

1980

CENSUS OF
POPULATION
AND HOUSING

SERIES PHC(2)
CENSUS TRACTS

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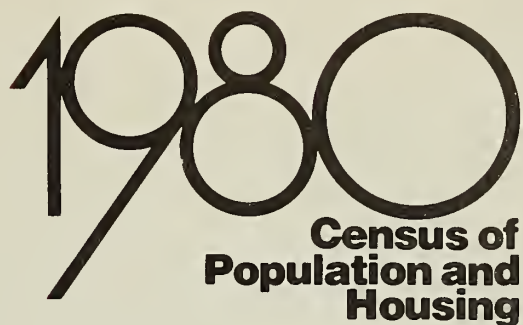
STANDARD METROPOLITAN STATISTICAL AREA



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STANDARD METROPOLITAN
STATISTICAL AREA

PHC80-2-250

Issued August 1983



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1	U.S. Summary	41	Rhode Island	77	Atlanta, Ga.	114	Charleston-North Charleston, S.C.
2	Alabama	42	South Carolina	78	Atlantic City, N.J.	115	Charleston, W. Va.
3	Alaska	43	South Dakota	79	Augusta, Ga.-S.C.	116	Charlotte-Gastonia, N.C.
4	Arizona	44	Tennessee	80	Austin, Tex.	117	Charlottesville, Va.
5	Arkansas	45	Texas	81	Bakersfield, Calif.	118	Chattanooga, Tenn.-Ga.
6	California	46	Not assigned	82	Baltimore, Md.	119	Chicago, Ill.
7	Colorado	47	Vermont	83	Bangor, Maine	120	Chico, Calif.
8	Connecticut	48	Virginia	84	Baton Rouge, La.	121	Cincinnati, Ohio-Ky.-Ind.
9	Delaware	49	Washington	85	Battle Creek, Mich.	122	Clarksville-Hopkinsville, Tenn.-Ky.
10	Not assigned	50	West Virginia	86	Bay City, Mich.	123	Cleveland, Ohio
11	Florida	51	Wisconsin	87	Beaumont-Port Arthur- Orange, Tex.	124	Colorado Springs, Colo.
12	Georgia	52	Wyoming	88	Bellingham, Wash.	125	Columbia, Mo.
13	Hawaii	53	Puerto Rico	89	Benton Harbor, Mich.	126	Columbia, S.C.
14	Idaho	54	Not assigned	90	Billings, Mont.	127	Columbus, Ga.-Ala.
15	Illinois	55	Not assigned	91	Biloxi-Gulfport, Miss.	128	Columbus, Ohio
16	Indiana	56	Not assigned	92	Binghamton, N.Y.-Pa.	129	Corpus Christi, Tex.
17	Iowa	57	Not assigned	93	Birmingham, Ala.	130	Cumberland, Md.-W. Va.
18	Kansas	58	Abilene, Tex.	94	Bismarck, N. Dak.	131	Dallas-Fort Worth, Tex.
19	Kentucky	59	Akron, Ohio	95	Bloomington, Ind.	132	Danbury, Conn.
20	Louisiana	60	Albany, Ga.	96	Bloomington-Normal, Ill.	133	Danville, Va.
21	Maine	61	Albany-Schenectady- Troy, N.Y.	97	Boise City, Idaho	134	Davenport-Rock Island- Moline, Iowa-Ill.
22	Maryland	62	Albuquerque, N. Mex.	98	Boston, Mass.	135	Dayton, Ohio
23	Massachusetts	63	Alexandria, La.	99	Bradenton, Fla.	136	Daytona Beach, Fla.
24	Michigan	64	Allentown-Bethlehem-Easton, Pa.-N.J.	100	Bremerton, Wash.	137	Decatur, Ill.
25	Minnesota	65	Altoona, Pa.	101	Bridgeport, Conn.	138	Denver-Boulder, Colo.
26	Mississippi	66	Amarillo, Tex.	102	Bristol, Conn.	139	Des Moines, Iowa
27	Missouri	67	Anaheim-Santa Ana-Garden Grove, Calif.	103	Brockton, Mass.	140	Detroit, Mich.
28	Montana	68	Anchorage, Alaska	104	Brownsville-Harlingen- San Benito, Tex.	141	Dubuque, Iowa
29	Nebraska	69	Anderson, Ind.	105	Bryan-College Station, Tex.	142	Duluth-Superior, Minn.- Wis.
30	Nevada	70	Anderson, S.C.	106	Buffalo, N.Y.	143	Eau Claire, Wis.
31	New Hampshire	71	Ann Arbor, Mich.	107	Burlington, N.C.	144	El Paso, Tex.
32	New Jersey	72	Anniston, Ala.	108	Burlington, Vt.	145	Elkhart, Ind.
33	New Mexico	73	Appleton-Oshkosh, Wis.	109	Caguas, P.R.	146	Elmira, N.Y.
34	New York	74	Arecibo, P.R.	110	Canton, Ohio	147	Enid, Okla.
35	North Carolina	75	Asheville, N.C.	111	Casper, Wyo.		
36	Not assigned	76	Athens, Ga.	112	Cedar Rapids, Iowa		
37	Ohio			113	Champaign-Urbana- Rantoul, Ill.		
38	Oklahoma						
39	Oregon						
40	Pennsylvania						

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148	Erie, Pa.	187	Indianapolis, Ind.	227	Louisville, Ky.-Ind.	265	Norfolk-Virginia Beach- Portsmouth, Va.-N.C.
149	Eugene-Springfield, Oreg.	188	Iowa City, Iowa	228	Lowell, Mass.-N.H.		
150	Evansville, Ind.-Ky.	189	Jackson, Mich.	229	Lubbock, Tex.		
		190	Jackson, Miss.	230	Lynchburg, Va.	266	Northeast Pennsylvania
151	Fall River, Mass.-R.I.					267	Norwalk, Conn.
152	Fargo-Moorhead, N. Dak.- Minn.	191	Jacksonville, Fla.	231	Macon, Ga.	268	Ocala, Fla.
153	Fayetteville, N.C.	192	Jacksonville, N.C.	232	Madison, Wis.	269	Odessa, Tex.
154	Fayetteville-Springdale, Ark.	193	Janesville-Beloit, Wis.	233	Manchester, N.H.	270	Oklahoma City, Okla.
155	Fitchburg-Leominster, Mass.	194	Jersey City, N.J.	234	Mansfield, Ohio		
		195	Johnson City-Kingsport- Bristol, Tenn.-Va.	235	Mayagüez, P.R.	271	Olympia, Wash.
				236	McAllen-Pharr-Edinburg, Tex.	272	Omaha, Nebr.-Iowa
156	Flint, Mich.	196	Johnstown, Pa.	237	Medford, Oreg.	273	Orlando, Fla.
157	Florence, Ala.	197	Joplin, Mo.	238	Melbourne-Titusville- Cocoa, Fla.	274	Owensboro, Ky.
158	Florence, S.C.	198	Kalamazoo-Portage, Mich.			275	Oxnard-Simi Valley- Ventura, Calif.
159	Fort Collins, Colo.	199	Kankakee, Ill.				
160	Fort Lauderdale-Hollywood, Fla.	200	Kansas City, Mo.-Kans.	239	Memphis, Tenn.-Ark.- Miss.	276	Panama City, Fla.
		201	Kenosha, Wis.	240	Meriden, Conn.	277	Parkersburg-Marietta, W. Va.-Ohio
161	Fort Myers-Cape Coral, Fla.	202	Killeen-Temple, Tex.			278	Pascagoula-Moss Point, Miss.
162	Fort Smith, Ark.-Okla.	203	Knoxville, Tenn.	241	Miami, Fla.	279	Paterson-Clifton-Passaic, N.J.
163	Fort Walton Beach, Fla.	204	Kokomo, Ind.	242	Midland, Tex.	280	Pensacola, Fla.
164	Fort Wayne, Ind.	205	La Crosse, Wis.	243	Milwaukee, Wis.		
165	Fresno, Calif.			244	Minneapolis-St. Paul, Minn.-Wis.	281	Peoria, Ill.
		206	Lafayette, La.	245	Mobile, Ala.	282	Petersburg-Colonial Heights-Hopewell, Va.
166	Gadsden, Ala.	207	Lafayette-West Lafayette, Ind.			283	Philadelphia, Pa.-N.J.
167	Gainesville, Fla.	208	Lake Charles, La.	246	Modesto, Calif.	284	Phoenix, Ariz.
168	Galveston-Texas City, Tex.	209	Lakeland-Winter Haven, Fla.	247	Monroe, La.	285	Pine Bluff, Ark.
169	Gary-Hammond-East Chicago, Ind.	210	Lancaster, Pa.	248	Montgomery, Ala.		
170	Glens Falls, N.Y.			249	Muncie, Ind.	286	Pittsburgh, Pa.
		211	Lansing-East Lansing, Mich.	250	Muskegon-Norton Shores- Muskegon Heights, Mich.	287	Pittsfield, Mass.
171	Grand Forks, N.Dak.- Minn.	212	Laredo, Tex.			288	Ponce, P.R.
172	Grand Rapids, Mich.	213	Las Cruces, N. Mex.	251	Nashua, N.H.	289	Portland, Maine
173	Great Falls, Mont.	214	Las Vegas, Nev.	252	Nashville-Davidson, Tenn.	290	Portland, Oreg.-Wash.
174	Greeley, Colo.	215	Lawrence, Kans.	253	Nassau-Suffolk, N.Y.		
175	Green Bay, Wis.			254	New Bedford, Mass.	291	Portsmouth-Dover- Rochester, N.H.-Maine
		216	Lawrence-Haverhill, Mass.-N.H.	255	New Britain, Conn.	292	Poughkeepsie, N.Y.
176	Greensboro-Winston-Salem- High Point, N.C.	217	Lawton, Okla.-	256	New Brunswick-Perth Amboy-Sayreville, N.J.	293	Providence-Warwick- Pawtucket, R.I.-Mass.
177	Greenville-Spartanburg, S.C.	218	Lewiston-Auburn, Maine			294	Provo-Orem, Utah
178	Hagerstown, Md.	219	Lexington-Fayette, Ky.	257	New Haven-West Haven, Conn.	295	Pueblo, Colo.
179	Hamilton-Middletown, Ohio	220	Lima, Ohio				
180	Harrisburg, Pa.			258	New London-Norwich, Conn.-R.I.	296	Racine, Wis.
		221	Lincoln, Nebr.	259	New Orleans, La.	297	Raleigh-Durham, N.C.
181	Hartford, Conn.	222	Little Rock-North Little Rock, Ark.	260	New York, N.Y.-N.J.	298	Reading, Pa.
182	Hickory, N.C.	223	Long Branch-Asbury Park, N.J.			299	Redding, Calif.
183	Honolulu, Hawaii			261	Newark, N.J.	300	Reno, Nev.
184	Houston, Tex.	224	Longview-Marshall, Tex.	262	Newark, Ohio		
185	Huntington-Ashland, W. Va.-Ky.-Ohio	225	Lorain-Elyria, Ohio	263	Newburgh-Middletown, N.Y.	301	Richland-Kennewick- Pasco, Wash.
				264	Newport News-Hampton, Va.	302	Richmond, Va.
186	Huntsville, Ala.	226	Los Angeles-Long Beach, Calif.			303	Riverside-San Bernardino- Ontario, Calif.

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304	Roanoke, Va.	323	San Juan, P.R.	343	State College, Pa.	362	Vineland-Millville-Bridgeton, N.J.
305	Rochester, Minn.	324	Santa Barbara-Santa Maria-Lompoc, Calif.	344	Steubenville-Weirton, Ohio-W. Va.	363	Visalia-Tulare-Porterville, Calif.
306	Rochester, N.Y.	325	Santa Cruz, Calif.	345	Stockton, Calif.	364	Waco, Tex.
307	Rockford, Ill.	326	Santa Rosa, Calif.	346	Syracuse, N.Y.	365	Washington, D.C.-Md.-Va.
308	Rock Hill, S.C.	327	Sarasota, Fla.	347	Tacoma, Wash.	366	Waterbury, Conn.
309	Sacramento, Calif.	328	Savannah, Ga.	348	Tallahassee, Fla.	367	Waterloo-Cedar Falls, Iowa
310	Saginaw, Mich.	329	Seattle-Everett, Wash.	349	Tampa-St. Petersburg, Fla.	368	Wausau, Wis.
311	St. Cloud, Minn.	330	Sharon, Pa.	350	Terre Haute, Ind.	369	West Palm Beach-Boca Raton, Fla.
312	St. Joseph, Mo.	331	Sheboygan, Wis.	351	Texarkana, Tex.-Texarkana, Ark.	370	Wheeling, W. Va.-Ohio
313	St. Louis, Mo.-Ill.	332	Sherman-Denison, Tex.	352	Toledo, Ohio-Mich.	371	Wichita, Kans.
314	Salem, Oreg.	333	Shreveport, La.	353	Topeka, Kans.	372	Wichita Falls, Tex.
315	Salinas-Seaside-Monterey, Calif.	334	Sioux City, Iowa-Nebr.	354	Trenton, N.J.	373	Williamsport, Pa.
		335	Sioux Falls, S. Dak.	355	Tucson, Ariz.	374	Wilmington, Del.-N.J.-Md.
316	Salisbury-Concord, N.C.	336	South Bend, Ind.	356	Tulsa, Okla.	375	Wilmington, N.C.
317	Salt Lake City-Ogden, Utah	337	Spokane, Wash.	357	Tuscaloosa, Ala.	376	Worcester, Mass.
318	San Angelo, Tex.	338	Springfield, Ill.	358	Tyler, Tex.	377	Yakima, Wash.
319	San Antonio, Tex.	339	Springfield, Mo.	359	Utica-Rome, N.Y.	378	York, Pa.
320	San Diego, Calif.	340	Springfield, Ohio	360	Vallejo-Fairfield-Napa, Calif.	379	Youngstown-Warren, Ohio
321	San Francisco-Oakland, Calif.	341	Springfield-Chicopee-Holyoke, Mass.-Conn.	361	Victoria, Tex.	380	Yuba City, Calif.
322	San Jose, Calif.	342	Stamford, Conn.				

APPENDIXES

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GENERAL

This report is part of the *Census Tracts* series and presents demographic, social, economic, and housing statistics for census tracts 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 *Census Tracts* series consists of an individual report for each standard metropolitan statistical area (SMSA) and for each State in which census tracts have been delineated outside SMSA's. A listing of all the reports in this series appears on pages v-vii. The abbreviated identification for each report is PHC80-2 (i.e., *Population and Housing Census, 1980, Series 2*), followed by a number designating the SMSA or State which the report covers.

In the SMSA reports, the tract data are summarized to the following larger levels of geography: the SMSA, each State portion of multi-State SMSA's, counties or county equivalents (SMSA county portions in New England), incorporated places of 10,000 or more inhabitants, and most census designated places (CDP's) of 10,000 or more inhabitants. In the State reports, summaries are shown for the tracted portion of the State

outside SMSA's, counties or county equivalents (nonSMSA county portions in New England), incorporated places of 10,000 or more inhabitants, and most CDP's of 10,000 or more inhabitants. For an explanation of CDP's not shown in the SMSA or State reports, see appendix A.

For census tracts which are split by the boundary of a place of 10,000 or more, the appropriate portion is shown within the place or balance of county, with the symbol "p" following the tract number. Totals for these "split" tracts appear at the end of the portion of each table for the relevant county.

The 1980 census figures presented here may differ from those shown in the *Advance Reports*, PHC80-V, and in the Public Law 94-171 redistricting data products. The changes reflect corrections of errors found after the PHC80-V reports and P.L. 94-171 materials were prepared. The changes may affect any geographic area shown in this report.

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 1980 census data and 1970 census data for most characteristics. Further information on comparability for specific subjects 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.

CONTENTS OF THE REPORT

This report contains text (this introduction and six appendixes), a table of contents, and 39 detailed tables. Information on changes in the boundaries of census tracts between 1970 and 1980 for the area covered in this report is shown at the end of this introduction. The tract comparability table shows 1970 components of 1980 tracts and 1980 components of 1970 tracts, as relevant, for (1) 1970 tracts that were split into two or more 1980 tracts; (2) 1970 tracts that were combined into new 1980 tracts; (3) 1970 tracts in areas with new tract numbering systems for 1980; and (4) those tracts with boundary changes between 1970 and 1980 that affected 100 or more persons. A census tract will not appear in the comparability tables if no change occurred between 1970 and 1980 or boundary revisions affected fewer than 100 persons and that was the only change that occurred to that tract.

Tables P-1 through P-7 present data on general population characteristics based on tabulations of 100-percent data; tables P-8 through P-21 present data on social and economic characteristics based on sample tabulations. Tables H-1 through H-6 show 100-percent housing data and Tables H-7 through H-18 show sample housing data.

Appendix A describes the various area classifications (e.g., incorporated places, standard metropolitan statistical areas). Appendix B provides definitions and explanations for the subjects covered in this report. Appendix C 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 describes the editing procedures. Appendix E contains

a facsimile of the respondent instruction guide and the 1980 census questionnaire. Appendix F summarizes the data dissemination program of the 1980 census.

Maps which show the boundaries and identification numbers of census tracts in the area covered by this report are available for purchase but are not included with the report. State, county, county subdivision, and place names and boundaries are also shown on these maps.

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 individuals or housing units. (For further information on disclosure, see the section below on "Suppression of Data for Confidentiality.")
- A "p" next to a tract number indicates a tract split by the boundary of a place of 10,000 or more.
- A "(pt.)" next to a place name indicates a place that is split by a county boundary.
- 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 Bureau of the Census takes precautions to make sure that its published data do not disclose information about specific individuals and housing units. To accomplish this, the Census 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 complete count (100-percent) data are as follows: counts of total population by race and Spanish origin are never suppressed; other characteristics for persons are shown only if there are 15 or more persons in the geographic area; counts 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 five or more year-round housing units in the geographic area; charac-

teristics of families, households, or occupied housing units are shown only if there are at least five 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 five and the number of renters is also at least five. These primary suppression criteria are applied independently of one another. The comparable figures for sample data are 30 or more persons or 10 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 scrutiny. This level requires the 15 (30) person or 5 (10) housing unit criterion 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.

1970-1980 CENSUS TRACT COMPARABILITY

Census tract comparability tables are not provided in this report because no tract boundary changes affecting 100 or more persons have been identified using 1980 population data.

CORRECTION NOTE

Any corrections made after this report is printed are available by writing to Data User Services Division, Customer Services (Corrections), Bureau of the Census, Washington, D.C. 20233.

