates of Social, Eco-		Index of Indu
nomic, and Housing		Occupations , PHC80-R4, Cla
Characteristics	F-2	
PHC80-S2, Advance Esti-		Index of Indu Occupations
mates of Social, Economic,		PHC80-R5, Ge
and Housing Characteristics.	F-2	Identification
Population Census Reports	F-2	Scheme
PC80-1, Volume 1, Charac-		COMPUTER TAPES
teristics of the Population	F-2	
PC80-1-A, Chapter A, Num-		Summary Tape Files
ber of Inhabitants	F-2	STF 1
PC80-1-B, Chapter B, General		STF 2
Population Characteristics	F-2	STF 3
PC80-1-C, Chapter C, General		STF 4
Social and Economic		STF 5
Characteristics	F-3	Other Computer Tap
PC80-1-D, Chapter D,		P.L. 94-171, Popu
Detailed Population		Counts
'Characteristics	F-3	Master Area Refer
PC80-2, Volume 2, Subject	_	1 and 2 (MARF)
Reports	F-3	Geographic Base I
PC80-S1, Supplementary	_	Independent Ma (GBF/DIME)
Reports		Public-Use Microc
Housing Census Reports	F-3	Samples
HC80-1, Volume 1, Charac-	F 0	Census/EEO Spec
teristics of Housing Units	F-3	MAPS
HC80-1-A, Chapter A,		
General Housing	F-3	MICROFICHE
Characteristics	13	STF 1 Microfiche
HC80-1-B, Chapter B,		STF 3 Microfiche
Detailed Housing Characteristics	F_3	P.L. 94-171 Counts I
HC80-2, Volume 2, Metro-		
politan Housing		
Characteristics	F_2	GENERAL
HC80-3, Volume 3, Subject	1 3	
Reports	F-3	The results of the 198
HC80-4, Volume 4, Compo-		lation and Housing a
nents of Inventory Change	F-3	forms: printed report

Volume 5, Residennce . . . . . . . . . F-4 1, Supplementary . . . . . . . . . . . . . . F-4 nd Reference ..... F-4 Evaluation and Reports. . . . . . F-4 Reference Reports. F-4 D-R1, Users' Guide. . F-4 D-R2, History . . . . . F-4 D-R3, Alphabetical of Industries and pations . . . . . . . . . . . . D-R4, Classified c of Industries and pations . . . . . . . . F-4 0-R5, Geographic ification Code F-4 me . . . . . . . . . . . . . . . APES . . . . . . . . . . F-4 pe Files ...... F-4 ..... F-4 . . . . . . . . . . . . . F–5 .... F–5 uter Tape Files . . . . F-5 71, Population . . . . . . . . . . . . . . F-5 ea Reference Files (MARF) . . . . . . . . F-5 ic Base File/Dual dent Map Encoding IME).... F-5 e Microdata ..... F-5 EO Special File.... F-5 . . . . . . . . . . . . . F-5 ..... F-5 fiche . . . . . . . . . F-5 fiche . . . . . . . . F-5 Counts Microfiche. . F-5

the 1980 Census of Popuusing are issued in three 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 generalpurpose 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, veterar. 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 nonfarm 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 looseleaf 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), PC80-1-8, 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.

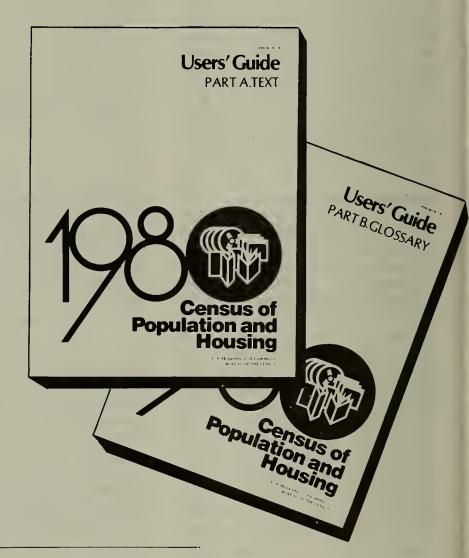
# 1980 Census of Population and Housing

## **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.



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