Table P-1. General Characteristics of Persons: 1980

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

Census Tracts	Muskegon County						Oceana County	Muskegon city, Muskegon County				
	The SMSA	Total	Muskegon city	Muskegon Heights city	Norton Shores city	Remainder		Tract 0001*	Tract 0002	Tract 0003	Tract 0004*	Tract 0005
AGE												
Total persons	179 591	157 589	40 823	14 611	22 025	80 130	22 002	4 408	1 181	4 095	6 871	6 305
Under 5 years	14 293	12 487	3 524	1 453	1 442	6 068	1 806	409	108	447	485	646
5 to 9 years	14 288	12 442	2 965	1 366	1 510	6 601	1 846	298	99	378	481	495
10 to 14 years	15 709	13 707	2 915	1 354	1 927	7 511	2 002	290	116	390	455	488
15 to 19 years	18 089	15 842	3 708	1 427	2 285	8 422	2 247	370	133	432	526	688
20 to 24 years	15 476	13 917	4 699	1 399	1 666	6 153	1 559	751	106	383	855	730
25 to 34 years	27 393	24 317	6 608	1 996	3 158	12 555	3 076	936	137	578	1 220	937
35 to 44 years	18 939	16 485	3 103	1 107	2 663	9 612	2 454	338	103	284	500	478
45 to 54 years	17 923	15 783	3 335	1 251	2 688	8 509	2 140	242	108	307	605	456
55 to 64 years	17 901	15 746	4 033	1 482	2 672	7 559	2 155	266	136	398	738	504
65 to 74 years	12 104	10 422	3 309	1 162	1 428	4 523	1 682	282	86	292	574	432
75 years and over	7 476	6 441	2 624	614	586	2 617	1 035	226	49	206	432	451
3 and 4 years	5 479	4 793	1 293	529	570	2 401	686	141	39	154	187	248
16 years and over	131 792	115 915	30 761	10 161	16 687	58 306	15 877	3 362	831	2 805	5 348	4 551
18 years and over	124 029	109 151	29 314	9 579	15 713	54 545	14 878	3 237	771	2 623	5 135	4 282
21 years and over	114 116	100 350	26 871	8 751	14 522	50 206	13 766	2 924	707	2 375	4 805	3 824
60 years and over	28 001	24 249	7 930	2 515	3 215	10 589	3 752	642	194	691	1 361	1 137
62 years and over	24 453	21 150	7 134	2 202	2 709	9 105	3 303	597	167	599	1 229	1 040
Median	29.0	28.9	28.0	26.2	31.8	29.2	30.0	25.6	26.3	25.2	29.1	25.8
Female												
Total persons	92 602	81 369	21 663	7 813	11 185	40 708	11 233	2 409	617	2 150	3 358	3 522
Under 5 years	7 109	6 174	1 770	714	691	2 999	935	209	59	220	234	339
5 to 9 years	6 960	6 077	1 504	685	742	3 146	883	158	49	182	244	240
10 to 14 years	7 670	6 648	1 451	652	893	3 652	1 022	141	59	206	237	234
15 to 19 years	9 007	7 921	1 917	742	1 117	4 145	1 086	204	61	196	263	375
20 to 24 years	7 852	7 064	2 389	763	797	3 115	788	394	50	204	293	445
25 to 34 years	13 852	12 318	3 183	1 105	1 627	6 403	1 534	458	71	310	468	500
35 to 44 years	9 797	8 549	1 677	590	1 393	4 889	1 248	187	62	169	266	276
45 to 54 years	9 378	8 313	1 825	692	1 377	4 419	1 065	123	57	170	334	254
55 to 64 years	9 525	8 378	2 231	821	1 444	3 882	1 147	167	75	200	408	284
65 to 74 years	6 653	5 759	1 935	653	755	2 416	894	197	45	157	324	252
75 years and over	4 799	4 168	1 781	396	349	1 642	631	171	29	136	287	321
3 and 4 years	2 713	2 365	649	265	272	1 179	348	74	20	79	90	126
16 years and over	69 108	60 938	16 626	5 610	8 630	30 072	8 170	1 881	440	1 506	2 598	2 643
18 years and over	65 268	57 582	15 890	5 319	8 158	28 215	7 686	1 821	412	1 437	2 488	2 510
21 years and over	60 251	53 104	14 530	4 879	7 575	26 120	7 147	1 631	379	1 304	2 324	2 228
60 years and over	16 019	13 935	4 844	1 462	1 757	5 872	2 084	452	104	388	816	727
62 years and over	14 050	12 229	4 388	1 290	1 485	5 066	1 821	420	90	349	739	668
Median	30.3	30.2	29.7	27.6	33.1	30.2	30.9	26.5	28.3	26.4	33.1	26.8
HOUSEHOLD TYPE AND RELATIONSHIP												
Total persons	179 591	157 589	40 823	14 611	22 025	80 130	22 002	4 408	1 181	4 095	6 871	6 305
In households	176 476	154 739	38 705	14 573	21 969	79 492	21 737	3 916	1 170	4 046	6 031	6 041
Householder	51 526	54 526	15 241	5 104	7 712	26 469	7 418	1 795	386	1 379	2 191	2 324
Family householder	47 628	41 743	10 085	3 637	6 227	21 794	5 885	923	279	996	1 694	1 510
Nonfamily householder	14 316	12 783	5 156	1 467	1 485	4 675	1 533	872	107	383	497	814
Living alone	12 665	11 275	4 513	1 288	1 348	4 126	1 390	763	95	316	441	702
Spouse	39 146	33 931	7 211	2 211	5 461	19 048	5 215	676	150	549	1 356	986
Other relatives	71 461	62 683	14 866	6 751	8 487	32 579	8 778	1 283	585	1 934	2 349	2 459
Nonrelatives	3 925	3 599	1 387	507	309	1 396	326	162	49	184	135	272
Inmate of institution	2 525	2 366	1 773	26	41	526	159	492	-	49	750	124
Other, in group quarters	590	484	345	12	15	112	106	-	11	-	90	140
Persons per household	2.85	2.84	2.54	2.86	2.85	3.00	2.93	2.18	3.03	2.93	2.75	2.60
Persons per family	3.32	3.31	3.19	3.46	3.24	3.37	3.38	3.12	3.63	3.49	3.19	3.28
Persons 65 years and over	19 580	16 863	5 933	1 776	2 014	7 140	2 717	508	135	498	1 006	883
In households	18 318	15 747	5 341	1 754	2 010	6 642	2 571	429	135	451	826	803
Householder	12 805	11 019	3 867	1 246	1 345	4 561	1 786	355	97	311	560	593
Nonfamily householder	5 849	5 081	2 042	604	511	1 924	768	263	43	138	236	342
Living alone	5 656	4 910	1 970	575	504	1 861	746	261	39	121	230	326
Spouse	4 237	3 612	1 124	334	515	1 639	625	63	27	93	210	161
Other relatives	989	866	263	128	130	345	123	10	7	29	48	32
Nonrelatives	287	250	87	46	20	97	37	1	4	18	8	17
Inmate of institution	1 051	936	492	22	4	418	115	79	-	47	111	79
Other, in group quarters	211	180	100	-	-	80	31	-	-	-	69	1
FAMILY TYPE BY PRESENCE OF OWN CHILDREN												
Families	47 628	41 743	10 085	3 637	6 227	21 794	5 885	923	279	996	1 694	1 510
With own children under 18 years	25 872	22 695	5 309	2 009	3 160	12 217	3 177	562	150	587	823	887
Number of own children under 18 years	51 801	45 112	10 423	4 368	6 071	24 250	6 689	1 029	326	1 289	1 617	1 815
Married-couple families	39 146	33 931	7 211	2 211	5 461	19 048	5 215	676	150	549	1 356	986
With own children under 18 years	20 193	17 443	3 319	990	2 702	10 432	2 750	370	61	263	603	486
Number of own children under 18 years	40 831	34 957	6 515	2 145	5 255	21 042	5 874	712	127	564	1 162	1 009
Female householder, no husband present	7 140	6 600	2 508	1 265	619	2 208	540	221	114	390	292	469
With own children under 18 years	5 092	4 726	1 852	956	389	1 529	366	184	83	302	197	375
Number of own children under 18 years	10 031	9 319	3 685	2 110	705	2 819	712	308	189	685	419	763
MARITAL STATUS												
Male, 15 years and over	64 438	56 483	14 481	4 676	8 287	29 039	7 955	1 510	408	1 338	2 807	1 967
Single	17 955	15 952	4 799	1 575	2 136	7 442	2 003	622	179	521	941	679
Now married, except separated	40 195	34 855	7 587	2 299	5 549	19 420	5 340	692	156	577	1 507	1 016
Separated	894	817	362	165	58	232	77	31	21	70	72	48
Widowed	1 662	1 463	549	181	153	580	199	36	16	61	96	69
Divorced	3 732	3 396	1 184	456	391	1 365	336	129	36	109	191	155
Female, 15 years and over	70 863	62 470	16 938	5 762	8 859	30 911	8 393	1 901	450	1 542	2 643	2 709
Single	15 560	14 058	4 427	1 633	1 822	6 176	1 502	587	154	467	524	834
Now married, except separated	40 121	34 770	7 482	2 303	5 557	19 428	5 351	698	160	578	1 421	1 028
Separated	1 473	1 377	550	329	100	398	96	41	29	93	63	113
Widowed	8 440	7 407	2 741	855	800	3 011	1 033	326	65	227	431	427
Divorced	5 269	4 858	1 738	642	580							

Table P-1. General Characteristics of Persons: 1980—Con.

[For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and 8.]

Census Tracts	Muskegon city, Muskegon County—Con.									Muskegon Heights city, Muskegon County		
	Tract 0006.01	Tract 0006.02	Tract 0007	Tract 0008	Tract 0009	Tract 0010	Tract 0010.99	Tract 0018*	Tract 0021	Tract 0011	Tract 0012	Tract 0013
AGE												
Total persons	1 940	3 035	26	3 667	4 079	1 388	100	—	3 728	658	3 824	3 811
Under 5 years	171	324	—	310	235	77	—	—	312	69	370	379
5 to 9 years	131	239	—	251	238	77	—	—	278	49	424	393
10 to 14 years	138	207	—	249	273	91	—	—	218	52	461	392
15 to 19 years	175	295	—	321	370	133	5	—	260	53	467	452
20 to 24 years	209	398	2	411	350	98	10	—	396	72	324	334
25 to 34 years	332	434	3	595	624	224	15	—	573	85	477	423
35 to 44 years	128	177	2	285	410	139	10	—	249	56	307	254
45 to 54 years	151	218	4	285	433	179	15	—	332	57	379	337
55 to 64 years	190	264	4	379	526	195	14	—	419	78	341	399
65 to 74 years	169	235	9	302	415	119	16	—	378	54	174	326
75 years and over	146	244	2	279	205	56	15	—	313	33	100	122
3 and 4 years	69	112	—	107	96	27	—	—	113	23	135	143
16 years and over	1 472	2 211	26	2 799	3 254	1 121	100	—	2 881	480	2 469	2 567
18 years and over	1 404	2 118	26	2 677	3 102	1 068	100	—	2 771	460	2 285	2 365
21 years and over	1 292	1 895	26	2 452	2 893	992	90	—	2 596	412	2 028	2 130
60 years and over	413	613	15	776	880	274	40	—	894	129	442	636
62 years and over	369	555	13	702	778	233	36	—	816	111	365	553
Median	28.9	25.8	63.0	29.3	33.8	34.6	51.0	—	30.8	28.5	23.0	24.2
Female												
Total persons	1 059	1 617	12	1 945	2 164	689	—	—	2 121	342	2 024	2 052
Under 5 years	85	169	—	150	114	37	—	—	154	36	174	187
5 to 9 years	65	122	—	126	130	38	—	—	150	20	219	196
10 to 14 years	63	96	—	123	136	32	—	—	124	24	214	188
15 to 19 years	102	142	—	172	199	66	—	—	137	27	244	231
20 to 24 years	117	203	1	230	192	45	—	—	215	43	168	187
25 to 34 years	164	208	—	288	312	102	—	—	302	47	278	253
35 to 44 years	66	88	—	144	216	74	—	—	129	23	184	147
45 to 54 years	86	125	2	143	233	99	—	—	199	24	209	197
55 to 64 years	108	139	4	221	284	100	—	—	239	46	180	223
65 to 74 years	100	150	5	170	232	65	—	—	238	29	90	171
75 years and over	103	175	—	178	116	31	—	—	234	23	64	72
3 and 4 years	33	54	—	59	43	16	—	—	55	13	57	75
16 years and over	833	1 199	12	1 523	1 745	571	—	—	1 675	257	1 365	1 434
18 years and over	792	1 152	12	1 455	1 656	539	—	—	1 616	250	1 275	1 336
21 years and over	724	1 040	12	1 323	1 547	503	—	—	1 515	221	1 138	1 212
60 years and over	262	395	9	467	485	150	—	—	589	77	241	345
62 years and over	237	358	7	424	434	124	—	—	538	66	207	301
Median	30.2	27.7	64.5	30.0	34.9	37.6	—	—	33.7	29.3	24.8	26.3
HOUSEHOLD TYPE AND RELATIONSHIP												
Total persons	1 940	3 035	26	3 667	4 079	1 388	100	—	3 728	658	3 824	3 811
In households	1 891	2 856	26	3 643	4 079	1 384	—	—	3 622	658	3 812	3 785
Householder	767	1 222	23	1 447	1 614	553	—	—	1 540	266	1 137	1 185
Family householder	493	616	—	957	1 188	408	—	—	1 021	158	904	928
Nonfamily householder	274	606	23	490	426	145	—	—	519	108	233	257
Living alone	234	532	20	421	384	125	—	—	480	97	204	222
Spouse	337	316	—	729	994	365	—	—	753	84	494	482
Other relatives	701	1 132	—	1 343	1 399	435	—	—	1 246	269	2 068	1 999
Nonrelatives	86	186	3	124	72	31	—	—	83	39	113	119
Inmate of institution	49	179	—	23	—	—	—	—	106	—	—	26
Other, in group quarters	—	—	—	1	—	4	99	—	—	—	12	—
Persons per household	2.47	2.34	1.13	2.52	2.53	2.50	—	—	2.35	2.47	3.35	3.19
Persons per family	3.11	3.35	—	3.17	3.01	2.96	—	—	2.96	3.23	3.83	3.67
Persons 65 years and over												
Total persons	315	479	11	581	620	175	31	—	691	87	274	448
In households	266	479	11	558	620	175	—	—	588	87	274	426
Householder	186	381	10	391	432	116	—	—	435	58	183	290
Nonfamily householder	90	277	10	180	192	41	—	—	230	28	72	113
Living alone	86	266	9	177	188	38	—	—	229	26	66	103
Spouse	55	60	—	135	148	46	—	—	126	11	47	89
Other relatives	20	20	—	30	36	9	—	—	22	12	31	31
Nonrelatives	5	18	1	2	4	4	—	—	5	6	13	16
Inmate of institution	49	—	—	23	—	—	—	—	103	—	—	22
Other, in group quarters	—	—	—	—	—	—	30	—	—	—	—	—
FAMILY TYPE BY PRESENCE OF OWN CHILDREN												
Families	493	616	—	957	1 188	408	—	—	1 021	158	904	928
With own children under 18 years	248	372	—	471	537	174	—	—	498	80	568	527
Number of own children under 18 years	488	798	—	920	927	308	—	—	906	165	1 309	1 217
Married-couple families	337	316	—	729	994	365	—	—	753	84	494	482
With own children under 18 years	145	148	—	339	426	154	—	—	324	33	255	204
Number of own children under 18 years	291	331	—	675	763	272	—	—	609	79	599	460
Female householder, no husband present	137	273	—	190	159	35	—	—	228	59	364	410
With own children under 18 years	98	213	—	122	100	16	—	—	162	40	293	310
Number of own children under 18 years	191	441	—	228	149	32	—	—	280	78	663	732
MARITAL STATUS												
Male, 15 years and over												
Total persons	654	1 035	14	1 311	1 549	561	100	—	1 227	226	1 152	1 166
Single	207	438	9	375	386	141	—	—	301	79	461	448
Now married, except separated	351	351	1	750	1 007	373	33	—	773	90	514	507
Separated	14	64	—	16	9	6	—	—	11	12	51	56
Widowed	27	56	—	44	49	11	50	—	34	5	39	56
Divorced	55	126	4	126	98	30	17	—	108	40	87	99
Female, 15 years and over												
Total persons	846	1 230	12	1 546	1 784	582	—	—	1 693	262	1 417	1 481
Single	239	402	5	372	398	119	—	—	326	79	492	488
Now married, except separated	348	333	—	750	1 012	368	—	—	786	88	519	512
Separated	25	78	—	28	27	7	—	—	46	16	100	120
Widowed	144	259	3	228	220	56	—	—	355	44	139	220
Divorced	90	158	4	168	127	32	—	—	180	35	167	141

Table P-1. General Characteristics of Persons: 1980—Con.

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

Census Tracts	Muskegon Heights city, Muskegon County—Con.		Norton Shores city, Muskegon County					Remainder of Muskegon County					
	Tract 0014.01	Tract 0014.02	Tract 0023	Tract 0024	Tract 0025	Tract 0026.01	Tract 0026.02	Tract 0001*	Tract 0004*	Tract 0015	Tract 0016	Tract 0017	Tract 0018*
AGE													
Total persons	1 781	4 537	6 327	2 895	6 758	3 383	2 662	128	116	4 024	2 118	4 209	3 428
Under 5 years	171	464	390	131	463	275	183	12	13	199	167	308	314
5 to 9 years	160	340	450	165	486	247	162	13	6	243	145	351	320
10 to 14 years	137	312	569	220	656	251	231	14	8	290	188	394	336
15 to 19 years	150	305	739	302	712	274	258	14	16	363	216	436	365
20 to 24 years	183	486	849	212	394	370	296	10	14	219	149	260	234
25 to 34 years	240	771	899	372	973	493	421	20	16	488	361	698	618
35 to 44 years	163	327	848	349	874	316	276	16	14	507	256	598	433
45 to 54 years	129	349	879	388	819	330	272	8	9	444	260	507	332
55 to 64 years	166	498	752	392	803	420	305	12	11	511	218	423	292
65 to 74 years	177	431	292	238	407	308	183	7	4	407	99	143	132
75 years and over	105	254	115	126	171	99	75	2	5	353	59	91	52
3 and 4 years	62	166	155	54	190	101	70	5	5	69	63	132	131
16 years and over	1 274	3 371	4 766	2 325	5 001	2 556	2 039	86	87	3 218	1 574	3 076	2 393
18 years and over	1 217	3 252	4 455	2 198	4 676	2 446	1 938	81	77	3 044	1 474	2 886	2 224
21 years and over	1 131	3 050	4 086	2 043	4 347	2 265	1 781	72	71	2 882	1 375	2 656	2 042
60 years and over	366	942	740	536	922	612	405	16	12	1 000	257	426	306
62 years and over	332	841	594	463	774	528	350	14	10	892	226	352	255
Median	27.8	28.9	32.1	36.2	32.1	29.4	29.1	26.0	25.2	38.8	30.2	30.8	27.5
Female	984	2 411	3 154	1 494	3 411	1 789	1 337	62	57	2 145	1 039	2 138	1 685
Under 5 years	78	239	196	53	228	134	80	4	6	93	76	160	131
5 to 9 years	72	178	213	82	251	120	76	5	3	108	62	190	143
10 to 14 years	70	156	254	106	294	126	113	8	3	143	92	198	176
15 to 19 years	77	163	342	147	360	140	128	6	9	184	100	210	173
20 to 24 years	103	262	178	110	182	190	137	5	6	125	81	130	109
25 to 34 years	138	389	458	194	497	258	220	11	7	244	175	369	327
35 to 44 years	86	150	449	191	447	170	136	8	8	271	127	292	217
45 to 54 years	78	184	438	192	430	176	141	4	4	219	135	255	169
55 to 64 years	90	282	394	210	415	250	175	7	6	276	111	206	146
65 to 74 years	115	248	159	132	207	168	89	3	2	229	49	73	64
75 years and over	77	160	73	77	100	57	42	1	3	253	31	55	30
3 and 4 years	30	90	69	23	95	53	32	3	1	38	29	80	59
16 years and over	742	1 812	2 423	1 226	2 550	1 385	1 046	43	44	1 766	790	1 552	1 204
18 years and over	715	1 743	2 279	1 166	2 385	1 327	1 001	42	38	1 672	749	1 458	1 117
21 years and over	666	1 642	2 107	1 087	2 237	1 226	918	37	35	1 591	695	1 347	1 039
60 years and over	245	554	403	305	490	349	210	8	6	625	132	220	156
62 years and over	223	493	329	259	415	301	181	7	5	558	115	177	129
Median	31.0	29.6	33.5	37.3	32.9	31.1	30.7	28.0	25.4	40.8	30.9	30.6	28.4
HOUSEHOLD TYPE AND RELATIONSHIP													
Total persons	1 781	4 537	6 327	2 895	6 758	3 383	2 662	128	116	4 024	2 118	4 209	3 428
In households	1 781	4 537	6 327	2 895	6 749	3 383	2 615	128	116	3 887	2 118	4 209	3 428
Householder	693	1 823	2 082	1 138	2 200	1 354	938	46	39	1 517	704	1 353	1 056
Family householder	435	1 212	1 769	822	1 938	948	750	35	30	1 141	601	1 199	926
Nonfamily householder	258	611	313	316	262	406	188	11	9	376	103	154	130
Living alone	233	532	290	289	242	368	159	11	6	341	91	132	114
Spouse	279	872	1 595	719	1 763	751	633	24	26	1 018	556	1 118	791
Other relatives	753	1 662	2 592	990	2 714	1 201	990	56	44	1 290	826	1 683	1 525
Nonrelatives	56	180	58	48	72	77	54	2	7	62	32	55	56
Inmate of institution	—	—	—	—	7	—	—	—	—	62	—	—	—
Other, in group quarters	—	—	—	—	2	—	13	—	—	75	—	—	—
Persons per household	2.57	2.49	3.04	2.54	3.07	2.50	2.79	2.78	2.97	2.56	3.01	3.11	3.25
Persons per family	3.37	3.09	3.37	3.08	3.31	3.06	3.16	3.29	3.33	3.02	3.30	3.34	3.50
Persons 65 years and over	282	685	407	364	578	407	258	9	9	760	158	234	184
In households	282	685	407	364	574	407	258	9	9	634	158	234	184
Householder	219	496	263	246	364	297	175	8	6	425	102	158	118
Nonfamily householder	143	248	112	103	116	127	53	4	2	184	34	62	44
Living alone	140	240	110	102	114	126	52	4	2	178	33	60	43
Spouse	37	150	96	91	168	91	69	1	2	172	46	66	43
Other relatives	24	30	44	26	32	15	13	—	—	30	9	9	16
Nonrelatives	2	9	4	1	10	4	1	—	1	7	1	1	7
Inmate of institution	—	—	—	—	4	—	—	—	—	55	—	—	—
Other, in group quarters	—	—	—	—	—	—	—	—	—	71	—	—	—
FAMILY TYPE BY PRESENCE OF OWN CHILDREN													
Families	435	1 212	1 769	822	1 938	948	750	35	30	1 141	601	1 199	926
With own children under 18 years	232	602	967	354	1 017	456	366	22	19	521	315	673	587
Number of own children under 18 years	505	1 172	1 827	666	2 018	872	688	45	38	954	607	1 266	1 153
Married-couple families	279	872	1 595	719	1 763	751	633	24	26	1 018	556	1 118	791
With own children under 18 years	129	369	865	300	911	325	301	13	15	459	289	622	489
Number of own children under 18 years	273	734	1 659	580	1 815	627	574	28	31	863	552	1 174	976
Female householder, no husband present	141	291	142	83	135	163	96	10	4	94	36	60	108
With own children under 18 years	99	214	89	50	80	112	58	8	4	50	25	38	83
Number of own children under 18 years	225	412	149	81	158	213	104	15	7	72	53	71	156
MARITAL STATUS													
Male, 15 years and over	549	1 583	2 427	1 126	2 515	1 201	1 018	44	44	1 491	809	1 566	1 223
Single	174	413	679	289	609	270	289	14	14	329	196	376	349
Now married, except separated	289	899	1 611	733	1 796	768	641	25	26	1 034	565	1 127	804
Separated	7	39	11	12	11	14	10	2	—	10	6	6	7
Widowed	22	59	43	22	38	35	15	1	—	49	11	16	18
Divorced	57	173	83	70	61	114	63	2	4	69	31	41	45
Female, 15 years and over	764	1 838	2 491	1 253	2 638	1 409	1 068	45	45	1 801	809	1 590	1 235
Single	198	376	510	200	510	274	228	7	12	344	150	298	240
Now married, except separated	293	891	1 618	727	1 790	775	647	26	26	1 037	568	1 130	804
Separated	28	65	22	14	11	40	13	4	1	8	4	11	24
Widowed	153	299	213	132	191	170	94	4	4	322	49	78	74
Divorced	92	207	128	80	136	150	86	4	2	90	38	73	93

Table P-1. General Characteristics of Persons: 1980—Con.

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

Census Tracts

Remainder of Muskegon County—Con.

AGE

	Tract 0019.01	Tract 0019.02	Tract 0020	Tract 0022	Tract 0027	Tract 0028	Tract 0029	Tract 0030	Tract 0031	Tract 0032	Tract 0033	Tract 0034	Tract 0035
Total persons	2 362	5 314	3 209	4 015	6 257	4 389	4 827	3 679	2 801	4 509	4 078	3 268	3 055
Under 5 years	173	344	232	161	498	311	340	310	264	401	375	291	255
5 to 9 years	228	416	221	206	514	342	442	327	247	407	376	282	312
10 to 14 years	256	420	271	312	597	463	535	393	264	441	358	310	309
15 to 19 years	275	506	360	377	700	490	577	451	306	449	418	340	327
20 to 24 years	160	421	296	295	513	311	346	302	271	372	441	299	211
25 to 34 years	407	776	490	502	959	630	747	511	472	732	663	519	568
35 to 44 years	326	526	330	405	799	614	590	441	338	489	480	393	384
45 to 54 years	242	517	360	511	755	492	527	352	253	469	364	347	278
55 to 64 years	164	533	379	489	576	406	419	330	235	422	338	281	247
65 to 74 years	89	474	209	420	247	207	224	174	112	237	192	144	109
75 years and over	42	381	61	337	99	123	80	88	39	90	73	62	55

3 and 4 years	82	116	86	74	205	124	137	119	83	154	151	117	98
16 years and over	1 652	4 023	2 411	3 265	4 516	3 183	3 390	2 560	1 967	3 189	2 887	2 311	2 108
18 years and over	1 533	3 809	2 263	3 105	4 196	2 959	3 124	2 348	1 824	2 987	2 713	2 172	1 951
21 years and over	1 401	3 541	2 069	2 892	3 838	2 694	2 851	2 129	1 661	2 733	2 468	1 999	1 813
60 years and over	186	1 075	455	595	518	481	421	251	518	433	332	290	290
62 years and over	157	974	360	884	472	448	408	350	206	436	358	273	238
Median	27.3	31.8	29.0	39.0	28.2	29.7	27.3	26.1	26.0	27.1	25.8	26.8	27.2

	Tract 0019.01	Tract 0019.02	Tract 0020	Tract 0022	Tract 0027	Tract 0028	Tract 0029	Tract 0030	Tract 0031	Tract 0032	Tract 0033	Tract 0034	Tract 0035
Female	1 189	2 873	1 615	2 132	3 149	2 231	2 405	1 809	1 399	2 306	2 025	1 647	1 522
Under 5 years	95	177	104	84	250	155	172	140	130	208	184	143	123
5 to 9 years	118	185	97	91	250	175	204	163	117	186	186	134	163
10 to 14 years	113	202	125	143	289	225	271	187	128	215	180	155	152
15 to 19 years	130	265	185	181	352	243	283	219	154	222	204	168	163
20 to 24 years	76	212	147	151	253	160	156	147	137	186	239	156	110
25 to 34 years	217	397	249	246	492	334	383	249	241	376	312	269	281
35 to 44 years	162	289	176	213	406	317	299	229	168	245	236	203	191
45 to 54 years	130	283	187	285	403	243	279	167	137	262	176	180	135
55 to 64 years	71	293	202	257	285	204	198	171	113	227	184	137	133
65 to 74 years	52	299	108	254	116	103	112	84	55	134	84	66	44
75 years and over	25	271	35	227	53	72	48	53	19	45	40	36	27

3 and 4 years	41	61	46	44	90	53	76	53	42	67	78	55	44
16 years and over	833	2 250	1 247	1 780	2 293	1 625	1 694	1 271	990	1 662	1 440	1 172	1 040
18 years and over	775	2 138	1 178	1 703	2 134	1 502	1 561	1 172	914	1 564	1 345	1 103	962
21 years and over	720	2 003	1 077	1 601	1 954	1 382	1 441	1 067	843	1 442	1 233	1 020	900
60 years and over	105	703	238	610	289	268	249	209	120	289	208	169	142
62 years and over	89	641	192	551	234	229	215	180	95	239	172	138	108
Median	27.9	34.9	30.8	43.2	28.6	30.0	28.1	27.0	26.3	28.3	25.5	27.3	27.2

HOUSEHOLD TYPE AND RELATIONSHIP

Total persons	2 362	5 314	3 209	4 015	6 257	4 389	4 827	3 679	2 801	4 509	4 078	3 268	3 055
In households	2 362	5 087	3 209	3 947	6 245	4 389	4 827	3 665	2 801	4 509	4 078	3 268	3 055
Householder	726	1 878	1 138	1 597	1 938	1 379	1 435	1 104	870	1 500	1 357	1 058	941
Family householder	632	1 382	899	1 115	1 731	1 224	1 260	962	735	1 229	1 097	872	805
Nonfamily householder	94	496	239	482	207	155	175	142	135	271	260	186	136
Living alone	80	455	198	451	181	138	164	124	114	237	217	160	106
Spouse	550	1 149	754	980	1 536	1 086	1 139	856	609	1 040	937	753	718
Other relatives	1 051	1 968	1 242	1 323	2 688	1 868	2 205	1 641	1 252	1 887	1 677	1 399	1 324
Nonrelatives	35	92	75	47	83	56	48	64	70	82	107	58	72
Inmate of institution	-	227	-	68	10	-	-	-	-	-	-	-	-
Other, in group quarters	-	-	-	-	2	-	-	14	-	-	-	-	-
Persons per household	3.25	2.71	2.82	2.47	3.22	3.18	3.36	3.32	3.22	3.01	3.01	3.09	3.25
Persons per family	3.53	3.26	3.22	3.07	3.44	3.41	3.65	3.60	3.53	3.38	3.38	3.47	3.54
Persons 65 years and over	131	855	270	757	346	330	304	262	151	327	265	206	164
In households	131	670	270	696	338	330	304	255	151	327	265	206	164
Householder	79	512	180	494	227	210	208	180	104	224	192	141	113
Nonfamily householder	29	304	72	253	68	61	79	63	40	92	73	60	37
Living alone	29	300	65	249	66	58	77	61	36	91	69	58	37
Spouse	35	129	71	168	89	91	70	57	27	84	52	49	38
Other relatives	16	24	15	30	16	21	20	16	9	16	18	14	13
Nonrelatives	1	5	4	4	6	8	6	2	11	3	3	2	-
Inmate of institution	-	185	-	61	8	-	-	-	-	-	-	-	-
Other, in group quarters	-	-	-	-	-	-	-	7	-	-	-	-	-

FAMILY TYPE BY PRESENCE OF OWN CHILDREN

Families	632	1 382	899	1 115	1 731	1 224	1 260	962	735	1 229	1 097	872	805
With own children under 18 years	395	736	461	472	1 013	669	757	592	454	694	645	523	503
Number of own children under 18 years	790	1 417	888	881	1 966	1 371	1 634	1 258	900	1 450	1 280	1 021	1 038
Married-couple families	550	1 149	754	980	1 536	1 086	1 139	856	609	1 040	937	753	718
With own children under 18 years	340	583	373	413	883	584	683	526	367	567	528	439	436
Number of own children under 18 years	686	1 154	740	766	1 746	1 215	1 497	1 134	742	1 234	1 083	868	908
Female householder, no husband present	70	211	122	108	166	105	92	75	99	158	123	96	66
With own children under 18 years	52	142	74	50	118	70	64	50	73	112	97	74	53
Number of own children under 18 years	100	246	128	100	199	128	125	99	138	198	165	139	109

MARITAL STATUS

Male, 15 years and over	842	1 825	1 196	1 522	2 288	1 597	1 752	1 330	1 002	1 563	1 494	1 170	1 095
Single	221	461	314	387	597	405	499	359	275	391	380	306	284
Now married, except separated	566	1 193	769	1 003	1 559	1 107	1 161	873	627	1 053	954	767	730
Separated	6	18	8	12	17	6	7	11	11	10	16	16	14
Widowed	4	67	31	53	36	26	28	23	22	19	25	21	15
Divorced	45	86	74	67	79	53	57	64	67	90	117	60	52
Female, 15 years and over	863	2 309	1 289	1 814	2 360	1 676	1 758	1 319	1 024	1 697	1 475	1 215	1 084
Single	170	426	272	376	507	368	389	269	216	312	283	252	215
Now married, except separated	564	1 185	768	1 0									

Table P-1. General Characteristics of Persons: 1980—Con.

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

Census Tracts	Remainder of Muskegon County—Con.					Totals for split tracts in Muskegon County			Oceana County				
	Tract 0036	Tract 0037	Tract 0038	Tract 0039	Tract 0040	Tract 0001	Tract 0004	Tract 0018	Tract 0101	Tract 0102	Tract 0103	Tract 0104	Tract 0105
AGE													
Total persons	3 581	5 074	3 372	1 514	803	4 536	6 987	3 428	2 363	3 294	5 872	3 689	6 784
Under 5 years	357	325	242	114	62	421	498	314	173	269	523	222	619
5 to 9 years	365	373	266	131	68	311	487	320	148	266	505	274	653
10 to 14 years	375	425	296	175	81	304	463	336	171	324	529	311	667
15 to 19 years	367	482	358	142	87	384	542	365	218	339	643	353	694
20 to 24 years	244	398	252	85	50	761	869	234	168	227	430	265	469
25 to 34 years	622	802	543	263	148	956	1 236	618	315	482	846	450	983
35 to 44 years	396	574	408	183	112	354	514	433	209	388	646	390	821
45 to 54 years	345	547	342	168	80	250	614	332	253	305	591	409	582
55 to 64 years	269	481	313	131	79	278	749	292	306	331	526	403	589
65 to 74 years	181	377	231	79	25	289	578	132	245	231	387	312	507
75 years and over	60	290	121	43	11	228	437	52	157	132	246	300	200
3 and 4 years	147	135	98	41	29	146	192	131	57	109	197	87	236
16 years and over	2 402	3 852	2 510	1 069	577	3 448	5 435	2 393	1 821	2 362	4 201	2 811	4 682
18 years and over	2 263	3 626	2 347	1 002	537	3 318	5 212	2 224	1 734	2 200	3 914	2 668	4 362
21 years and over	2 072	3 373	2 156	925	493	2 996	4 876	2 042	1 614	2 051	3 580	2 469	4 052
60 years and over	367	905	510	177	74	658	1 373	306	538	520	874	810	1 010
62 years and over	329	814	444	153	52	611	1 239	255	478	447	767	737	874
Median	26.4	31.7	29.9	29.5	26.7	25.6	29.0	27.5	34.5	29.5	28.5	34.3	28.0
Female													
Under 5 years	180	162	123	62	37	213	240	131	91	151	277	103	313
5 to 9 years	167	182	129	61	27	163	247	143	83	125	236	133	306
10 to 14 years	177	205	144	87	34	149	240	176	94	163	283	148	334
15 to 19 years	172	235	174	69	44	210	272	173	110	148	305	176	347
20 to 24 years	131	201	127	44	26	399	299	109	80	106	223	131	248
25 to 34 years	333	415	274	130	72	469	475	327	165	243	411	224	491
35 to 44 years	183	293	211	91	54	195	274	217	97	195	338	194	424
45 to 54 years	173	285	180	88	40	127	338	169	131	148	298	225	263
55 to 64 years	135	252	165	66	37	174	414	146	158	174	293	203	319
65 to 74 years	90	220	119	40	16	200	326	64	137	118	204	185	250
75 years and over	36	183	72	23	4	172	290	30	91	77	156	195	112
3 and 4 years	71	59	46	24	19	77	91	59	34	63	103	32	116
16 years and over	1 214	2 043	1 293	541	285	1 924	2 642	1 204	943	1 175	2 178	1 504	2 370
18 years and over	1 162	1 933	1 217	508	268	1 863	2 526	1 117	906	1 096	2 043	1 429	2 212
21 years and over	1 057	1 808	1 118	467	243	1 668	2 359	1 039	839	1 045	1 878	1 331	2 054
60 years and over	188	525	287	91	35	460	822	156	300	270	501	483	530
62 years and over	164	481	246	78	23	427	744	129	269	236	428	443	445
Median	26.9	32.9	30.7	29.3	29.2	26.5	33.0	28.4	34.5	30.3	29.4	37.2	28.1
HOUSEHOLD TYPE AND RELATIONSHIP													
Total persons	3 581	5 074	3 372	1 514	803	4 536	6 987	3 428	2 363	3 294	5 872	3 689	6 784
In households	3 581	4 929	3 358	1 493	803	4 044	6 147	3 428	2 346	3 294	5 865	3 448	6 784
Householder	1 126	1 817	1 155	480	255	1 841	2 230	1 056	909	1 091	1 939	1 273	2 206
Family householder	946	1 387	939	424	223	958	1 724	926	652	880	1 568	949	1 836
Nonfamily householder	180	430	216	56	32	883	506	130	257	211	371	324	370
Living alone	153	386	188	52	27	774	447	114	230	193	340	292	335
Spouse	781	1 215	828	379	205	700	1 382	791	598	804	1 385	818	1 610
Other relatives	1 599	1 784	1 304	615	328	1 339	2 393	1 525	797	1 353	2 457	1 284	2 887
Nonrelatives	75	113	71	19	15	164	142	56	42	46	84	73	81
Inmate of institution	—	135	11	13	—	492	750	—	17	—	7	135	—
Other, in group quarters	—	10	3	8	—	—	90	—	—	—	—	106	—
Persons per household	3.18	2.71	2.91	3.11	3.15	2.20	2.76	3.25	2.58	3.02	3.02	2.71	3.08
Persons per family	3.52	3.16	3.27	3.34	3.39	3.13	3.19	3.50	3.14	3.45	3.45	3.21	3.45
Persons 65 years and over	241	667	352	122	36	517	1 015	184	402	363	633	612	707
In households	241	560	351	119	36	438	835	184	391	363	632	478	707
Householder	158	375	243	81	23	363	566	118	277	249	442	331	487
Nonfamily householder	58	168	101	26	10	267	238	44	124	104	198	169	173
Living alone	55	159	95	26	10	265	232	43	121	103	192	162	168
Spouse	67	152	91	31	8	64	212	43	99	90	149	113	174
Other relatives	15	20	8	7	3	10	48	16	12	20	29	25	37
Nonrelatives	1	13	9	—	2	1	9	7	3	4	12	9	9
Inmate of institution	—	105	1	3	—	79	111	—	11	—	1	103	—
Other, in group quarters	—	2	—	—	—	—	69	—	—	—	—	31	—
FAMILY TYPE BY PRESENCE OF OWN CHILDREN													
Families	946	1 387	939	424	223	958	1 724	926	652	880	1 568	949	1 836
With own children under 18 years	569	722	496	249	130	584	842	587	291	483	875	469	1 059
Number of own children under 18 years	1 215	1 371	967	488	252	1 074	1 655	1 153	588	1 048	1 843	939	2 271
Married-couple families	781	1 215	828	379	205	700	1 382	791	598	804	1 385	818	1 610
With own children under 18 years	444	610	436	217	116	383	618	489	258	437	759	387	909
Number of own children under 18 years	931	1 186	864	435	229	740	1 193	976	524	957	1 626	803	1 964
Female householder, no husband present	132	141	84	34	14	231	296	108	41	62	152	110	175
With own children under 18 years	108	99	48	26	11	192	201	83	27	42	100	73	124
Number of own children under 18 years	256	166	84	45	20	323	426	156	53	83	191	126	259
MARITAL STATUS													
Male, 15 years and over	1 231	1 867	1 246	543	299	1 554	2 851	1 223	902	1 226	2 087	1 349	2 391
Single	308	464	321	122	70	636	955	349	219	331	541	344	568
Now married, except separated	792	1 250	841	386	208	717	1 533	804	610	818	1 414	861	1 637
Separated	20	15	7	4	1	33	72	7	5	13	21	15	23
Widowed	35	43	25	6	6	37	96	18	24	19	42	62	52
Divorced	76	95	52	25	14	131	195	45	44	45	69	67	111
Female, 15 years and over	1 253	2 084	1 322	551	293	1 946	2 688	1 235	969	1 209	2 228	1 533	2 454
Single	242	415	269	91	53	594	536	240	176	214	415	270	427
Now married, except separated	799	1 246	842	383	210	724	1 447	804	609	824	1 419	856	1 643
Separated	40	23	15	4	1	45	64	24	11	9	27	21	28
Widowed	97	258	125	47	17	330	435	74	138	115	263	284	233
Divorced	75	142	71	26	12	253	206	93	35	47	104	102	123

Table P-2. General Characteristics of White Persons: 1980

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

**Census Tracts
[400 or More White Persons and
400 or More of a Specified Racial
Group]**

AGE

	Muskegon County						Oceano County	Muskegon city, Muskegon County		
	The SMSA	Total	Muskegon city	Muskegon Heights city	Norton Shores city	Remainder		Tract 0001*	Tract 0003	Tract 0004*
Total persons	156 432	135 531	31 042	5 269	21 476	77 744	20 901	3 405	1 636	5 373
Under 5 years	11 656	10 004	2 360	430	1 382	5 832	1 652	307	140	354
5 to 9 years	11 664	9 965	1 873	303	1 436	6 353	1 699	180	92	332
10 to 14 years	12 962	11 123	1 769	289	1 853	7 212	1 839	160	68	323
15 to 19 years	15 318	13 202	2 563	320	2 223	8 096	2 116	289	130	396
20 to 24 years	13 287	11 824	3 652	586	1 635	5 951	1 463	644	184	604
25 to 34 years	24 020	21 089	4 997	795	3 063	12 234	2 931	718	249	842
35 to 44 years	17 025	14 675	2 307	382	2 596	9 390	2 350	220	89	381
45 to 54 years	16 111	14 042	2 635	430	2 651	8 326	2 069	183	129	493
55 to 64 years	16 292	14 179	3 452	695	2 646	7 386	2 113	231	217	683
65 to 74 years	11 047	9 399	2 951	627	1 411	4 410	1 648	255	173	548
75 years and over	7 050	6 029	2 483	412	580	2 554	1 021	218	165	417
3 and 4 years	4 493	3 866	858	150	547	2 311	627	102	42	134
16 years and over	117 212	101 947	24 619	4 198	16 361	56 769	15 265	2 727	1 320	4 289
18 years and over	110 646	96 323	23 669	4 080	15 416	53 158	14 323	2 639	1 265	4 131
21 years and over	102 156	88 871	21 807	3 840	14 247	48 977	13 285	2 366	1 172	3 874
60 years and over	25 802	22 113	7 179	1 413	3 182	10 339	3 689	592	445	1 299
62 years and over	22 582	19 336	6 497	1 264	2 681	8 894	3 246	553	404	1 171
Median	30.2	30.2	30.5	33.3	32.1	29.4	30.8	26.2	32.3	32.0
Female	80 512	69 827	16 628	2 818	10 901	39 480	10 685	1 861	854	2 743
Under 5 years	5 797	4 936	1 172	224	661	2 879	861	150	71	164
5 to 9 years	5 631	4 811	936	152	699	3 024	820	93	46	165
10 to 14 years	6 302	5 360	863	143	855	3 499	942	73	33	167
15 to 19 years	7 623	6 606	1 367	167	1 089	3 983	1 017	163	62	197
20 to 24 years	6 746	6 005	1 904	315	780	3 006	741	332	85	255
25 to 34 years	12 006	10 548	2 352	394	1 576	6 226	1 458	334	109	351
35 to 44 years	8 709	7 513	1 204	170	1 358	4 781	1 196	126	48	200
45 to 54 years	8 378	7 346	1 443	228	1 361	4 314	1 032	94	71	272
55 to 64 years	8 693	7 572	1 941	398	1 432	3 801	1 121	121	121	381
65 to 74 years	6 084	5 211	1 748	363	743	2 357	873	181	99	314
75 years and over	4 543	3 919	1 698	264	347	1 610	624	166	109	277
3 and 4 years	2 223	1 898	430	76	259	1 133	325	52	24	67
16 years and over	61 315	53 466	13 455	2 272	8 463	29 276	7 849	1 529	696	2 214
18 years and over	58 052	50 656	12 949	2 213	8 006	27 488	7 396	1 486	675	2 133
21 years and over	53 779	46 882	11 891	2 084	7 432	25 475	6 897	1 325	623	2 003
60 years and over	14 835	12 788	4 454	847	1 738	5 749	2 047	425	266	788
62 years and over	13 031	11 244	4 059	755	1 468	4 962	1 787	398	250	711
Median	31.6	31.6	33.3	36.0	33.5	30.4	31.6	27.5	39.8	38.9

HOUSEHOLD TYPE AND RELATIONSHIP

Total persons	156 432	135 531	31 042	5 269	21 476	77 744	20 901	3 405	1 636	5 373
In households	153 953	133 299	29 463	5 253	21 423	77 160	20 654	2 953	1 588	4 903
Householder	55 362	48 187	12 456	2 314	7 567	25 850	7 175	1 447	641	1 887
Family householder	42 462	36 790	7 956	1 423	6 110	21 301	5 672	687	425	1 422
Nonfamily householder	12 900	11 397	4 500	891	1 457	4 549	1 503	760	216	465
Living alone	11 442	10 076	3 955	782	1 320	4 019	1 366	659	179	412
Spouse	36 357	31 322	6 190	1 074	5 370	18 688	5 035	527	320	1 172
Other relatives	59 021	50 891	9 760	1 628	8 190	31 313	8 130	832	531	1 731
Nonrelatives	3 213	2 899	1 057	237	296	1 309	314	147	96	113
Inmate of institution	1 948	1 793	1 275	6	40	472	155	452	48	395
Other, in group quarters	531	439	304	10	13	112	92	-	-	75
Persons per household	2.79	2.77	2.37	2.27	2.84	2.99	2.88	2.03	2.48	2.60
Persons per family	3.25	3.24	3.01	2.90	3.22	3.35	3.32	2.97	3.01	3.04
Persons 65 years and over	18 097	15 428	5 434	1 039	1 991	6 964	2 669	473	338	965
In households	16 917	14 386	4 863	1 036	1 987	6 500	2 531	400	292	795
Householder	11 844	10 085	3 539	762	1 328	4 456	1 759	333	202	540
Nonfamily householder	5 431	4 677	1 895	405	501	1 876	754	251	88	232
Living alone	5 286	4 552	1 846	395	494	1 817	734	249	84	226
Spouse	4 002	3 384	1 046	210	511	1 617	618	59	69	206
Other relatives	850	732	218	52	128	334	118	7	10	42
Nonrelatives	221	185	60	12	20	93	36	1	11	7
Inmate of institution	977	865	474	3	4	384	112	73	46	101
Other, in group quarters	203	177	97	-	-	80	26	-	-	69

FAMILY TYPE BY PRESENCE OF OWN CHILDREN

Families	42 462	36 790	7 956	1 423	6 110	21 301	5 672	687	425	1 422
With own children under 18 years	22 340	19 324	3 759	597	3 077	11 891	3 016	388	180	617
Number of own children under 18 years	43 328	37 144	6 820	1 088	5 845	23 391	6 184	658	328	1 175
Morried-couple families	36 343	31 311	6 175	1 064	5 371	18 701	5 032	522	314	1 171
With own children under 18 years	18 481	15 874	2 649	379	2 639	10 207	2 607	263	118	470
Number of own children under 18 years	36 673	31 235	4 968	721	5 091	20 455	5 438	475	217	892
Female householder, no husband present	5 011	4 497	1 503	300	597	2 097	514	148	84	212
With own children under 18 years	3 374	3 023	1 010	195	372	1 446	351	121	52	130
Number of own children under 18 years	5 921	5 265	1 700	334	650	2 581	656	178	98	256

MARITAL STATUS

Male, 15 years and over	57 368	49 719	11 383	1 948	8 119	28 269	7 649	1 213	632	2 117
Single	15 003	13 089	3 346	497	2 084	7 162	1 914	523	196	579
Now married, except separated	37 175	32 031	6 443	1 089	5 457	19 042	5 144	537	331	1 260
Separated	581	511	204	43	53	211	70	22	23	45
Widowed	1 425	1 232	453	88	149	542	193	32	29	85
Divorced	3 184	2 856	937	231	376	1 312	328	99	53	148
Female, 15 years and over	62 782	54 720	13 657	2 299	8 686	30 078	8 062	1 545	704	2 247
Single	12 734	11 320	3 213	425	1 776	5 906	1 414	479	148	410
Now married, except separated	37 170	32 014	6 393	1 112	5 463	19 046	5 156	542	333	1 223
Separated	886	796	280	62	92	362	90	27	18	36
Widowed	7 595	6 591	2 442	439	790	2 920	1 004	300	142	408
Divorced	4 397	3 999	1 329	261	565	1 844	398	197	63	170

Table P-2. General Characteristics of White Persons: 1980—Con.

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

**Census Tracts
[400 or More White Persons and
400 or More of a Specified Racial
Group]**

	Muskegon city, Muskegon County—Con.		Muskegon Heights city, Muskegon County			Totals for split tracts in Muskegon County	
	Tract 0005	Tract 0006.02	Tract 0012	Tract 0014.01	Tract 0014.02	Tract 0001	Tract 0004
AGE							
Total persons	4 722	1 569	460	1 017	3 490	3 528	5 482
Under 5 years	424	127	38	70	302	318	367
5 to 9 years	309	73	20	59	206	193	338
10 to 14 years	284	58	29	44	196	174	330
15 to 19 years	444	129	25	70	209	303	410
20 to 24 years	590	217	43	115	388	653	618
25 to 34 years	716	213	52	133	570	738	857
35 to 44 years	357	89	29	78	252	235	394
45 to 54 years	347	122	33	84	290	191	500
55 to 64 years	440	149	70	136	446	243	694
65 to 74 years	385	170	64	133	398	261	552
75 years and over	426	222	57	95	233	219	422
3 and 4 years	156	47	11	23	108	107	139
16 years and over	3 632	1 294	370	832	2 754	2 809	4 370
18 years and over	3 476	1 269	362	806	2 676	2 716	4 203
21 years and over	3 124	1 141	343	755	2 524	2 434	3 941
60 years and over	1 039	475	164	298	869	606	1 311
62 years and over	951	439	147	269	777	565	1 181
Median	27.8	32.4	42.5	37.1	31.9	26.2	31.9
Female							
Total persons	2 656	858	252	554	1 862	1 922	2 797
Under 5 years	231	58	21	36	158	154	170
5 to 9 years	131	41	7	26	113	98	168
10 to 14 years	140	29	14	25	95	81	170
15 to 19 years	258	63	18	27	113	169	205
20 to 24 years	360	109	19	63	209	337	261
25 to 34 years	363	93	27	66	276	345	357
35 to 44 years	194	38	13	37	111	134	208
45 to 54 years	199	67	17	51	155	98	275
55 to 64 years	247	82	43	72	259	156	387
65 to 74 years	224	115	35	81	230	183	316
75 years and over	309	163	38	70	143	167	280
3 and 4 years	82	18	4	11	56	55	68
16 years and over	2 116	721	208	461	1 479	1 571	2 255
18 years and over	2 034	706	203	455	1 434	1 527	2 169
21 years and over	1 805	637	191	427	1 354	1 361	2 036
60 years and over	670	323	99	195	511	432	794
62 years and over	619	299	87	177	455	404	716
Median	28.8	44.5	49.0	44.0	33.0	27.5	38.4
HOUSEHOLD TYPE AND RELATIONSHIP							
Total persons	4 722	1 569	460	1 017	3 490	3 528	5 482
In households	4 474	1 482	450	1 017	3 490	3 076	5 012
Householder	1 868	798	195	460	1 524	1 491	1 924
Family householder	1 166	305	116	264	971	721	1 451
Nonfamily householder	702	493	79	196	553	770	473
Living alone	608	443	70	173	481	669	417
Spouse	848	194	85	195	746	551	1 197
Other relatives	1 549	378	144	321	1 077	885	1 772
Nonrelatives	209	112	26	41	143	149	119
Inmate of institution	116	87	—	—	—	452	395
Other, in group quarters	132	—	10	—	—	—	75
Persons per household	2.41	1.87	2.27	2.23	2.29	2.05	2.61
Persons per family	3.08	2.89	2.91	2.99	2.88	2.98	3.05
Persons 65 years and over	811	392	121	228	631	480	974
In households	731	392	121	228	631	407	804
Householder	538	330	85	176	461	339	546
Nonfamily householder	312	257	43	111	234	254	234
Living alone	296	253	42	108	228	252	228
Spouse	153	43	24	34	142	60	208
Other relatives	27	13	9	17	21	7	42
Nonrelatives	13	6	3	1	7	1	8
Inmate of institution	79	—	—	—	—	73	101
Other, in group quarters	1	—	—	—	—	—	69
FAMILY TYPE BY PRESENCE OF OWN CHILDREN							
Families	1 166	305	116	264	971	721	1 451
With own children under 18 years	613	152	39	105	425	410	635
Number of own children under 18 years	1 138	268	83	187	764	703	1 211
Married-couple families	846	190	82	196	740	546	1 196
With own children under 18 years	388	73	23	69	273	276	484
Number of own children under 18 years	758	145	61	119	509	503	921
Female householder, no husband present	278	101	30	58	194	157	216
With own children under 18 years	204	73	15	34	134	129	134
Number of own children under 18 years	345	110	20	63	231	193	263
MARITAL STATUS							
Male, 15 years and over	1 551	581	163	377	1 290	1 254	2 158
Single	474	213	47	108	306	537	592
Now married, except separated	869	210	86	201	755	561	1 285
Separated	31	33	4	5	29	24	45
Widowed	57	37	9	18	54	32	85
Divorced	120	88	17	45	146	100	151
Female, 15 years and over	2 154	730	210	467	1 496	1 589	2 289
Single	608	198	48	81	264	486	420
Now married, except separated	882	200	92	208	762	568	1 248
Separated	56	26	10	8	42	31	37
Widowed	368	209	39	113	261	303	412
Divorced	240	97	21	57	167	201	172

Table P-3. General Characteristics of Black Persons: 1980

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

**Census Tracts
[400 or More Black Persons]**

AGE

	The SMSA	Muskegon County					Oceana County	Muskegon city, Muskegon County		
		Total	Muskegon city	Muskegon Heights city	Norton Shores city	Remainder		Tract 0001*	Tract 0002	Tract 0003
Total persons	19 217	19 175	8 746	9 086	210	1 133	42	919	974	2 325
Under 5 years	2 122	2 121	999	989	22	111	1	93	102	280
5 to 9 years	2 133	2 133	990	1 030	28	85	-	113	96	274
10 to 14 years	2 254	2 252	1 062	1 034	29	127	2	122	108	309
15 to 19 years	2 285	2 279	1 019	1 086	16	158	6	72	121	284
20 to 24 years	1 798	1 796	908	788	11	89	2	96	88	185
25 to 34 years	2 722	2 719	1 411	1 160	31	117	3	202	113	311
35 to 44 years	1 558	1 556	722	703	33	98	2	114	83	185
45 to 54 years	1 553	1 545	634	804	15	92	8	51	93	167
55 to 64 years	1 450	1 448	548	770	11	119	2	30	94	178
65 to 74 years	963	952	330	524	10	88	11	19	57	114
75 years and over	379	374	123	198	4	49	5	7	19	38

3 and 4 years	784	784	372	364	9	39	-	36	36	101
16 years and over	12 227	12 188	5 474	5 809	127	778	39	573	646	1 405
18 years and over	11 249	11 212	5 031	5 357	117	707	37	540	591	1 285
21 years and over	10 086	10 053	4 529	4 778	114	632	33	507	533	1 141
60 years and over	1 991	1 973	692	1 081	19	181	18	41	113	237
62 years and over	1 695	1 678	583	919	15	161	17	35	96	187
Median	22.3	22.3	21.8	22.5	24.8	24.8	52.8	23.2	23.3	20.4

Female	10 096	10 071	4 522	4 861	109	579	25	500	516	1 233
Under 5 years	1 051	1 051	516	475	8	52	-	53	54	138
5 to 9 years	1 091	1 091	513	517	16	45	-	62	48	133
10 to 14 years	1 118	1 117	539	492	16	70	1	63	56	165
15 to 19 years	1 138	1 134	492	563	7	72	4	36	58	128
20 to 24 years	913	913	422	435	8	48	-	57	43	110
25 to 34 years	1 507	1 506	737	688	19	62	1	113	62	191
35 to 44 years	909	909	437	409	15	48	-	60	52	118
45 to 54 years	874	867	352	455	5	55	7	26	51	94
55 to 64 years	755	753	273	417	6	57	2	15	51	77
65 to 74 years	509	502	169	282	7	44	7	11	30	55
75 years and over	231	228	72	128	2	26	3	4	11	24

3 and 4 years	394	394	188	180	4	22	-	21	18	49
16 years and over	6 593	6 569	2 852	3 254	67	396	24	318	350	769
18 years and over	6 128	6 106	2 647	3 030	63	366	22	302	323	723
21 years and over	5 513	5 493	2 379	2 723	61	330	20	277	291	647
60 years and over	1 071	1 059	356	601	12	90	12	21	60	115
62 years and over	922	911	299	522	10	80	11	16	51	93
Median	23.5	23.5	22.2	24.3	24.9	25.4	54.5	22.9	24.9	22.2

HOUSEHOLD TYPE AND RELATIONSHIP

Total persons	19 217	19 175	8 746	9 086	210	1 133	42	919	974	2 325
In households	18 659	18 631	8 275	9 065	209	1 082	28	885	970	2 324
Householder	5 631	5 620	2 506	2 718	64	332	11	318	293	703
Family householder	4 375	4 367	1 917	2 159	44	247	8	216	220	542
Nonfamily householder	1 256	1 253	589	559	20	85	3	102	73	161
Living alone	1 096	1 093	507	491	20	75	3	96	64	133
Spouse	2 180	2 173	885	1 104	35	149	7	133	112	216
Other relatives	10 278	10 270	4 610	4 986	102	572	8	419	532	1 321
Nonrelatives	570	568	274	257	8	29	2	15	33	84
Inmate of institution	517	517	446	19	1	51	-	34	-	1
Other, in group quarters	41	27	25	2	-	-	14	-	4	-
Persons per household	3.31	3.32	3.29	3.34	3.11	3.30	2.36	2.80	3.31	3.30
Persons per family	3.85	3.85	3.86	3.82	4.02	3.95	2.75	3.58	3.90	3.83

Persons 65 years and over	1 342	1 326	453	722	14	137	16	26	76	152
In households	1 271	1 260	437	704	14	105	11	21	76	151
Householder	866	859	298	474	12	75	7	15	55	104
Nonfamily householder	368	365	131	192	8	34	3	8	25	47
Living alone	323	320	109	173	8	30	3	8	22	35
Spouse	216	214	71	123	1	19	2	3	18	23
Other relatives	127	126	43	74	1	8	1	3	1	17
Nonrelatives	62	61	25	33	-	3	1	-	2	7
Inmate of institution	63	63	13	18	-	32	-	5	-	1
Other, in group quarters	8	3	3	-	-	-	5	-	-	-

FAMILY TYPE BY PRESENCE OF OWN CHILDREN

Families	4 375	4 367	1 917	2 159	44	247	8	216	220	542
With own children under 18 years	2 941	2 940	1 394	1 373	30	143	1	163	137	386
Number of own children under 18 years	6 859	6 855	3 244	3 180	83	348	4	350	309	909
Married-couple families	2 211	2 205	899	1 114	35	157	6	100	110	219
With own children under 18 years	1 274	1 273	575	590	24	84	1	140	53	135
Number of own children under 18 years	2 955	2 951	1 322	1 368	61	200	4	224	116	320
Female householder, no husband present	1 971	1 969	943	945	9	72	2	69	100	294
With own children under 18 years	1 587	1 587	785	743	6	53	-	59	80	239
Number of own children under 18 years	3 747	3 747	1 854	1 732	22	139	-	122	186	562

MARITAL STATUS

Male, 15 years and over	5 872	5 857	2 741	2 656	62	398	15	269	310	665
Single	2 518	2 516	1 300	1 052	11	153	2	89	144	306
Now married, except separated	2 380	2 371	991	1 171	37	172	9	141	115	229
Separated	285	284	143	122	4	15	1	8	20	45
Widowed	218	217	91	92	2	32	1	3	9	32
Divorced	471	469	216	219	8	26	2	28	22	53
Female, 15 years and over	6 836	6 812	2 954	3 377	69	412	24	322	358	797
Single	2 453	2 450	1 111	1 184	17	138	3	100	138	302
Now married, except separated	2 304	2 296	946	1 157	37	156	8	139	120	231
Separated	544	544	255	263	3	23	-	13	27	72
Widowed	757	744	274	399	7	64	13	21	40	81
Divorced	778	778	368	374	5	31	-	49	33	111

Table P-3. General Characteristics of Black Persons: 1980—Con.

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

Census Tracts [400 or More Black Persons]	Muskegon city, Muskegon County—Con.			Muskegon Heights city, Muskegon County					Totals for split tracts in Muskegon County	
	Tract 0004 ^a	Tract 0005	Tract 0006.02	Tract 0011	Tract 0012	Tract 0013	Tract 0014.01	Tract 0014.02	Tract 0001	Tract 0004
AGE										
Total persons	1 325	1 338	1 335	428	3 337	3 702	709	910	919	1 326
Under 5 years.....	110	180	174	54	330	369	92	144	93	110
5 to 9 years.....	139	162	147	37	400	381	93	119	113	139
10 to 14 years.....	121	178	143	36	427	383	89	99	122	121
15 to 19 years.....	112	202	148	42	439	446	74	85	72	112
20 to 24 years.....	220	115	160	45	281	318	61	83	96	220
25 to 34 years.....	336	179	194	54	423	406	102	175	202	336
35 to 44 years.....	105	106	81	37	276	247	77	66	114	106
45 to 54 years.....	100	90	95	38	341	333	42	50	51	100
55 to 64 years.....	51	61	108	43	269	386	29	43	30	51
65 to 74 years.....	20	43	65	29	109	318	40	28	19	20
75 years and over.....	11	22	20	13	42	115	10	18	7	11
3 and 4 years.....	44	73	60	16	123	139	37	49	36	44
16 years and over.....	931	770	837	295	2 083	2 489	409	533	573	932
18 years and over.....	884	680	774	280	1 909	2 289	382	497	540	885
21 years and over.....	822	594	693	245	1 672	2 060	349	452	507	823
60 years and over.....	51	88	132	62	275	617	64	63	41	51
62 years and over.....	47	80	112	54	215	537	59	54	35	47
Median.....	24.3	18.3	21.7	25.0	21.1	24.1	20.5	20.7	23.2	24.3
Female	546	743	697	229	1 758	1 994	395	485	500	546
Under 5 years.....	60	88	98	30	153	181	39	72	53	60
5 to 9 years.....	73	96	71	15	208	193	40	61	62	73
10 to 14 years.....	67	78	64	17	198	184	42	51	63	67
15 to 19 years.....	57	98	71	21	224	227	45	46	36	57
20 to 24 years.....	33	69	83	28	149	177	36	45	57	33
25 to 34 years.....	100	119	105	27	249	241	69	102	113	100
35 to 44 years.....	61	73	47	16	171	144	44	34	60	61
45 to 54 years.....	55	48	57	20	189	196	25	25	26	55
55 to 64 years.....	25	38	55	28	137	214	17	21	15	25
65 to 74 years.....	7	25	35	15	55	167	31	14	11	7
75 years and over.....	8	11	11	12	25	70	7	14	4	8
3 and 4 years.....	19	37	33	8	53	73	17	29	21	19
16 years and over.....	336	455	444	164	1 149	1 389	259	293	318	336
18 years and over.....	311	416	413	159	1 065	1 293	241	272	302	311
21 years and over.....	282	370	376	136	941	1 173	222	251	277	282
60 years and over.....	23	52	70	39	141	338	47	36	21	23
62 years and over.....	23	45	58	34	119	295	43	31	16	23
Median.....	23.0	20.9	22.5	27.3	23.2	26.2	23.8	22.1	22.9	23.0
HOUSEHOLD TYPE AND RELATIONSHIP										
Total persons	1 325	1 338	1 335	428	3 337	3 702	709	910	919	1 326
In households.....	1 008	1 323	1 250	428	3 335	3 683	709	910	885	1 009
Householder.....	269	395	386	150	933	1 154	218	263	318	269
Family householder.....	240	296	284	102	780	904	161	212	216	240
Nonfamily householder.....	29	99	102	48	153	250	57	51	102	29
Living alone.....	26	85	81	41	133	217	55	45	96	26
Spouse.....	161	111	110	50	407	464	75	108	133	161
Other relatives.....	561	773	691	205	1 910	1 958	402	511	419	561
Nonrelatives.....	17	44	63	23	85	107	14	28	15	18
Inmate of institution.....	317	7	85	—	—	19	—	—	34	317
Other, in group quarters.....	—	8	—	—	2	—	—	—	—	—
Persons per household.....	3.72	3.33	3.24	2.88	3.58	3.20	3.23	3.48	2.80	3.72
Persons per family.....	3.99	3.96	3.83	3.48	3.97	3.69	3.93	3.96	3.58	3.99
Persons 65 years and over	31	65	85	42	151	433	50	46	26	31
In households.....	25	65	85	42	151	415	50	46	21	25
Householder.....	16	52	49	24	96	284	40	30	15	16
Nonfamily householder.....	3	30	18	13	28	111	29	11	8	3
Living alone.....	3	30	11	11	23	101	29	9	8	3
Spouse.....	2	6	17	4	23	86	3	7	3	2
Other relatives.....	6	4	7	8	22	30	7	7	3	6
Nonrelatives.....	1	3	12	6	10	15	—	2	—	1
Inmate of institution.....	6	—	—	—	—	18	—	—	5	6
Other, in group quarters.....	—	—	—	—	—	—	—	—	—	—
FAMILY TYPE BY PRESENCE OF OWN CHILDREN										
Families	240	296	284	102	780	904	161	212	216	240
With own children under 18 years.....	181	233	200	59	523	515	117	159	163	181
Number of own children under 18 years.....	399	578	479	124	1 216	1 191	293	356	350	399
Married-couple families	160	112	113	49	407	467	77	114	140	160
With own children under 18 years.....	115	76	65	23	229	199	54	85	100	115
Number of own children under 18 years.....	238	192	159	57	535	444	135	197	224	238
Female householder, no husband present	74	173	162	45	331	402	79	88	69	74
With own children under 18 years.....	61	153	131	31	275	303	61	73	59	61
Number of own children under 18 years.....	153	378	307	61	636	722	156	157	122	153
MARITAL STATUS										
Male, 15 years and over	609	337	407	134	981	1 133	161	247	269	610
Single.....	326	168	202	52	412	438	63	87	89	326
Now married, except separated.....	211	116	127	53	422	492	80	124	141	211
Separated.....	26	12	27	7	47	56	2	10	8	26
Widowed.....	9	11	18	4	30	50	4	4	3	9
Divorced.....	37	30	33	18	70	97	12	22	28	37
Female, 15 years and over	346	481	464	167	1 199	1 436	274	301	322	346
Single.....	100	197	191	55	439	476	109	105	100	100
Now married, except separated.....	171	120	120	52	426	493	76	110	139	171
Separated.....	26	51	49	14	90	119	20	20	13	26
Widowed.....	19	55	48	24	98	212	34	31	21	19
Divorced.....	30	58	56	22	146	136	35	35	49	30

Table P-4. General Characteristics of American Indian, Eskimo, and Aleut Persons: 1980

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

**Census Tracts
[400 or More American Indian,
Eskimo, and Aleut Persons]**

AGE

	The SMSA	Muskegon County				Oceana County	
		Total	Muskegon city	Muskegon Heights city	Norton Shores city		Remainder
Total persons	1 341	1 120	325	88	122	585	221
Under 5 years	141	122	50	10	17	45	19
5 to 9 years	176	149	34	17	17	82	27
10 to 14 years	182	137	19	10	17	91	45
15 to 19 years	165	151	41	8	18	84	14
20 to 24 years	129	115	55	9	8	43	14
25 to 34 years	206	171	56	12	22	81	35
35 to 44 years	121	97	17	4	10	66	24
45 to 54 years	88	79	29	4	4	40	9
55 to 64 years	67	49	10	6	7	26	18
65 to 74 years	46	36	9	6	2	19	10
75 years and over	20	14	5	-	1	8	6
3 and 4 years	48	44	17	5	7	15	4
16 years and over	811	686	218	49	68	351	125
18 years and over	736	618	200	45	60	313	118
21 years and over	652	538	172	41	52	273	114
60 years and over	101	78	20	10	6	42	23
62 years and over	84	63	18	8	5	32	21
Median	20.3	20.0	21.8	19.5	17.8	19.4	21.9
Female	687	576	164	50	63	299	111
Under 5 years	69	61	24	5	8	24	8
5 to 9 years	82	71	18	9	9	35	11
10 to 14 years	100	76	13	6	8	49	24
15 to 19 years	87	81	21	4	9	47	6
20 to 24 years	63	57	30	5	4	18	6
25 to 34 years	111	89	26	8	12	43	22
35 to 44 years	59	48	5	3	6	34	11
45 to 54 years	46	44	14	4	4	22	2
55 to 64 years	30	19	3	1	2	13	11
65 to 74 years	31	25	8	1	1	11	6
75 years and over	9	5	2	-	-	3	4
3 and 4 years	21	20	6	3	4	7	1
16 years and over	423	356	107	30	37	182	67
18 years and over	377	314	97	26	32	159	63
21 years and over	338	276	83	25	28	140	62
60 years and over	55	40	11	6	2	21	15
62 years and over	47	33	10	5	2	16	14
Median	20.5	19.9	21.2	21.5	18.2	19.4	25.5
HOUSEHOLD TYPE AND RELATIONSHIP							
Total persons	1 341	1 120	325	88	122	585	221
In households	1 311	1 093	301	87	122	583	218
Householder	338	279	88	23	28	140	59
Family householder	279	231	67	19	22	123	48
Nonfamily householder	59	48	21	4	6	17	11
Living alone	47	38	15	3	6	14	9
Spouse	188	150	41	5	16	88	38
Other relatives	726	609	152	53	75	329	117
Nonrelatives	59	55	20	6	3	26	4
Inmate of institution	30	27	24	1	-	2	3
Other, in group quarters	-	-	-	-	-	-	-
Persons per household	3.47	3.50	3.14	3.17	3.43	3.80	3.31
Persons per family	3.85	3.87	3.55	3.53	4.05	4.07	3.77
Persons 65 years and over	66	50	14	6	3	27	16
In households	59	45	11	5	3	26	14
Householder	44	36	8	3	2	23	8
Nonfamily householder	20	16	5	1	1	9	4
Living alone	18	15	4	1	1	9	3
Spouse	8	5	2	1	1	2	3
Other relatives	5	2	-	1	-	1	3
Nonrelatives	2	2	1	1	-	-	3
Inmate of institution	7	5	3	1	-	1	2
Other, in group quarters	-	-	-	-	-	-	-
FAMILY TYPE BY PRESENCE OF OWN CHILDREN							
Families	279	231	67	19	22	123	48
With own children under 18 years	195	165	51	11	15	88	30
Number of own children under 18 years	529	441	111	37	50	243	88
Married-couple families	188	152	41	6	14	91	36
With own children under 18 years	127	102	27	1	8	66	25
Number of own children under 18 years	332	272	57	13	29	173	60
Female householder, no husband present	77	66	24	12	7	23	11
With own children under 18 years	60	55	23	10	6	16	5
Number of own children under 18 years	176	151	52	24	20	55	25
MARITAL STATUS							
Male, 15 years and over	406	344	113	21	34	176	62
Single	148	130	48	11	13	58	18
Now married, except separated	200	164	45	7	15	97	36
Separated	7	6	4	-	-	2	1
Widowed	13	10	3	-	2	5	3
Divorced	38	34	13	3	4	14	4
Female, 15 years and over	436	368	109	30	38	191	68
Single	146	135	40	12	15	68	11
Now married, except separated	190	151	44	4	15	88	39
Separated	19	19	4	3	3	9	-
Widowed	38	27	7	7	-	13	11
Divorced	43	36	14	4	5	13	7

Table P-5. General Characteristics of Asian and Pacific Islander Persons: 1980

[Excludes "Other Asian and Pacific Islander" groups identified in sample tabulations. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

**Census Tracts
[400 or More Asian and Pacific
Islander Persons]**

	The SMSA	Muskegon County					Oceano County
		Total	Muskegon city	Muskegon Heights city	Norton Shores city	Remainder	
AGE							
Total persons	428	395	138	22	60	175	33
Under 5 years	47	44	16	2	3	23	3
5 to 9 years	50	42	13	2	9	18	8
10 to 14 years	39	34	10	2	6	16	5
15 to 19 years	52	48	15	—	7	26	4
20 to 24 years	37	37	16	3	1	17	—
25 to 34 years	85	80	34	5	11	30	5
35 to 44 years	48	45	14	2	13	16	3
45 to 54 years	40	37	10	1	4	22	3
55 to 64 years	17	15	5	3	3	4	2
65 to 74 years	7	7	3	—	2	2	—
75 years and over	6	6	2	2	1	1	—
3 and 4 years	30	29	11	1	2	15	1
16 years and over	283	266	96	16	39	115	17
18 years and over	262	247	90	16	38	103	15
21 years and over	231	218	80	15	35	88	13
60 years and over	19	19	8	2	4	5	—
62 years and over	16	16	7	2	4	3	—
Median	23.5	24.1	24.0	28.0	31.5	21.2	17.3
Female							
Total persons	242	220	73	11	35	101	22
Under 5 years	29	27	12	1	2	12	2
5 to 9 years	29	26	6	3	7	11	3
10 to 14 years	20	16	3	—	4	9	4
15 to 19 years	24	20	8	—	1	11	4
20 to 24 years	17	17	5	2	—	10	—
25 to 34 years	52	48	18	2	8	20	4
35 to 44 years	28	26	9	1	7	9	2
45 to 54 years	21	20	4	—	2	14	1
55 to 64 years	10	8	3	1	2	2	2
65 to 74 years	7	7	3	—	2	2	—
75 years and over	5	5	2	2	—	1	—
3 and 4 years	19	19	10	—	1	8	—
16 years and over	159	146	50	8	22	66	13
18 years and over	150	139	47	8	21	63	11
21 years and over	136	127	43	7	21	56	9
60 years and over	14	14	6	2	3	3	—
62 years and over	13	13	5	2	3	3	—
Median	25.5	27.0	27.5	25.5	33.5	24.4	18.5
HOUSEHOLD TYPE AND RELATIONSHIP							
Total persons	428	395	138	22	60	175	33
In households	426	393	136	22	60	175	33
Householder	90	85	37	6	13	29	5
Family householder	70	66	26	5	12	23	4
Nonfamily householder	20	19	11	1	1	6	1
Living alone	19	18	10	1	1	6	1
Spouse	91	85	26	4	17	38	6
Other relatives	211	191	59	10	29	93	20
Nonrelatives	34	32	14	2	1	15	2
Inmate of institution	2	2	—	—	—	—	—
Other, in group quarters	—	—	—	—	—	—	—
Persons per household	3.54	3.49	3.00	3.83	4.08	3.79	4.40
Persons per family	4.09	4.02	3.50	4.20	4.33	4.39	5.25
Persons 65 years and over							
Total persons	13	13	5	2	3	3	—
In households	13	13	5	2	3	3	—
Householder	8	8	4	1	2	1	—
Nonfamily householder	7	7	4	1	1	1	—
Living alone	7	7	4	1	1	1	—
Spouse	—	—	—	—	—	—	—
Other relatives	5	5	1	1	1	2	—
Nonrelatives	—	—	—	—	—	—	—
Inmate of institution	—	—	—	—	—	—	—
Other, in group quarters	—	—	—	—	—	—	—
FAMILY TYPE BY PRESENCE OF OWN CHILDREN							
Families	70	66	26	5	12	23	4
With own children under 18 years	48	44	16	4	9	15	4
Number of own children under 18 years	143	126	36	6	22	62	17
Married-couple families							
Total families	53	50	17	2	11	20	3
With own children under 18 years	38	35	11	2	9	13	3
Number of own children under 18 years	133	116	33	4	21	58	17
Female householder, no husband present							
Total families	11	10	5	2	3	3	1
With own children under 18 years	10	9	5	2	—	2	1
Number of own children under 18 years	9	9	3	2	1	3	—
MARITAL STATUS							
Male, 15 years and over							
Total persons	128	124	47	8	20	49	4
Single	61	60	23	3	9	25	1
Now married, except separated	58	55	18	4	10	23	3
Separated	4	4	3	—	1	—	—
Widowed	1	1	—	1	—	—	—
Divorced	4	4	3	—	—	1	—
Female, 15 years and over							
Total persons	164	151	52	8	22	69	13
Single	35	31	13	—	1	17	4
Now married, except separated	101	93	27	5	18	43	8
Separated	1	1	1	—	—	—	—
Widowed	18	17	6	3	2	6	1
Divorced	9	9	5	—	1	3	—

Table P-6. General Characteristics of Spanish Origin Persons: 1980

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

**Census Tracts
[400 or More Spanish Origin
Persons]**

AGE

	The SMSA	Muskegon County					Oceano County
		Total	Muskegon city	Muskegon Heights city	Norton Shores city	Remainder	
Total persons	3 965	2 833	1 216	267	317	1 033	1 132
Under 5 years	558	385	195	39	27	124	173
5 to 9 years	498	337	130	29	36	142	161
10 to 14 years	495	331	130	32	42	127	164
15 to 19 years	505	351	149	24	47	131	154
20 to 24 years	387	275	131	23	25	96	112
25 to 34 years	595	450	200	38	49	163	145
35 to 44 years	353	256	99	22	35	100	97
45 to 54 years	265	192	81	22	28	61	73
55 to 64 years	166	134	38	19	16	61	32
65 to 74 years	92	76	34	12	9	21	16
75 years and over	51	46	29	7	3	7	5

3 and 4 years	210	139	65	15	9	50	71
16 years and over	2 319	1 716	738	163	203	612	603
18 years and over	2 085	1 550	673	148	181	548	535
21 years and over	1 822	1 377	591	139	161	486	445
60 years and over	207	176	83	26	16	51	31
62 years and over	184	158	76	23	15	44	26
Median	19.1	20.2	20.2	21.9	21.6	19.5	17.0

Female	2 006	1 443	620	144	161	518	563
Under 5 years	280	190	103	17	14	56	90
5 to 9 years	252	173	72	19	20	62	79
10 to 14 years	250	168	66	19	22	61	82
15 to 19 years	259	183	76	15	21	71	76
20 to 24 years	197	143	66	11	12	54	54
25 to 34 years	295	224	89	21	24	90	71
35 to 44 years	182	132	51	11	20	50	50
45 to 54 years	137	102	46	12	11	33	35
55 to 64 years	85	68	19	8	11	30	17
65 to 74 years	43	34	18	6	4	6	9
75 years and over	26	26	14	5	2	5	-

3 and 4 years	90	62	28	7	5	22	28
16 years and over	1 174	877	365	86	100	326	297
18 years and over	1 055	789	331	78	90	290	266
21 years and over	918	697	292	73	81	251	221
60 years and over	98	85	43	15	8	19	13
62 years and over	86	75	39	14	7	15	11
Median	19.2	20.2	19.5	21.3	21.5	20.5	16.9

HOUSEHOLD TYPE AND RELATIONSHIP

Total persons	3 965	2 833	1 216	267	317	1 033	1 132
In households	3 904	2 773	1 162	267	312	1 032	1 131
Householder	963	726	328	78	82	238	237
Family householder	804	589	255	57	72	205	215
Nonfamily householder	159	137	73	21	10	33	22
Living alone	129	113	58	19	10	26	16
Spouse	621	436	152	44	50	190	185
Other relatives	2 218	1 519	634	136	174	575	699
Nonrelatives	102	92	48	9	6	29	10
Inmate of institution	38	37	33	-	3	1	1
Other, in group quarters	23	23	21	-	2	-	-
Persons per household	3.79	3.52	3.40	3.33	3.50	3.74	4.62
Persons per family	4.24	3.98	3.93	4.04	3.83	4.09	4.94

Persons 65 years and over	143	122	63	19	12	28	21
In households	138	118	60	19	12	27	20
Householder	96	81	39	13	9	20	15
Nonfamily householder	43	36	17	9	5	5	7
Living alone	39	34	15	9	5	5	5
Spouse	28	23	14	3	3	3	5
Other relatives	12	12	5	3	-	4	-
Nonrelatives	2	2	2	-	-	-	-
Inmate of institution	5	4	3	-	-	1	1
Other, in group quarters	-	-	-	-	-	-	-

FAMILY TYPE BY PRESENCE OF OWN CHILDREN

Families	804	589	255	57	72	205	215
With own children under 18 years	618	440	190	42	53	155	178
Number of own children under 18 years	1 699	1 154	484	106	125	439	545
Married-couple families	614	423	166	43	51	163	191
With own children under 18 years	463	305	116	29	38	122	158
Number of own children under 18 years	1 289	807	301	73	79	354	482
Female householder, no husband present	153	135	75	12	16	32	18
With own children under 18 years	132	118	67	12	12	27	14
Number of own children under 18 years	368	317	172	32	38	75	51

MARITAL STATUS

Male, 15 years and over	1 190	868	382	78	107	301	322
Single	405	300	140	22	43	95	105
Now married, except separated	660	458	186	47	53	172	202
Separated	30	25	12	5	1	7	5
Widowed	17	13	8	1	2	2	4
Divorced	78	72	36	3	8	25	6
Female, 15 years and over	1 224	912	379	89	105	339	312
Single	364	272	125	20	32	95	92
Now married, except separated	658	461	161	48	53	199	197
Separated	41	34	24	1	3	6	7
Widowed	62	54	24	12	5	13	8
Divorced	99	91	45	8	12	26	8

Table P-7. Race and Spanish Origin: 1980

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

Census Tracts	Muskegon County					Oceano County	Muskegon city, Muskegon County					
	The SMSA	Total	Muskegon city	Muskegon Heights city	Norton Shares city		Remainder	Tract 0001 ^a	Tract 0002	Tract 0003	Tract 0004 ^a	Tract 0005
RACE												
Total persons	179 591	157 589	40 823	14 611	22 025	80 130	22 002	4 408	1 181	4 095	6 871	6 305
White	156 432	135 531	31 042	5 269	21 476	77 744	20 901	3 405	201	1 636	5 373	4 722
Black	19 217	19 175	8 746	9 086	210	1 133	42	919	974	2 325	1 325	1 338
American Indian, Eskimo, and Aleut	1 341	1 120	325	88	122	585	221	31	2	33	55	100
American Indian	1 324	1 119	324	88	122	585	205	31	2	32	55	100
Eskimo	14	1	1	—	—	—	13	—	—	1	—	—
Aleut	3	—	—	—	—	—	3	—	—	—	—	—
Asian and Pacific Islander ¹	428	395	138	22	60	175	33	15	—	10	22	24
Japanese	50	44	14	2	10	18	6	1	—	1	4	1
Chinese	34	31	2	9	7	13	3	—	—	—	—	1
Filipino	51	44	9	—	18	17	7	—	—	—	1	1
Korean	91	83	16	3	11	53	8	3	—	2	1	5
Asian Indian	65	64	24	4	14	22	1	2	—	—	2	7
Vietnamese	118	110	63	—	—	47	8	9	—	4	13	8
Hawaiian	14	14	6	3	—	5	—	—	—	1	1	1
Guamanian	4	4	3	—	—	—	—	—	—	—	—	—
Samoa	1	1	—	—	—	—	—	—	—	1	—	—
Other	2 173	1 368	572	146	157	493	805	38	4	91	96	121
SPANISH ORIGIN²												
Persons of Spanish origin	3 965	2 833	1 216	267	317	1 033	1 132	93	32	180	226	254
Mexican	3 310	2 281	1 020	219	273	769	1 029	72	23	146	194	223
Puerto Rican	151	149	70	17	10	52	2	7	9	11	6	17
Cuban	13	13	1	1	4	7	—	—	—	—	—	—
Other Spanish	491	390	125	30	30	205	101	14	—	23	26	14
Persons of Spanish origin	3 965	2 833	1 216	267	317	1 033	1 132	93	32	180	226	254
White	1 805	1 467	614	97	163	593	338	63	25	64	121	131
Black	136	136	75	40	9	12	—	—	2	27	11	19
Other races	2 024	1 230	527	130	145	428	794	30	5	89	94	104
Muskegon city, Muskegon County—Con.												
Census Tracts	Tract 0006.01	Tract 0006.02	Tract 0007	Tract 0008	Tract 0009	Tract 0010	Tract 0010.99	Tract 0018 ^a	Tract 0021	Tract 0011	Tract 0012	Tract 0013
RACE												
Total persons	1 940	3 035	26	3 667	4 079	1 388	100	—	3 728	658	3 824	3 811
White	1 651	1 569	24	3 456	4 003	1 374	87	—	3 541	221	460	81
Black	228	1 335	2	128	33	7	13	—	119	428	3 337	3 702
American Indian, Eskimo, and Aleut	31	24	—	24	4	—	—	—	21	1	6	8
American Indian	31	24	—	24	4	—	—	—	21	1	6	8
Eskimo	—	—	—	—	—	—	—	—	—	—	—	—
Aleut	—	—	—	—	—	—	—	—	—	—	—	—
Asian and Pacific Islander ¹	8	31	—	3	5	6	—	—	14	—	2	2
Japanese	—	—	—	—	1	2	—	—	4	—	—	1
Chinese	1	—	—	1	—	—	—	—	—	—	—	—
Filipino	1	—	—	1	—	—	—	—	—	—	—	—
Korean	1	6	—	2	2	—	—	—	5	—	—	—
Asian Indian	—	—	—	—	2	—	—	—	5	—	—	—
Vietnamese	6	23	—	—	—	—	—	—	—	—	1	—
Hawaiian	—	2	—	—	—	—	—	—	—	—	—	—
Guomanian	—	—	—	—	—	3	—	—	—	—	—	1
Samoa	—	—	—	—	—	—	—	—	—	—	—	—
Other	22	76	—	56	34	1	—	—	33	8	19	18
SPANISH ORIGIN²												
Persons of Spanish origin	61	115	—	109	43	19	—	—	84	9	58	17
Mexican	56	95	—	89	33	11	—	—	78	9	37	15
Puerto Rican	—	11	—	4	3	—	—	—	2	—	11	—
Cuban	—	—	—	1	—	—	—	—	—	—	—	—
Other Spanish	5	9	—	15	7	8	—	—	4	—	10	2
Persons of Spanish origin	61	115	—	109	43	19	—	—	84	9	58	17
White	31	37	—	53	16	18	—	—	55	1	19	—
Black	7	7	—	2	—	—	—	—	—	—	21	15
Other races	23	71	—	54	27	1	—	—	29	8	18	2

¹Excludes "Other Asian and Pacific Islander" groups identified in sample tabulations.
²Persons of Spanish origin may be of any race.

Table P-7. Race and Spanish Origin: 1980—Con.

[For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and 8]

Census Tracts	Muskegon Heights city, Muskegon County—Con.		Norton Shores city, Muskegon County					Remainder of Muskegon County					
	Tract 0014.01	Tract 0014.02	Tract 0023	Tract 0024	Tract 0025	Tract 0026.01	Tract 0026.02	Tract 0001 ^P	Tract 0004 ^P	Tract 0015	Tract 0016	Tract 0017	Tract 0018 ^P
RACE													
Total persons	1 781	4 537	6 327	2 895	6 758	3 383	2 662	128	116	4 024	2 118	4 209	3 428
White	1 017	3 490	6 245	2 782	6 676	3 149	2 624	123	109	3 981	2 112	4 136	3 037
Black	709	910	34	85	48	32	11	—	1	15	4	6	364
American Indian, Eskimo, and Aleut	14	59	2	5	1	93	21	5	5	4	—	16	15
American Indian	14	59	2	5	1	93	21	5	5	4	—	16	15
Eskimo	—	—	—	—	—	—	—	—	—	—	—	—	—
Aleut	—	—	—	—	—	—	—	—	—	—	—	—	—
Asian and Pacific Islander ¹	5	13	18	22	12	5	3	—	—	21	1	44	5
Japanese	1	—	9	—	—	—	1	—	—	—	—	—	—
Chinese	—	9	1	5	1	—	—	—	—	1	—	5	—
Filipino	—	—	7	6	5	—	—	—	—	6	—	—	—
Korean	2	1	—	3	3	4	1	—	—	2	—	5	1
Asian Indian	—	3	1	8	3	1	1	—	—	2	—	7	—
Vietnamese	—	—	—	—	—	—	—	—	—	10	1	26	4
Hawaiian	2	—	—	—	—	—	—	—	—	—	—	1	—
Guamanian	—	—	—	—	—	—	—	—	—	—	—	—	—
Samoan	—	—	—	—	—	—	—	—	—	—	—	—	—
Other	36	65	28	1	21	104	3	—	1	3	1	7	7
SPANISH ORIGIN²													
Persons of Spanish origin	50	133	62	18	34	186	17	3	5	24	10	35	21
Mexican	49	109	50	9	27	176	11	3	4	3	4	26	17
Puerto Rican	—	6	1	4	1	4	—	—	—	—	—	3	—
Cuban	—	1	—	4	—	—	—	—	—	—	—	—	3
Other Spanish	1	17	11	1	6	6	6	—	1	21	6	6	1
Persons of Spanish origin	50	133	62	18	34	186	17	3	5	24	10	35	21
White	16	61	36	14	24	75	14	—	4	23	9	30	9
Black	1	3	6	3	—	—	—	—	—	—	—	—	3
Other races	33	69	20	1	10	111	3	3	1	1	1	5	9
Remainder of Muskegon County—Con.													
Census Tracts	Tract 0019.01	Tract 0019.02	Tract 0020	Tract 0022	Tract 0027	Tract 0028	Tract 0029	Tract 0030	Tract 0031	Tract 0032	Tract 0033	Tract 0034	Tract 0035
RACE													
Total persons	2 362	5 314	3 209	4 015	6 257	4 389	4 827	3 679	2 801	4 509	4 078	3 268	3 055
White	2 282	5 123	3 133	3 938	6 131	4 359	4 750	3 586	2 720	4 294	4 007	3 161	2 995
Black	15	101	9	33	23	2	14	19	28	62	10	63	2
American Indian, Eskimo, and Aleut	34	27	45	7	49	6	21	24	23	82	29	31	47
American Indian	34	27	45	7	49	6	21	24	23	82	29	31	47
Eskimo	—	—	—	—	—	—	—	—	—	—	—	—	—
Aleut	—	—	—	—	—	—	—	—	—	—	—	—	—
Asian and Pacific Islander ¹	1	16	3	16	10	3	6	3	3	7	9	3	—
Japanese	—	1	1	2	1	—	2	—	—	4	—	1	—
Chinese	—	—	—	1	—	—	—	1	—	1	—	2	—
Filipino	—	—	—	1	4	1	—	—	1	—	1	—	—
Korean	1	14	—	3	4	2	4	2	2	2	3	—	—
Asian Indian	—	—	—	9	1	—	—	—	—	—	—	—	—
Vietnamese	—	1	—	—	—	—	—	—	—	—	3	—	—
Hawaiian	—	—	2	—	—	—	—	—	—	—	2	—	—
Guamanian	—	—	—	—	—	—	—	—	—	—	—	—	—
Samoan	—	—	—	—	—	—	—	—	—	—	—	—	—
Other	30	47	19	21	44	19	36	47	27	64	23	10	11
SPANISH ORIGIN²													
Persons of Spanish origin	42	94	34	38	64	75	79	69	65	111	52	21	29
Mexican	37	68	25	30	53	59	55	37	58	94	37	7	23
Puerto Rican	—	9	3	—	2	—	11	10	1	2	—	4	2
Cuban	—	1	—	1	—	—	—	—	1	—	—	—	1
Other Spanish	5	16	6	7	9	16	13	22	5	15	15	10	3
Persons of Spanish origin	42	94	34	38	64	75	79	69	65	111	52	21	29
White	12	59	19	24	26	56	43	27	43	49	34	13	20
Black	—	—	—	—	—	—	—	—	—	1	—	—	—
Other races	30	35	15	14	38	19	36	42	22	61	18	8	9

¹Excludes "Other Asian and Pacific Islander" groups identified in sample tabulations.
²Persons of Spanish origin may be of any race.

Table P-7. Race and Spanish Origin: 1980—Con.

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

Census Tracts

	Remainder of Muskegan County—Can.					Totals for split tracts in Muskegan County			Oceana County				
	Tract 0036	Tract 0037	Tract 0038	Tract 0039	Tract 0040	Tract 0001	Tract 0004	Tract 0018	Tract 0101	Tract 0102	Tract 0103	Tract 0104	Tract 0105
RACE													
Total persons	3 581	5 074	3 372	1 514	803	4 536	6 987	3 428	2 363	3 294	5 872	3 689	6 784
White	3 203	4 982	3 332	1 482	768	3 528	5 482	3 037	2 306	3 103	5 537	3 508	6 447
Black	326	26	1	6	3	919	1 326	364	1	1	2	20	18
American Indian, Eskimo, and Aleut	27	29	14	15	30	36	60	15	18	43	37	41	82
American Indian	27	29	14	15	30	36	60	15	18	30	34	41	82
Eskimo	—	—	—	—	—	—	—	—	—	10	3	—	—
Aleut	—	—	—	—	—	—	—	—	—	3	—	—	—
Asian and Pacific Islander ¹	8	7	8	1	—	15	22	5	2	9	7	8	7
Japanese	—	2	4	—	—	1	4	—	—	—	—	5	1
Chinese	1	1	—	—	—	—	—	—	—	—	—	—	3
Filipino	3	—	—	—	—	—	1	—	2	—	4	1	—
Korean	1	3	3	1	—	3	1	1	—	—	3	2	3
Asian Indian	2	—	1	—	—	2	2	—	—	1	—	—	—
Vietnamese	1	1	—	—	—	9	13	4	—	8	—	—	—
Hawaiian	—	—	—	—	—	—	1	—	—	—	—	—	—
Guamanian	—	—	—	—	—	—	—	—	—	—	—	—	—
Samoaian	—	—	—	—	—	—	—	—	—	—	—	—	—
Other	17	30	17	10	2	38	97	7	36	138	289	112	230
SPANISH ORIGIN²													
Persons of Spanish origin	39	52	48	20	3	96	231	21	49	175	383	220	305
Mexican	32	48	32	15	2	75	198	17	46	168	335	197	283
Puerto Rican	2	3	—	—	—	7	6	—	—	—	1	—	1
Cuban	—	—	—	—	—	—	—	3	—	—	—	—	—
Other Spanish	5	1	16	5	1	14	27	1	3	7	47	23	21
Persons of Spanish origin	39	52	48	20	3	96	231	21	49	175	383	220	305
White	27	28	32	4	2	63	125	9	16	36	97	107	82
Black	8	—	—	—	—	—	11	3	—	—	—	—	—
Other races	4	24	16	16	1	33	95	9	33	139	286	113	223

¹Excludes "Other Asian and Pacific Islander" groups identified in sample tabulations.
²Persons of Spanish origin may be of any race.

Table P-8. Ancestry of Persons: 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]

Census Tracts	Muskegon County						Oceano County	Muskegon city, Muskegon County				
	The SMSA	Total	Muskegon city	Muskegon Heights city	Norton Shores city	Remoinder		Tract 0001 ^a	Tract 0002	Tract 0003	Tract 0004 ^b	Tract 0005
Total persons	179 591	157 589	40 823	14 611	22 025	80 130	22 002	4 408	1 179	4 097	6 871	6 305
Single ancestry group	77 399	69 918	21 394	11 035	7 957	29 532	7 481	2 360	885	3 176	3 689	3 440
Dutch	8 901	8 139	2 446	198	1 328	4 167	762	184	6	307	838	350
English	11 818	10 252	2 417	760	1 298	5 777	1 566	420	18	318	345	310
French	2 602	2 370	698	128	344	1 200	232	30	—	28	165	110
German	12 700	10 784	2 423	421	1 486	6 454	1 916	260	—	46	400	444
Greek	195	189	77	6	53	53	6	—	—	—	11	—
Hungarian	710	665	129	88	79	369	45	31	—	41	—	12
Irish	4 162	3 648	896	184	548	2 020	514	82	—	18	132	238
Italian	897	866	299	33	103	431	31	52	—	34	62	57
Norwegian	944	858	333	15	131	379	86	32	—	19	42	31
Polish	4 114	3 805	1 132	223	601	1 849	309	93	—	24	148	166
Portuguese	23	23	—	—	—	23	—	—	—	—	—	—
Russian	104	95	6	14	50	25	9	—	—	—	—	—
Scottish	558	511	93	24	61	333	47	5	10	7	19	10
Swedish	3 182	2 903	647	87	472	1 697	279	46	7	16	94	84
Ukrainian	217	203	41	25	21	116	14	14	—	—	—	—
Other	26 272	24 607	9 757	8 829	1 382	4 639	1 665	1 111	844	2 318	1 433	1 628
Multiple ancestry group	76 851	66 847	14 138	2 364	10 799	39 546	10 004	1 325	86	656	2 248	2 020
Ancestry not specified	25 341	20 824	5 291	1 212	3 269	11 052	4 517	723	208	265	934	845
Not reported	16 562	14 171	3 692	881	2 494	7 104	2 391	552	80	210	680	651
Selected multiple ancestry groups:												
English and other group(s)	28 163	24 219	4 861	799	4 035	14 524	3 944	399	43	237	809	653
French and other group(s)	16 046	14 438	3 652	567	2 203	8 016	1 608	385	31	232	446	577
German and other group(s)	36 990	31 642	6 459	1 014	5 254	18 915	5 348	632	41	204	1 301	799
Irish and other group(s)	26 228	22 694	5 048	916	3 639	13 091	3 534	448	44	204	784	822
Italian and other group(s)	1 620	1 452	410	48	224	770	168	55	—	14	42	95
Polish and other group(s)	5 698	5 124	961	140	1 156	2 867	574	58	—	5	84	185

Census Tracts	Muskegon city, Muskegon County—Con.						Muskegon Heights city, Muskegon County					
	Tract 0006.01	Tract 0006.02	Tract 0007	Tract 0008	Tract 0009	Tract 0010	Tract 0010.99	Tract 0018 ^a	Tract 0021	Tract 0011	Tract 0012	Tract 0013
Total persons	1 928	3 044	29	3 667	4 042	1 418	107	—	3 728	602	3 880	3 811
Single ancestry group	1 007	2 029	...	1 192	1 494	566	—	—	1 542	458	3 341	3 476
Dutch	110	85	...	138	133	109	—	—	178	18	29	—
English	206	117	...	113	271	103	—	—	196	66	72	77
French	34	49	...	113	67	27	—	—	75	5	21	—
German	152	176	...	187	330	115	—	—	307	8	23	4
Greek	12	13	...	13	7	21	—	—	—	—	6	—
Hungarian	—	—	...	14	6	13	—	—	12	—	14	—
Irish	10	57	...	96	140	—	—	—	123	—	21	—
Italian	21	—	...	30	6	—	—	—	37	5	—	—
Norwegian	11	20	...	64	50	20	—	—	44	—	—	—
Polish	127	16	...	137	112	51	—	—	258	19	12	—
Portuguese	—	—	...	—	—	—	—	—	—	—	—	—
Russian	—	—	...	—	6	—	—	—	—	—	8	—
Scottish	6	8	...	7	13	—	—	—	8	—	—	—
Swedish	30	17	...	88	174	27	—	—	64	—	—	—
Ukrainian	6	—	...	10	5	6	—	—	—	13	—	—
Other	282	1 471	...	182	174	74	—	—	240	324	3 135	3 395
Multiple ancestry group	759	556	...	1 910	2 187	700	—	—	1 682	101	189	35
Ancestry not specified	162	459	...	565	361	152	107	—	504	43	350	300
Not reported	136	328	...	385	218	78	107	—	261	31	239	232
Selected multiple ancestry groups:												
English and other group(s)	222	272	...	681	755	250	—	—	536	42	36	18
French and other group(s)	232	111	...	549	454	130	—	—	505	16	62	21
German and other group(s)	436	180	...	839	957	289	—	—	781	69	61	7
Irish and other group(s)	271	261	...	850	590	140	—	—	629	34	29	—
Italian and other group(s)	38	—	...	49	55	32	—	—	30	9	—	—
Polish and other group(s)	72	40	...	149	163	26	—	—	179	5	20	—

Table P-8. Ancestry of Persons: 1980—Con.

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

Census Tracts	Muskegon Heights city, Muskegon County—Can.		Norton Shores city, Muskegon County					Remainder of Muskegon County					
	Tract 0014.01	Tract 0014.02	Tract 0023	Tract 0024	Tract 0025	Tract 0026.01	Tract 0026.02	Tract 0001*	Tract 0004*	Tract 0015	Tract 0016	Tract 0017	Tract 0018*
Total persons	1 806	4 512	6 327	2 895	6 758	3 362	2 683	98	131	4 024	2 130	4 197	3 443
Single ancestry group.....	1 398	2 362	1 993	1 267	2 448	1 483	766	54	40	1 569	676	1 454	1 485
Dutch.....	33	118	355	167	446	133	227	7	5	238	149	253	137
English.....	258	287	297	212	427	257	105	8	—	363	138	441	231
French.....	31	71	92	71	73	101	7	4	—	61	19	24	44
German.....	85	301	365	259	556	154	152	26	16	326	115	343	235
Greek.....	—	—	17	19	17	—	—	—	—	—	—	—	—
Hungarian.....	22	52	39	9	17	14	—	—	—	—	—	6	40
Irish.....	55	108	152	52	180	105	59	—	4	150	54	61	88
Italian.....	5	23	35	5	29	27	7	—	—	23	5	14	70
Norwegian.....	—	15	52	6	28	19	26	—	—	17	21	12	12
Polish.....	60	132	172	119	178	88	44	—	—	25	59	100	97
Portuguese.....	—	—	—	—	—	—	—	—	—	6	—	—	—
Russian.....	6	—	38	5	7	—	—	—	—	—	—	6	—
Scottish.....	—	24	23	4	19	15	—	—	—	55	12	20	6
Swedish.....	17	70	137	105	144	64	22	—	3	171	63	60	76
Ukrainian.....	—	12	—	—	21	—	—	—	—	—	6	—	—
Other.....	826	1 149	219	234	306	506	117	9	12	134	35	114	449
Multiple ancestry group.....	292	1 747	2 929	1 352	3 637	1 367	1 514	10	86	1 937	1 198	2 420	1 550
Ancestry not specified.....	116	403	1 405	276	673	512	403	34	5	518	256	323	408
Not reported.....	106	273	1 243	212	448	332	259	34	5	358	201	246	237
Selected multiple ancestry groups:													
English and other group(s).....	107	596	1 077	356	1 480	601	521	6	—	819	522	810	439
French and other group(s).....	76	392	590	371	663	306	273	10	6	306	283	379	295
German and other group(s).....	95	782	1 380	701	1 834	639	700	4	42	916	608	1 096	675
Irish and other group(s).....	132	721	957	442	1 116	517	607	10	83	536	395	662	496
Italian and other group(s).....	6	33	48	17	118	41	—	—	—	77	40	18	38
Polish and other group(s).....	15	100	404	205	336	163	48	—	5	63	26	189	111
Remainder of Muskegon County—Can.													
Census Tracts	Tract 0019.01	Tract 0019.02	Tract 0020	Tract 0022	Tract 0027	Tract 0028	Tract 0029	Tract 0030	Tract 0031	Tract 0032	Tract 0033	Tract 0034	Tract 0035
Total persons	2 362	5 314	3 209	4 015	6 257	4 389	4 827	3 679	2 809	4 501	4 070	3 260	3 085
Single ancestry group.....	995	1 937	1 271	1 856	2 150	1 252	1 734	1 527	892	1 680	1 398	1 179	954
Dutch.....	58	260	219	370	477	219	242	208	101	264	195	105	100
English.....	202	446	292	209	373	336	317	325	228	375	314	187	117
French.....	18	71	36	23	100	42	84	105	49	96	69	87	70
German.....	236	330	240	323	356	230	418	324	240	211	328	258	243
Greek.....	—	—	23	24	—	—	—	1	—	—	2	—	—
Hungarian.....	—	26	—	34	43	42	28	30	11	—	14	—	11
Irish.....	109	159	97	86	134	43	101	141	56	49	98	79	67
Italian.....	26	10	6	50	20	20	22	12	28	31	16	10	25
Norwegian.....	—	38	11	32	28	10	11	8	5	20	53	13	10
Polish.....	58	96	78	358	140	108	115	48	53	97	70	82	55
Portuguese.....	—	—	—	—	—	5	—	4	—	—	—	8	—
Russian.....	5	—	—	—	—	—	—	—	—	—	—	—	—
Scottish.....	37	24	4	—	23	19	34	28	—	—	8	6	9
Swedish.....	34	101	76	114	118	45	65	112	17	70	51	67	104
Ukrainian.....	—	37	7	17	27	4	—	7	—	—	1	7	—
Other.....	212	339	182	216	311	129	297	174	104	467	179	270	143
Multiple ancestry group.....	1 081	2 686	1 517	1 844	3 122	2 330	2 334	1 530	1 384	2 294	2 108	1 545	1 446
Ancestry not specified.....	286	691	421	315	985	807	759	622	533	527	564	536	685
Not reported.....	206	551	308	249	502	361	452	351	356	307	318	428	367
Selected multiple ancestry groups:													
English and other group(s).....	381	1 259	618	614	1 127	867	822	583	483	732	753	424	515
French and other group(s).....	303	613	389	387	625	340	510	254	336	731	507	221	274
German and other group(s).....	519	1 104	753	909	1 396	1 024	1 069	714	590	1 184	1 022	836	770
Irish and other group(s).....	396	1 127	636	638	967	628	794	545	607	752	611	537	349
Italian and other group(s).....	15	48	82	43	7	69	16	25	12	34	28	33	40
Polish and other group(s).....	62	123	117	128	346	263	245	73	58	153	213	125	91

Table P-8. Ancestry of Persons: 1980—Con.

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

Census Tracts

	Remainder of Muskegon County—Con.					Totals for split tracts in Muskegon County			Oceana County				
	Tract 0036	Tract 0037	Tract 0038	Tract 0039	Tract 0040	Tract 0001	Tract 0004	Tract 0018	Tract 0101	Tract 0102	Tract 0103	Tract 0104	Tract 0105
Total persons	3 597	5 059	3 360	1 501	813	4 506	7 002	3 443	2 363	3 294	5 872	3 689	6 784
Single oncestry group	1 523	1 945	1 133	539	289	2 414	3 729	1 485	822	1 109	2 174	1 337	2 039
Dutch	138	222	135	42	23	191	843	137	61	99	326	91	185
English	240	339	174	85	37	428	345	231	149	230	368	283	536
French	125	47	13	11	2	34	165	44	19	42	65	19	87
German	231	660	419	222	124	286	416	235	242	316	556	329	473
Greek	—	—	—	—	3	—	11	—	2	2	2	—	—
Hungarian	50	8	20	2	4	31	—	40	—	24	—	2	19
Irish	162	141	90	28	23	82	136	88	47	73	132	97	165
Italian	1	23	8	9	2	52	62	70	6	3	12	4	6
Norwegian	10	36	12	15	5	32	42	12	11	26	27	10	12
Polish	69	67	45	17	12	93	148	97	58	35	108	25	83
Portuguese	—	—	—	—	—	—	—	—	—	—	—	—	—
Russian	—	14	—	—	—	—	—	—	3	2	2	—	2
Scottish	24	17	1	—	6	5	19	6	7	3	15	13	9
Swedish	78	165	50	45	12	46	97	76	34	50	51	84	60
Ukrainian	3	—	—	—	—	14	—	—	—	4	2	2	6
Other	392	206	166	63	36	1 120	1 445	449	183	200	508	378	396
Multiple ancestry group	1 422	2 547	1 925	783	447	1 335	2 334	1 550	1 089	1 663	2 616	1 488	3 148
Ancestry not specified	652	567	302	179	77	757	939	408	452	522	1 082	864	1 597
Not reported	363	464	254	120	66	586	685	237	242	297	626	503	723
Selected multiple ancestry groups:													
English and other group(s)	448	985	865	286	166	405	809	439	394	694	1 001	599	1 256
French and other group(s)	336	388	278	150	95	395	452	295	241	279	409	234	445
German and other group(s)	649	1 276	1 041	462	256	636	1 343	675	602	918	1 431	773	1 624
Irish and other group(s)	468	785	654	220	195	458	867	496	328	549	943	481	1 233
Italian and other group(s)	38	66	14	21	6	55	42	38	15	18	34	35	66
Polish and other group(s)	91	154	161	55	15	58	89	111	76	123	158	67	150

Table P-9. Social Characteristics of Persons: 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]

Census Tracts	Muskegon County					Oceana County	Muskegon city, Muskegon County					
	The SMSA	Total	Muskegon city	Muskegon Heights city	Norton Shores city		Remainder	Tract 0001 ^a	Tract 0002	Tract 0003	Tract 0004 ^b	Tract 0005
NATIVITY AND PLACE OF BIRTH												
Total persons	179 591	157 589	40 823	14 611	22 025	80 130	22 002	4 408	1 179	4 097	6 871	6 305
Native	176 367	154 708	39 940	14 337	21 560	78 871	21 659	4 304	1 161	4 039	6 746	6 208
Born in State of residence	142 645	124 597	31 155	9 411	17 097	66 934	18 048	3 187	652	2 878	5 410	4 937
Born in different State	33 342	29 795	8 697	4 910	4 428	11 760	3 547	1 100	509	1 153	1 329	1 258
Born abroad, at sea, etc.	380	316	88	16	35	177	64	17	—	8	7	13
Foreign born	3 224	2 881	883	274	465	1 259	343	104	18	58	125	97
LANGUAGE SPOKEN AT HOME AND ABILITY TO SPEAK ENGLISH												
Persons 5 to 17 years	41 325	35 996	8 085	3 642	4 848	19 421	5 329	767	328	1 041	1 242	1 393
Speak a language other than English at home	1 211	909	270	80	159	400	302	20	—	6	45	94
Percent who speak English not well or not at all	9.9	9.1	10.7	10.0	13.2	6.3	12.3	30.0	—	—	—	13.8
Persons 18 years and over	123 999	109 133	29 241	9 521	15 731	54 640	14 866	3 232	738	2 609	5 164	4 273
Speak a language other than English at home	5 185	4 415	1 491	497	653	1 774	770	126	10	158	183	181
Percent who speak English not well or not at all	9.4	8.8	13.3	6.6	9.6	5.3	13.0	21.4	—	10.8	29.0	16.6
SCHOOL ENROLLMENT AND TYPE OF SCHOOL												
Persons 3 years old and over enrolled in school	51 444	45 442	10 822	4 364	6 503	23 753	6 002	1 194	419	1 175	1 842	1 873
Nursery school	2 082	1 884	399	215	354	916	198	51	18	39	76	55
Private	726	677	168	32	91	386	49	21	—	—	61	6
Kindergarten	3 065	2 730	653	235	403	1 439	335	45	20	66	123	90
Private	219	207	113	8	48	38	12	12	—	17	27	11
Elementary (1 to 8 years)	24 829	21 587	4 819	2 259	2 793	11 716	3 242	484	171	598	820	859
Private	2 246	2 150	473	280	307	1 090	96	48	16	64	131	51
High school (1 to 4 years)	14 568	12 758	2 960	1 192	1 806	6 800	1 810	213	161	371	378	526
Private	1 269	1 244	398	191	232	423	25	11	12	6	59	48
College	6 900	6 483	1 991	463	1 147	2 882	417	401	49	101	445	343
YEARS OF SCHOOL COMPLETED												
Persons 25 years old and over	101 715	89 173	22 985	7 612	13 195	45 381	12 542	2 290	573	2 097	4 062	3 250
Elementary: 0 to 4 years	2 022	1 720	720	430	119	451	302	109	51	173	76	129
5 to 7 years	4 739	4 104	1 394	745	308	1 657	635	161	85	189	230	226
8 years	10 302	8 777	2 623	940	753	4 461	1 525	276	44	315	500	404
High school: 1 to 3 years	18 463	16 365	4 650	1 876	1 976	7 863	2 098	378	109	464	908	723
4 years	40 097	34 958	8 332	2 507	5 097	19 022	5 139	791	237	550	1 621	1 187
College: 1 to 3 years	15 465	13 780	3 467	797	2 349	7 167	1 685	408	40	321	558	349
4 or more years	10 627	9 469	1 799	317	2 593	4 760	1 158	167	7	85	169	232
Percent high school graduates	65.1	65.3	59.2	47.6	76.1	68.2	63.6	59.7	49.6	45.6	57.8	54.4
FERTILITY												
Women 35 to 44 years	9 778	8 531	1 664	581	1 394	4 892	1 247	176	82	156	251	279
Children ever born	29 681	25 626	5 159	2 028	3 820	14 619	4 055	413	273	520	753	1 070
Per 1,000 women	3 035	3 004	3 100	3 491	2 740	2 988	3 252	2 347	3 329	3 333	3 000	3 835
RESIDENCE IN 1975												
Persons 5 years and over	165 387	145 289	37 480	13 182	20 590	74 037	20 098	4 033	999	3 641	6 479	5 690
Same house	99 839	87 578	20 648	8 766	12 058	46 106	12 261	1 772	702	1 780	3 942	3 145
Different house in United States	64 922	57 160	16 548	4 405	8 478	27 729	7 762	2 221	297	1 848	2 412	2 535
Central city of this SMSA	27 750	27 298	10 107	2 961	4 616	9 614	452	1 065	253	1 273	1 148	1 501
Remainder of this SMSA	19 580	14 710	2 255	669	1 257	10 529	4 870	505	32	167	248	346
Outside this SMSA	17 592	15 152	4 186	775	2 605	7 586	2 440	651	12	408	1 016	688
Different SMSA	13 026	11 381	3 197	600	1 963	5 621	1 645	406	12	328	824	511
Not in an SMSA	4 566	3 771	989	175	642	1 965	795	245	—	80	192	177
Abroad	626	551	284	11	54	202	75	40	—	13	125	10
JOURNEY TO WORK												
Workers 16 years and over	66 344	59 127	13 995	3 982	9 384	31 766	7 217	1 625	321	1 042	2 096	2 030
Private vehicle: Drive alone	48 804	44 495	10 231	2 623	7 639	24 002	4 309	1 174	223	685	1 618	1 412
Carpool	12 266	10 540	2 377	946	1 299	5 918	1 726	331	68	189	328	346
Public transportation	546	542	267	109	42	124	4	65	—	22	11	64
Bus or streetcar	463	459	233	88	33	105	4	65	—	22	11	30
Subway, elevated train, or railroad	5	5	—	—	—	5	—	—	—	—	—	—
Walked only	2 617	2 013	716	216	236	845	604	38	22	96	61	146
Other means	768	629	213	55	83	278	139	17	8	29	44	37
Worked at home	1 343	908	191	33	85	599	435	—	—	21	34	25
Persons per private vehicle	1.13	1.12	1.12	1.18	1.09	1.12	1.21	1.15	1.15	1.17	1.10	1.12
Mean travel time to work — minutes	17.6	16.9	14.8	15.4	14.9	18.7	23.0	17.6	19.0	15.3	14.1	14.6
Worked in SMSA of residence	56 587	50 622	12 338	3 175	8 039	27 070	5 965	1 361	181	831	2 047	1 750
Muskegon city—central business district	2 657	2 604	662	96	570	1 276	53	30	11	39	200	48
Remainder of Muskegon city	24 543	23 942	7 767	1 341	3 459	11 375	601	831	87	578	990	1 052
Muskegon Heights city	5 381	5 263	1 138	968	972	2 185	118	157	12	89	220	200
Norton Shores city	5 916	5 805	1 101	387	2 283	2 034	111	99	63	35	208	161
Remainder of Muskegon County	13 860	12 801	1 660	383	755	10 003	1 059	244	8	90	429	289
Oceana County	4 230	207	10	—	197	—	4 023	—	—	—	—	—
Worked outside SMSA of residence	6 754	5 820	927	451	877	3 565	934	166	11	17	133	216
Grand Rapids city	762	723	106	13	72	532	39	—	—	—	10	15
Remainder of Kent County	418	404	20	11	11	362	14	—	—	—	10	10
Holland city (pt.)	243	233	40	67	81	45	10	12	11	—	—	—
Grand Haven city	1 989	1 967	459	194	245	1 069	22	82	—	17	62	104
Remainder of Ottawa County	1 552	1 524	198	138	308	880	28	62	—	—	51	44
Newaygo County	788	372	—	—	10	362	416	—	—	—	—	—
Mason County	322	33	—	—	23	10	289	—	—	—	—	—
Worked elsewhere	680	564	104	28	127	305	116	10	—	—	—	43
Place of work not reported	3 524	3 071	636	275	528	1 632	453	74	—	38	39	116

Table P-9. Social Characteristics of Persons: 1980—Con.

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

Census Tracts	Muskegon city, Muskegon County—Con.									Muskegon Heights city, Muskegon County		
	Tract 0006.01	Tract 0006.02	Tract 0007	Tract 0008	Tract 0009	Tract 0010	Tract 0010.99	Tract 0018*	Tract 0021	Tract 0011	Tract 0012	Tract 0013
NATIVITY AND PLACE OF BIRTH												
Total persons	1 928	3 044	29	3 667	4 042	1 418	107	—	3 728	602	3 880	3 811
Native	1 898	2 926	...	3 588	3 959	1 372	99	—	3 611	596	3 849	3 802
Born in State of residence	1 596	1 952	...	2 933	3 339	1 150	91	—	3 007	424	2 395	1 968
Born in different State	302	945	...	650	620	222	8	—	595	172	1 454	1 828
Born abroad, at sea, etc.	—	29	...	5	—	—	—	—	9	—	—	6
Foreign born	30	118	...	79	83	46	8	—	117	6	31	9
LANGUAGE SPOKEN AT HOME AND ABILITY TO SPEAK ENGLISH												
Persons 5 to 17 years	323	681	...	681	740	229	7	—	653	120	1 177	1 080
Speak a language other than English at home	5	66	...	5	17	6	—	—	6	—	38	4
Percent who speak English not well or not at all	100.0	7.6	...	—	—	—	—	—	—	—	—	—
Persons 18 years and over	1 433	2 045	...	2 676	3 051	1 128	100	—	2 763	430	2 316	2 352
Speak a language other than English at home	122	210	...	106	129	60	—	—	206	32	63	53
Percent who speak English not well or not at all	13.1	11.9	...	5.7	—	—	—	—	12.1	18.8	—	—
SCHOOL ENROLLMENT AND TYPE OF SCHOOL												
Persons 3 years old and over enrolled in school ..	450	852	...	848	938	354	21	—	856	181	1 428	1 288
Nursery school	6	16	...	54	34	20	—	—	30	12	63	75
Private	—	—	...	22	29	20	—	—	9	8	—	—
Kindergarten	24	54	...	73	49	11	—	—	98	9	73	81
Private	5	3	...	15	6	—	—	—	17	—	—	—
Elementary (1 to 8 years)	147	449	...	370	422	121	7	—	371	73	774	623
Private	46	2	...	43	40	11	—	—	21	10	68	39
High school (1 to 4 years)	177	264	...	238	315	126	7	—	184	74	359	393
Private	56	8	...	54	42	30	—	—	72	—	41	34
College	96	69	...	113	118	76	7	—	173	13	159	116
YEARS OF SCHOOL COMPLETED												
Persons 25 years old and over	1 111	1 574	...	2 125	2 584	959	67	—	2 264	348	1 793	1 861
Elementary: 0 to 4 years	30	57	...	42	30	—	—	—	23	31	121	204
5 to 7 years	45	194	...	65	47	6	6	—	132	14	201	281
8 years	110	167	...	223	243	24	—	—	311	55	156	212
High school: 1 to 3 years	192	387	...	434	484	148	—	—	417	106	518	474
4 years	403	487	...	760	1 082	394	7	—	804	112	501	518
College: 1 to 3 years	205	200	...	377	453	214	16	—	326	21	250	147
4 or more years	126	82	...	224	245	173	38	—	251	9	46	25
Percent high school graduates	66.1	48.9	...	64.0	68.9	81.4	91.0	—	61.0	40.8	44.5	37.1
FERTILITY												
Women 35 to 44 years	41	116	...	144	201	89	—	—	129	33	164	147
Children ever born	96	420	...	374	582	272	—	—	386	83	605	602
Per 1,000 women	2 341	3 621	...	2 597	2 896	3 056	—	—	2 992	2 515	3 689	4 095
RESIDENCE IN 1975												
Persons 5 years and over	1 794	2 705	...	3 423	3 836	1 332	108	—	3 410	551	3 554	3 431
Same house	1 010	885	...	2 007	2 538	1 004	59	—	1 786	275	2 393	2 607
Different house in United States	733	1 820	...	1 383	1 298	328	49	—	1 612	265	1 161	824
Central city of this SMSA	569	1 199	...	825	1 044	202	21	—	995	191	957	606
Remainder of this SMSA	114	198	...	179	64	50	—	—	352	14	58	30
Outside this SMSA	50	423	...	379	190	76	28	—	265	60	146	188
Different SMSA	24	380	...	286	115	76	20	—	215	46	63	188
Not in on SMSA	26	43	...	93	75	—	8	—	50	14	83	—
Abroad	51	—	...	33	—	—	—	—	12	11	—	—
JOURNEY TO WORK												
Workers 16 years and over	784	744	...	1 464	1 716	744	14	—	1 396	138	1 032	717
Private vehicle: Drive alone	526	419	...	1 017	1 414	588	14	—	1 135	87	615	458
Carpool	159	144	...	256	203	138	—	—	215	28	316	173
Public transportation	5	50	...	30	7	5	—	—	8	6	17	39
Bus or streetcar	5	50	...	30	7	5	—	—	8	6	17	18
Subway, elevated train, or railroad	—	—	...	—	—	—	—	—	—	—	—	—
Walked only	79	84	...	113	55	—	—	—	22	11	67	23
Other means	7	—	...	27	23	8	—	—	—	6	11	12
Worked at home	8	47	...	21	14	5	—	—	16	—	6	12
Persons per private vehicle	1.14	1.18	...	1.12	1.07	1.11	1.00	—	1.09	1.19	1.26	1.20
Mean travel time to work	11.8	21.0	...	13.6	14.2	15.5	19.3	—	13.2	15.2	15.0	20.0
Worked in SMSA of residence	772	585	...	1 237	1 591	635	—	—	1 348	94	720	590
Muskegon city—central business district	73	23	...	39	68	22	—	—	109	—	24	42
Remainder of Muskegon city	568	376	...	976	1 129	344	—	—	836	34	357	270
Muskegon Heights city	48	52	...	101	126	47	—	—	86	10	199	170
Norton Shores city	41	67	...	22	132	114	—	—	159	11	75	45
Remainder of Muskegon County	42	57	...	99	136	108	—	—	158	39	65	63
Oceana County	—	10	...	—	—	—	—	—	—	—	—	—
Worked outside SMSA of residence	38	59	...	115	63	25	—	—	84	—	97	94
Grand Rapids city	—	—	...	53	—	16	—	—	12	—	—	—
Remainder of Kent County	—	—	...	—	—	—	—	—	—	—	—	—
Holland city (pt.)	—	—	...	—	11	—	—	—	6	—	15	52
Grand Haven city	28	41	...	48	40	—	—	—	37	—	45	25
Remainder of Ottawa County	10	—	...	—	12	—	—	—	19	—	24	17
Newaygo County	—	—	...	—	—	—	—	—	—	—	—	—
Mason County	—	—	...	—	—	—	—	—	—	—	—	—
Worked elsewhere	—	18	...	14	—	9	—	—	10	—	13	—
Place of work not reported	37	60	...	125	20	64	14	—	49	17	90	35

Table P-9. Social Characteristics of Persons: 1980—Con.

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

Census Tracts	Muskegon Heights city, Muskegon County—Con.		Norton Shores city, Muskegon County					Remainder of Muskegon County					
	Tract 0014.01	Tract 0014.02	Tract 0023	Tract 0024	Tract 0025	Tract 0026.01	Tract 0026.02	Tract 0001*	Tract 0004*	Tract 0015	Tract 0016	Tract 0017	Tract 0018*
NATIVITY AND PLACE OF BIRTH													
Total persons	1 806	4 512	6 327	2 895	6 758	3 362	2 683	98	131	4 024	2 130	4 197	3 443
Native.....	1 753	4 337	6 164	2 817	6 648	3 293	2 638	98	131	3 865	2 114	4 143	3 403
Born in State of residence.....	1 288	3 336	4 494	2 210	5 372	2 748	2 273	85	123	3 037	1 856	3 445	2 874
Born in different State.....	465	991	1 644	607	1 267	545	365	13	8	806	248	698	529
Born abroad, at sea, etc.....	—	10	26	—	9	—	—	—	—	22	10	—	—
Foreign born.....	53	175	163	78	110	69	45	—	—	159	16	54	40
LANGUAGE SPOKEN AT HOME AND ABILITY TO SPEAK ENGLISH													
Persons 5 to 17 years	367	898	1 457	549	1 626	667	549	24	32	766	491	961	909
Speak a language other than English at home.....	10	28	22	38	41	28	30	—	—	17	23	34	6
Percent who speak English not well or not at all.....	—	28.6	22.7	31.6	—	14.3	—	—	—	—	—	—	—
Persons 18 years and over	1 245	3 178	4 480	2 215	4 669	2 415	1 952	74	66	3 059	1 469	2 931	2 227
Speak a language other than English at home.....	103	246	164	130	170	131	58	7	12	197	11	44	43
Percent who speak English not well or not at all.....	12.6	5.7	4.3	3.8	14.7	14.5	12.1	—	41.7	—	—	—	14.0
SCHOOL ENROLLMENT AND TYPE OF SCHOOL													
Persons 3 years old and over enrolled in school ..	397	1 070	2 030	799	2 160	738	776	31	29	1 107	617	1 213	1 139
Nursery school.....	11	54	159	22	106	43	24	—	—	41	10	72	35
Private.....	—	24	12	12	62	5	—	—	—	41	10	52	32
Kindergarten.....	21	51	73	57	133	63	77	—	—	65	52	86	72
Private.....	—	8	—	7	27	7	7	—	—	—	—	—	—
Elementary (1 to 8 years).....	237	552	863	295	922	394	319	18	15	434	253	594	533
Private.....	44	119	70	74	128	35	—	—	—	30	10	11	—
High school (1 to 4 years).....	90	276	584	227	599	201	195	6	8	303	208	329	338
Private.....	31	85	90	10	92	33	7	—	—	20	22	—	6
College.....	38	137	351	198	400	37	161	7	6	264	94	132	161
YEARS OF SCHOOL COMPLETED													
Persons 25 years old and over	1 004	2 606	3 785	1 865	4 047	1 970	1 528	58	47	2 710	1 233	2 480	1 884
Elementary: 0 to 4 years.....	24	50	7	9	16	59	28	8	—	24	6	15	31
5 to 7 years.....	78	171	26	30	67	104	81	—	—	24	48	35	52
8 years.....	144	373	165	104	178	166	140	7	10	188	72	88	81
High school: 1 to 3 years.....	276	502	333	294	407	533	409	18	5	326	217	335	274
4 years.....	297	1 079	1 475	658	1 593	742	629	25	26	786	514	1 002	947
College: 1 to 3 years.....	120	259	744	348	823	255	179	—	6	582	207	526	335
4 or more years.....	65	172	1 035	422	963	111	62	—	—	780	169	479	162
Percent high school graduates.....	48.0	57.9	86.0	76.6	83.5	56.2	56.9	43.1	68.1	79.3	72.2	80.9	76.6
FERTILITY													
Women 35 to 44 years	60	177	449	191	447	188	119	12	9	271	156	263	216
Children ever born.....	224	514	1 140	485	1 323	543	329	40	25	620	431	743	707
Per 1,000 women.....	3 733	2 904	2 539	2 539	2 960	2 888	2 765	3 333	2 778	2 288	2 763	2 825	3 273
RESIDENCE IN 1975													
Persons 5 years and over	1 594	4 052	5 943	2 758	6 307	3 158	2 424	94	121	3 815	2 012	3 871	3 058
Same house.....	1 118	2 373	3 745	1 391	3 759	1 596	1 567	45	59	2 287	1 370	2 020	2 057
Different house in United States.....	476	1 679	2 198	1 341	2 531	1 551	857	49	62	1 528	642	1 851	1 001
Central city of this SMSA.....	293	914	1 317	767	1 202	949	381	11	47	437	201	913	336
Remainder of this SMSA.....	59	508	135	218	420	334	150	38	15	529	252	535	485
Outside this SMSA.....	124	257	746	356	909	268	326	—	—	562	189	403	180
Different SMSA.....	114	189	489	248	769	175	282	—	—	405	158	349	112
Not in an SMSA.....	10	68	257	108	140	93	44	—	—	157	31	54	68
Abroad.....	—	—	—	26	17	11	—	—	—	—	—	—	—
JOURNEY TO WORK													
Workers 16 years and over	511	1 584	3 013	1 228	2 837	1 184	1 122	30	35	1 694	934	1 907	1 402
Private vehicle: Drive alone.....	379	1 084	2 465	1 055	2 337	892	890	22	24	1 343	744	1 525	981
Carpool.....	94	335	438	100	383	219	159	—	11	256	161	291	316
Public transportation.....	—	47	6	9	13	5	9	—	—	—	7	11	—
Bus or streetcar.....	—	47	6	9	13	5	—	—	—	—	7	11	—
Subway, elevated train, or railroad.....	—	—	—	—	—	—	—	—	—	—	—	—	—
Walked only.....	17	98	42	56	54	49	35	—	—	43	9	20	41
Other means.....	6	20	18	5	21	14	25	8	—	22	—	21	12
Worked at home.....	15	—	44	3	29	5	4	—	—	30	13	39	52
Persons per private vehicle.....	1.11	1.16	1.09	1.05	1.08	1.14	1.10	1.00	1.30	1.09	1.10	1.10	1.15
Mean travel time to work..... minutes.....	15.0	13.8	14.8	12.2	15.1	17.6	14.9	14.2	8.8	15.8	21.6	18.0	15.9
Worked in SMSA of residence.....	488	1 283	2 606	1 156	2 449	952	876	19	58	1 436	969	1 655	1 396
Muskegon city—central business district.....	—	30	217	92	173	67	21	—	—	135	80	105	144
Remainder of Muskegon city.....	175	505	1 208	443	1 112	406	290	19	58	667	392	862	643
Muskegon Heights city.....	185	404	205	95	361	162	149	—	—	110	13	138	88
Norton Shores city.....	48	208	705	344	656	239	339	—	—	95	90	100	121
Remainder of Muskegon County.....	80	136	271	182	147	78	77	—	—	410	394	435	400
Oceana County.....	—	—	—	—	—	—	—	—	—	19	—	15	—
Worked outside SMSA of residence.....	12	248	200	55	242	132	248	—	—	55	70	93	13
Grand Rapids city.....	—	13	20	9	43	—	—	—	—	—	—	—	—
Remainder of Kent County.....	—	11	—	—	11	—	—	—	—	—	—	—	—
Holland city (pt.).....	—	—	29	—	—	52	—	—	—	—	12	—	—
Grand Haven city.....	12	112	25	15	61	16	128	—	—	14	32	55	—
Remainder of Ottawa County.....	—	97	72	—	89	43	104	—	—	18	11	28	13
Newaygo County.....	—	—	—	—	10	—	—	—	—	23	—	—	—
Mason County.....	—	—	—	23	—	—	—	—	—	—	—	—	—
Worked elsewhere.....	—	15	54	8	28	21	16	—	—	—	15	10	—
Place of work not reported.....	64	69	202	70	179	42	35	—	—	108	29	119	16

Table P-9. Social Characteristics of Persons: 1980—Con.

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

Census Tracts	Remainder of Muskegon County—Con.												
	Tract 0019.01	Tract 0019.02	Tract 0020	Tract 0022	Tract 0027	Tract 0028	Tract 0029	Tract 0030	Tract 0031	Tract 0032	Tract 0033	Tract 0034	Tract 0035
NATIVITY AND PLACE OF BIRTH													
Total persons	2 362	5 314	3 209	4 015	6 257	4 389	4 827	3 679	2 809	4 501	4 070	3 260	3 085
Native	2 351	5 206	3 171	3 880	6 134	4 349	4 746	3 628	2 790	4 446	4 012	3 246	3 035
Born in State of residence	2 001	4 422	2 774	3 078	5 573	3 632	4 215	3 260	2 458	3 872	3 495	2 811	2 597
Barn in different State	350	765	397	802	555	709	509	366	317	554	504	435	438
Born abroad, at sea, etc.	—	19	—	—	6	8	22	2	15	20	13	—	—
Foreign born	11	108	38	135	123	40	81	51	19	55	58	14	50
LANGUAGE SPOKEN AT HOME AND ABILITY TO SPEAK ENGLISH													
Persons 5 to 17 years	653	1 213	713	717	1 529	1 113	1 349	1 003	733	1 136	959	710	831
Speak a language other than English at home	19	4	7	21	45	24	18	20	7	30	24	12	—
Percent who speak English not well or not at all	—	—	—	23.8	—	12.5	—	—	—	—	8.3	—	—
Persons 18 years and over	1 536	3 757	2 264	3 137	4 230	2 965	3 138	2 366	1 815	2 961	2 740	2 215	1 986
Speak a language other than English at home	67	80	70	222	153	29	129	86	65	113	113	40	36
Percent who speak English not well or not at all	34.3	8.8	8.6	6.3	3.3	—	3.9	2.3	—	4.4	0.9	—	—
SCHOOL ENROLLMENT AND TYPE OF SCHOOL													
Persons 3 years old and over enrolled in school	774	1 442	854	1 106	1 810	1 435	1 579	1 121	819	1 457	1 155	856	975
Nursery school	31	55	15	59	72	59	62	29	12	86	39	50	46
Private	4	32	8	11	—	32	15	3	—	15	6	21	26
Kindergarten	36	89	35	29	151	73	113	73	43	84	97	60	68
Private	—	5	—	—	6	7	2	2	—	—	4	7	—
Elementary (1 to 8 years)	390	690	386	429	887	681	814	603	455	732	586	425	515
Private	23	24	35	89	92	126	95	37	17	49	81	53	28
High school (1 to 4 years)	230	460	317	304	508	429	446	349	223	385	283	248	270
Private	7	23	21	82	46	47	22	16	5	4	20	—	—
College	87	148	101	285	192	193	144	67	86	170	150	73	76
YEARS OF SCHOOL COMPLETED													
Persons 25 years old and over	1 270	3 207	1 829	2 664	3 435	2 472	2 587	1 896	1 455	2 433	2 112	1 708	1 680
Elementary: 0 to 4 years	12	36	29	38	12	12	8	25	30	28	25	16	23
5 to 7 years	59	148	114	76	110	47	117	94	81	114	80	96	64
8 years	103	484	226	203	350	228	386	260	218	355	231	158	116
High school: 1 to 3 years	280	609	483	411	561	416	467	406	275	495	427	337	255
4 years	594	1 356	698	1 050	1 534	1 093	1 133	806	623	1 016	905	719	719
College: 1 to 3 years	138	411	224	456	541	414	303	200	175	313	308	270	271
4 or more years	84	163	55	430	327	262	173	105	53	112	136	112	232
Percent high school graduates	64.3	60.2	53.4	72.7	69.9	71.6	62.2	58.6	58.5	59.2	63.9	64.5	72.7
FERTILITY													
Women 35 to 44 years	162	289	176	213	406	317	299	229	160	253	232	182	202
Children ever born	579	910	526	508	1 175	908	1 019	823	422	755	770	568	574
Per 1,000 women	3 574	3 149	2 989	2 385	2 894	2 864	3 408	3 594	2 638	2 984	3 319	3 121	2 842
RESIDENCE IN 1975													
Persons 5 years and over	2 185	5 027	2 989	3 865	5 783	4 054	4 472	3 343	2 684	4 018	3 734	2 803	2 828
Same house	1 408	3 184	1 983	2 409	3 908	2 345	3 053	2 175	1 827	2 395	2 279	1 784	1 694
Different house in United States	777	1 789	1 006	1 456	1 875	1 703	1 415	1 163	840	1 610	1 426	1 019	1 134
Central city of this SMSA	293	994	647	763	957	562	413	190	306	561	412	314	249
Remainder of this SMSA	270	334	290	249	538	302	744	438	406	575	549	465	600
Outside this SMSA	214	461	69	444	380	839	258	535	128	474	465	240	285
Different SMSA	214	379	48	313	320	701	202	345	69	340	252	179	241
Not in an SMSA	—	82	21	131	60	138	56	190	59	134	213	61	44
Abroad	—	54	—	—	—	6	4	5	17	13	29	—	—
JOURNEY TO WORK													
Workers 16 years and over	957	2 021	1 290	1 847	2 741	1 832	1 872	1 301	1 035	1 560	1 506	1 329	1 181
Private vehicle: Drive alone	756	1 463	1 018	1 518	2 275	1 476	1 343	835	724	1 223	1 035	981	902
Carpool	157	429	206	220	383	271	397	327	254	289	382	254	227
Public transportation	10	30	21	—	—	—	5	4	—	6	2	10	13
Bus or streetcar	10	22	21	—	—	—	5	4	—	—	—	10	8
Subway, elevated train, or railroad	—	—	—	—	—	—	—	—	—	—	—	—	5
Walked only	12	47	22	85	36	50	55	61	25	29	33	27	—
Other means	—	8	23	5	6	12	16	20	16	—	12	26	21
Worked at home	22	44	—	19	41	23	56	54	16	13	42	31	18
Persons per private vehicle	1.11	1.14	1.11	1.07	1.08	1.09	1.15	1.20	1.17	1.12	1.18	1.13	1.13
Mean travel time to work	18.3	15.7	14.3	13.6	15.2	19.1	21.8	25.0	19.3	21.5	24.3	22.8	23.2
Worked in SMSA of residence	781	1 892	1 012	1 604	2 319	1 231	1 318	675	1 003	1 304	1 140	1 144	1 055
Muskegon city—central business district	12	152	40	56	77	32	28	7	32	71	42	62	90
Remainder of Muskegon city	359	837	575	1 044	1 104	569	385	184	501	617	500	484	349
Muskegon Heights city	86	132	172	162	286	108	176	33	56	157	81	54	75
Norton Shores city	48	216	17	98	330	84	111	33	87	87	92	121	71
Remainder of Muskegon County	276	555	208	244	522	438	618	418	327	363	415	423	470
Oceano County	—	—	—	—	—	—	—	—	9	10	—	—	—
Worked outside SMSA of residence	99	194	109	152	334	599	479	513	80	141	252	104	49
Grand Rapids city	20	16	10	32	15	58	133	154	21	13	10	25	—
Remainder of Kent County	—	25	—	9	—	—	54	239	8	13	—	10	—
Holland city (pt.)	—	—	9	—	—	—	—	—	—	9	11	—	—
Grand Haven city	38	90	77	75	176	296	77	10	42	20	22	23	—
Remainder of Ottawa County	26	42	13	36	143	230	179	9	9	40	19	12	21
Newaygo County	—	—	—	—	—	15	4	87	—	13	145	—	—
Mason County	—	—	—	—	—	—	—	—	—	—	—	—	—
Worked elsewhere	15	21	—	—	—	—	32	14	—	33	45	34	28
Place of work not reported	105	61	108	193	105	80	93	78	60	29	65	109	132

Table P-9. Social Characteristics of Persons: 1980—Con.

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

Census Tracts	Remainder of Muskegon County—Con.					Totals for split tracts in Muskegon County			Oceano County				
	Tract 0036	Tract 0037	Tract 0038	Tract 0039	Tract 0040	Tract 0001	Tract 0004	Tract 0018	Tract 0101	Tract 0102	Tract 0103	Tract 0104	Tract 0105
NATIVITY AND PLACE OF BIRTH													
Total persons	3 597	5 059	3 360	1 501	813	4 506	7 002	3 443	2 363	3 294	5 872	3 689	6 784
Native	3 575	4 936	3 315	1 486	811	4 402	6 877	3 403	2 309	3 269	5 778	3 615	6 688
Born in State of residence	3 050	3 745	2 567	1 264	700	3 272	5 533	2 874	1 873	2 689	4 851	2 938	5 697
Born in different State	514	1 164	748	222	109	1 113	1 337	529	430	571	904	667	975
Born abroad, at sea, etc.	11	27	—	—	2	17	7	—	6	9	23	10	16
Foreign born	22	123	45	15	2	104	125	40	54	25	94	74	96
LANGUAGE SPOKEN AT HOME AND ABILITY TO SPEAK ENGLISH													
Persons 5 to 17 years	1 050	1 134	774	393	228	791	1 274	909	467	821	1 443	797	1 801
Speak a language other than English at home	31	15	36	7	—	20	45	6	7	31	127	74	63
Percent who speak English not well or not at all	—	—	36.1	28.6	—	30.0	—	—	42.9	22.6	4.7	12.2	19.0
Persons 18 years and over	2 214	3 624	2 338	993	535	3 306	5 230	2 227	1 723	2 204	3 905	2 670	4 364
Speak a language other than English at home	61	96	61	23	16	133	195	43	86	86	244	162	192
Percent who speak English not well or not at all	3.3	13.5	—	—	—	20.3	29.7	14.0	7.0	16.3	16.0	9.9	13.0
SCHOOL ENROLLMENT AND TYPE OF SCHOOL													
Persons 3 years old and over enrolled in school ..	1 227	1 380	927	442	258	1 225	1 871	1 139	576	931	1 645	893	1 957
Nursery school	37	69	18	10	9	51	76	35	22	38	57	16	65
Private	10	47	12	7	2	21	61	32	3	8	18	9	11
Kindergarten	102	35	37	27	12	45	123	72	27	52	104	54	98
Private	5	—	—	—	—	12	27	—	—	—	6	—	6
Elementary (1 to 8 years)	678	718	460	277	143	502	835	533	263	492	870	491	1 126
Private	22	91	107	59	11	48	131	—	2	4	53	—	37
High school (1 to 4 years)	312	355	309	101	79	219	386	338	201	299	500	255	555
Private	11	32	29	2	8	11	59	6	2	2	16	—	5
College	98	203	103	27	15	408	451	161	63	50	114	77	113
YEARS OF SCHOOL COMPLETED													
Persons 25 years old and over	1 899	3 047	1 941	870	464	2 348	4 109	1 884	1 485	1 869	3 242	2 264	3 682
Elementary: 0 to 4 years	24	8	26	12	3	117	76	31	13	23	75	135	56
5 to 7 years	116	102	22	34	24	161	230	52	52	52	158	151	222
8 years	207	227	120	101	42	283	510	81	183	190	372	230	550
High school: 1 to 3 years	418	408	229	124	85	396	913	276	258	273	504	351	712
4 years	766	1 240	893	379	198	816	1 647	947	535	827	1 388	844	1 545
College: 1 to 3 years	294	605	362	156	70	408	564	335	231	299	468	291	396
4 or more years	74	457	289	64	42	167	169	162	213	205	277	262	201
Percent high school graduates	59.7	75.5	79.5	68.9	66.8	59.2	57.9	76.6	65.9	71.2	65.8	61.7	58.2
FERTILITY													
Women 35 to 44 years	207	283	204	97	54	188	260	216	97	195	337	194	424
Children ever born	659	762	665	254	176	453	778	707	342	573	1 147	559	1 434
Per 1,000 women	3 184	2 693	3 260	2 619	3 259	2 410	2 992	3 273	3 526	2 938	3 404	2 881	3 382
RESIDENCE IN 1975													
Persons 5 years and over	3 249	4 657	3 196	1 379	800	4 127	6 600	3 058	2 216	2 965	5 355	3 425	6 137
Same house	2 158	2 593	1 808	853	412	1 817	4 001	2 057	1 232	1 904	3 365	2 081	3 679
Different house in United States	1 061	2 039	1 379	516	388	2 270	2 474	1 001	967	1 052	1 945	1 344	2 454
Central city of this SMSA	329	435	83	78	83	1 076	1 195	336	26	96	84	46	200
Remainder of this SMSA	581	985	842	327	180	543	263	485	502	630	1 306	894	1 538
Outside this SMSA	151	619	454	111	125	651	1 016	180	439	326	555	404	716
Different SMSA	77	394	339	100	84	406	824	112	327	268	454	259	377
Not in an SMSA	74	225	115	11	41	245	192	68	112	58	101	145	379
Abroad	30	25	9	10	—	40	125	—	17	9	45	—	4
JOURNEY TO WORK													
Workers 16 years and over	1 057	1 990	1 401	541	303	1 655	2 131	1 402	753	1 104	2 046	1 245	2 069
Private vehicle: Drive alone	776	1 434	1 021	389	194	1 196	1 642	981	457	718	1 236	704	1 194
Carpool	222	410	240	130	85	331	339	316	139	221	511	235	620
Public transportation	1	4	—	—	—	65	11	—	—	—	2	2	—
Bus or streetcar	1	4	—	—	—	65	11	—	—	—	2	2	—
Subway, elevated train, or railroad	—	—	—	—	—	—	—	—	—	—	—	—	—
Walked only	43	89	88	10	20	38	61	41	82	59	167	194	102
Other means	7	23	17	3	—	25	44	12	29	6	45	36	23
Worked at home	8	30	35	9	4	—	34	52	46	100	85	74	130
Persons per private vehicle	1.15	1.14	1.12	1.16	1.21	1.14	1.11	1.15	1.17	1.16	1.21	1.18	1.27
Mean travel time to work	20.6	18.4	15.2	20.7	23.5	17.6	14.0	15.9	22.9	21.4	19.4	16.7	30.7
Worked in SMSA of residence	971	1 872	1 400	494	322	1 380	2 105	1 396	491	1 061	1 821	1 140	1 452
Muskegon city—central business district	8	73	12	8	10	30	200	144	—	4	11	5	33
Remainder of Muskegon city	333	462	191	98	142	850	1 048	643	33	102	195	50	221
Muskegon Heights city	107	85	46	10	10	157	220	88	11	9	39	15	44
Norton Shores city	60	108	32	22	11	99	208	121	—	8	21	10	72
Remainder of Muskegon County	449	1 086	1 077	329	146	244	429	400	36	205	470	93	255
Oceano County	14	58	42	27	3	—	—	—	411	733	1 085	967	827
Worked outside SMSA of residence	86	49	49	15	30	166	133	13	158	67	103	50	556
Grand Rapids city	12	—	13	—	—	—	10	—	—	10	9	4	16
Remainder of Kent County	—	—	—	—	4	—	—	—	—	—	—	—	4
Holland city (pt.)	—	7	9	6	—	12	—	—	—	—	6	—	4
Grand Haven city	—	—	—	—	—	82	62	—	4	9	3	—	6
Remainder of Ottawa County	4	12	4	5	6	62	51	13	4	—	8	—	16
Newaygo County	63	—	—	—	—	—	—	—	—	—	7	—	404
Mason County	—	—	5	—	5	—	—	—	146	32	19	23	69
Worked elsewhere	7	18	18	—	15	10	—	—	4	16	41	18	37
Place of work not reported	13	37	46	30	16	74	39	16	39	61	93	84	176

Table P-10. Labor Force and Disability Characteristics of Persons: 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]

Census Tracts	Muskegon County					Muskegon city, Muskegon County						
	The SMSA	Total	Muskegon city	Muskegon Heights city	Norton Shores city	Remainder	Oceana County	Tract 0001*	Tract 0002	Tract 0003	Tract 0004*	Tract 0005
LABOR FORCE STATUS												
Persons 16 years and over	131 782	115 932	30 743	10 194	16 717	58 278	15 850	3 341	828	2 784	5 344	4 560
Labor force	77 892	69 126	16 462	5 225	10 642	36 797	8 766	1 921	435	1 297	2 491	2 442
Percent of persons 16 years and over	59.1	59.6	53.5	51.3	63.7	63.1	55.3	57.5	52.5	46.6	46.6	53.6
Civilian labor force	77 824	69 066	16 443	5 225	10 637	36 761	8 758	1 908	435	1 287	2 485	2 442
Employed	69 035	61 518	14 604	4 270	9 678	32 966	7 517	1 678	373	1 089	2 216	2 112
Unemployed	8 789	7 548	1 839	955	959	3 795	1 241	230	62	208	269	330
Percent of civilian labor force	11.3	10.9	11.2	18.3	9.0	10.3	14.2	12.1	14.3	16.0	10.8	13.5
Female, 16 years and over	69 121	60 956	16 585	5 624	8 661	30 086	8 165	1 860	432	1 488	2 599	2 641
Labor force	32 779	29 319	7 595	2 387	4 263	15 074	3 460	893	191	661	1 138	1 156
Percent of female, 16 years and over	47.4	48.1	45.8	42.4	49.2	50.1	42.4	48.0	44.2	44.4	43.8	43.8
Civilian labor force	32 776	29 319	7 595	2 387	4 263	15 074	3 457	893	191	661	1 138	1 156
Employed	28 838	25 944	6 660	1 912	3 824	13 548	2 894	807	177	548	969	999
Unemployed	3 938	3 375	935	475	439	1 526	563	86	14	113	169	157
Percent of civilian labor force	12.0	11.5	12.3	19.9	10.3	10.1	16.3	9.6	7.3	17.1	14.9	13.6
With own children under 6 years	11 913	10 430	2 660	1 193	1 378	5 199	1 483	377	69	323	358	432
In labor force	5 395	4 781	1 128	547	651	2 455	614	209	22	137	137	167
Married, husband present	39 865	34 608	7 290	2 300	5 623	19 395	5 257	701	194	564	1 344	970
In labor force	19 231	16 841	3 506	975	2 646	9 375	2 390	384	105	290	616	447
Civilian persons 16 to 19 years	14 667	12 920	3 039	1 240	1 857	6 784	1 747	304	145	306	372	610
Not enrolled in school	3 660	3 179	825	332	333	1 689	481	142	20	84	79	146
Not high school graduate	1 515	1 297	423	146	105	623	218	48	16	47	43	107
Employed	445	385	140	29	37	179	60	18	11	22	7	48
Unemployed	337	280	71	37	26	146	57	11	—	—	6	6
Not in labor force	733	632	212	80	42	298	101	19	5	25	30	53
OCCUPATION AND SELECTED INDUSTRIES												
Employed persons 16 years and over	69 035	61 518	14 604	4 270	9 678	32 966	7 517	1 678	373	1 089	2 216	2 112
Managerial and professional specialty occupations	12 408	11 262	2 268	477	2 708	5 809	1 146	250	13	131	336	285
Executive, administrative, and managerial occupations	5 119	4 667	862	222	1 212	2 371	452	81	—	51	116	111
Professional specialty occupations	7 289	6 595	1 406	255	1 496	3 438	694	169	13	80	220	174
Technical, sales, and administrative support occupations	18 543	16 931	4 208	883	2 905	8 935	1 612	514	68	288	631	570
Technicians and related support occupations	1 959	1 754	446	95	292	921	205	49	—	37	50	67
Sales occupations	5 937	5 396	1 064	215	1 166	2 951	541	133	24	54	183	150
Administrative support occupations, including clerical	10 647	9 781	2 698	573	1 447	5 063	866	332	44	197	398	353
Service occupations	10 152	9 127	2 775	924	1 013	4 415	1 025	269	118	324	366	464
Private household occupations	447	411	115	31	20	245	36	11	—	11	13	34
Protective service occupations	843	772	261	61	91	359	71	24	—	27	42	23
Service occupations, except protective and household	8 862	7 944	2 399	832	902	3 811	918	234	118	286	311	407
Farming, forestry, and fishing occupations	1 350	658	105	22	56	475	62	11	6	—	15	10
Precision production, craft, and repair occupations	9 528	8 371	1 640	515	1 234	4 982	1 157	243	39	69	305	221
Operators, fabricators, and laborers	17 054	15 169	3 608	1 449	1 762	8 350	1 885	391	129	277	563	562
Machine operators, assemblers, and inspectors	11 014	9 900	2 402	1 056	1 176	5 266	1 114	249	60	206	392	364
Transportation and material moving occupations	2 982	2 557	534	199	323	1 501	425	68	24	26	75	99
Handlers, equipment cleaners, helpers, and laborers	3 058	2 712	672	194	263	1 583	346	74	45	45	96	99
Manufacturing	24 202	21 765	4 930	1 740	3 153	11 942	2 437	545	130	335	814	698
Wholesale and retail trade	13 416	12 191	2 938	659	1 948	6 646	1 225	388	50	195	366	440
Professional and related services	13 718	12 276	3 112	911	2 052	6 201	1 442	306	109	307	408	515
CLASS OF WORKER												
Private wage and salary workers	55 012	49 836	11 851	3 540	7 946	26 499	5 176	1 432	253	822	1 797	1 678
Government workers	9 917	8 575	2 209	649	1 217	4 500	1 342	207	109	246	327	359
Local government workers	7 079	6 097	1 499	487	973	3 138	982	124	71	156	170	251
Self-employed workers	3 799	2 909	520	74	482	1 833	890	39	6	14	92	68
LABOR FORCE STATUS IN 1979												
Persons 16 years and over, in labor force in 1979	86 285	76 084	18 737	5 695	11 696	39 956	10 201	2 129	498	1 540	3 042	2 794
Percent of persons 16 years and over	65.5	65.6	60.9	55.9	70.0	68.6	64.4	63.7	60.1	55.3	56.9	61.3
Worked in 1979	83 690	73 727	17 928	5 355	11 461	38 983	9 963	2 068	476	1 400	2 897	2 650
40 or more weeks	58 755	52 401	12 343	3 659	8 617	27 782	6 354	1 532	258	877	1 989	1 661
Usually worked 35 or more hours per week	49 623	44 178	10 411	3 080	7 096	23 591	5 445	1 390	190	721	1 688	1 425
50 to 52 weeks	47 508	42 476	9 707	2 765	7 113	22 891	5 032	1 207	194	665	1 575	1 298
Usually worked 35 or more hours per week	41 201	36 785	8 481	2 386	5 996	19 922	4 416	1 100	158	573	1 408	1 151
With unemployment in 1979	20 725	18 051	5 083	1 731	2 065	9 172	2 674	573	179	378	691	888
Percent of those in labor force in 1979	24.0	23.7	27.1	30.4	17.7	23.0	26.2	26.9	35.9	57.5	22.7	31.8
Unemployed 15 or more weeks	9 005	7 748	2 131	890	907	3 820	1 257	173	100	279	299	449
Mean weeks of unemployment	17.0	16.9	17.2	20.9	16.6	16.1	17.8	15.0	20.6	20.1	19.1	19.6
DISABILITY STATUS OF NONINSTITUTIONAL PERSONS												
Male, 16 to 64 years	53 420	46 989	10 919	3 851	7 127	25 092	6 431	1 154	351	1 073	1 693	1 600
With a work disability	6 524	5 692	1 713	737	472	2 770	832	134	77	234	268	306
Not in labor force	3 392	2 940	929	494	207	1 310	452	60	60	182	174	128
Prevented from working	2 950	2 554	793	466	183	1 112	396	51	53	162	142	107
Female, 16 to 64 years	57 370	50 753	12 680	4 572	7 537	25 964	6 617	1 321	383	1 171	1 977	2 078
With a work disability	6 187	5 499	1 571	764	600	2 564	688	193	51	179	251	338
Not in labor force	4 467	3 936	1 111	569	423	1 833	531	147	44	131	178	239
Prevented from working	3 532	3 120	919	535	243	1 423	412	132	38	113	124	196
Persons 16 to 64 years	110 790	97 742	23 599	8 423	14 664	51 056	13 048	2 475	734	2 244	3 670	3 678
With a public transportation disability	2 518	2 273	719	426	168	960	245	74	28	152	112	133
With a work disability	2 310	2 085	647	403	168	867	225	74	28	128	92	129
Persons 65 years and over	18 466	15 884	5 413	1 741	2 008	6 722	2 582	434	94	493	899	765
With a public transportation disability	2 747	2 465	865	419	228	953	282	77	6	81	141	185
WORKERS IN FAMILY IN 1979												
No workers	7 567	6 595	2 238	973	735	2 649	972	167	65	337	365	288
Mean family income	\$8 933	\$8 953	\$7 912	\$6 498	\$11 808	\$9 942	\$8 800	\$7 383	\$7 150	\$6 472	\$7 999	\$7 113
1 worker	15 461	13 582	3 336	1 377	2 011	6 858	1 879	289	121	268	530	544
Mean family income	\$17 027	\$17 148	\$14 371	\$12 437	\$23 010	\$17 725	\$16 157	\$13 722	\$12 414	\$11 443	\$15 301	\$12 751
2 workers	18 791	16 445	3 472	1 061	2 668	9 244	2 346	433	34	280	603	505
Mean family income	\$23 763	\$24 103	\$21 559	\$20 637	\$28 044	\$24 319	\$21 385	\$18 383	\$16 905	\$19 669	\$21 987	\$20 653
3 or more workers	6 011	5 283	1 029	263	849	3 142	728	47	69	99	163	148
Mean family income	\$31 535	\$32 041	\$29 190	\$29 759	\$36 774	\$31 887	\$27 858	\$30 157	\$20 924	\$25 859	\$34 159	\$28 692

Table P-10. Labor Force and Disability Characteristics of Persons: 1980—Con.

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

Census Tracts	Muskegon city, Muskegon County—Con.									Muskegon Heights city, Muskegon County		
	Tract 0006.01	Tract 0006.02	Tract 0007	Tract 0008	Tract 0009	Tract 0010	Tract 0010.99	Tract 0018 ^a	Tract 0021	Tract 0011	Tract 0012	Tract 0013
LABOR FORCE STATUS												
Persons 16 years and over	1 521	2 151	...	2 817	3 210	1 175	100	—	2 883	451	2 501	2 581
Labor force	921	891	...	1 726	1 915	804	14	—	1 582	202	1 377	1 079
Percent of persons 16 years and over	60.6	41.4	...	61.3	59.7	68.4	14.0	—	54.9	44.8	55.1	41.8
Civilian labor force	921	891	...	1 726	1 915	804	14	—	1 582	202	1 377	1 079
Employed	843	771	...	1 541	1 763	763	14	—	1 422	162	1 122	819
Unemployed	78	120	...	185	152	41	—	—	160	40	255	260
Percent of civilian labor force	8.5	13.5	...	10.7	7.9	5.1	—	—	10.1	19.8	18.5	24.1
Female, 16 years and over	787	1 249	...	1 537	1 707	604	—	—	1 671	258	1 357	1 428
Labor force	376	418	...	816	827	377	—	—	732	84	673	508
Percent of female, 16 years and over	47.8	33.5	...	53.1	48.4	62.4	—	—	43.8	32.6	49.6	35.6
Civilian labor force	376	418	...	816	827	377	—	—	732	84	673	508
Employed	342	365	...	704	754	350	—	—	639	69	546	367
Unemployed	34	53	...	112	73	27	—	—	93	15	127	141
Percent of civilian labor force	9.0	12.7	...	13.7	8.8	7.2	—	—	12.7	17.9	18.9	27.8
With own children under 6 years	96	215	...	250	185	60	—	—	295	38	254	331
In labor force	54	70	...	105	60	36	—	—	131	6	120	134
Married, husband present	372	250	...	776	965	394	—	—	760	90	505	529
In labor force	153	89	...	431	427	233	—	—	331	37	240	212
Civilian persons 16 to 19 years	150	231	...	281	286	117	14	—	223	63	365	386
Not enrolled in school	35	89	...	72	46	26	7	—	79	6	104	76
Not high school graduate	—	66	...	18	6	6	7	—	59	—	43	40
Employed	—	13	...	8	6	—	—	—	7	—	11	14
Unemployed	—	13	...	—	—	6	—	—	29	—	19	—
Not in labor force	—	40	...	10	—	—	7	—	23	—	13	26
OCCUPATION AND SELECTED INDUSTRIES												
Employed persons 16 years and over	843	771	...	1 541	1 763	763	14	—	1 422	162	1 122	819
Managerial and professional specialty occupations	148	81	...	265	266	200	—	—	287	—	122	27
Executive, administrative, and managerial occupations	63	10	...	81	99	88	—	—	156	—	58	13
Professional specialty occupations	85	71	...	184	167	112	—	—	131	—	64	14
Technical, sales, and administrative support occupations	211	140	...	451	579	318	—	—	438	28	225	146
Technicians and related support occupations	10	11	...	32	104	40	—	—	46	6	42	—
Sales occupations	48	28	...	91	134	122	—	—	97	6	34	41
Administrative support occupations, including clerical	153	101	...	328	341	156	—	—	295	16	149	105
Service occupations	206	190	...	283	270	78	6	—	188	46	220	227
Private household occupations	15	8	...	6	13	—	—	—	4	—	17	7
Protective service occupations	10	24	...	29	82	—	—	—	—	—	6	17
Service occupations, except protective and household	181	158	...	248	175	78	6	—	184	46	197	203
Farming, forestry, and fishing occupations	—	26	...	—	24	13	—	—	—	—	10	—
Precision production, craft, and repair occupations	121	56	...	193	188	76	—	—	129	12	114	95
Operators, fabricators, and laborers	157	278	...	349	436	78	8	—	380	76	431	324
Machine operators, assemblers, and inspectors	94	197	...	254	271	46	—	—	269	72	341	219
Transportation and material moving occupations	20	26	...	39	81	6	8	—	62	4	30	59
Handlers, equipment cleaners, helpers, and laborers	43	55	...	56	84	26	—	—	49	—	60	46
Manufacturing	279	292	...	505	631	182	—	—	519	77	498	387
Wholesale and retail trade	224	136	...	298	337	180	—	—	318	33	71	72
Professional and related services	173	153	...	352	309	201	6	—	273	18	287	174
CLASS OF WORKER												
Private wage and salary workers	744	602	...	1 292	1 476	554	8	—	1 187	157	863	717
Government workers	72	140	...	193	229	141	6	—	167	5	235	102
Local government workers	61	91	...	145	198	94	6	—	119	—	131	77
Self-employed workers	27	29	...	51	58	68	—	—	68	—	24	—
LABOR FORCE STATUS IN 1979												
Persons 16 years and over, in labor force in 1979	985	1 215	...	1 854	2 020	839	58	—	1 740	221	1 466	1 223
Percent of persons 16 years and over	64.8	56.5	...	65.8	62.9	71.4	58.0	—	60.4	49.0	58.6	47.4
Worked in 1979	946	1 101	...	1 801	1 992	826	58	—	1 690	198	1 333	1 124
40 or more weeks	681	611	...	1 327	1 570	628	14	—	1 181	141	849	706
Usually worked 35 or more hours per week	569	529	...	1 065	1 300	490	8	—	1 022	109	711	591
Usually worked 35 or more hours per week	543	464	...	979	1 319	503	—	—	954	98	648	524
50 to 52 weeks	458	407	...	830	1 141	415	—	—	834	72	559	465
Usually worked 35 or more hours per week	284	503	...	501	338	136	39	—	360	82	569	387
With unemployment in 1979	28.8	41.4	...	27.0	16.7	16.2	67.2	—	20.7	37.1	38.8	31.6
Unemployed 15 or more weeks	135	240	...	174	107	41	24	—	110	47	306	232
Mean weeks of unemployment	18.9	17.9	...	14.0	11.4	14.1	18.0	—	13.3	25.6	22.3	23.9
DISABILITY STATUS OF NONINSTITUTIONAL PERSONS												
Male, 16 to 64 years	604	599	...	1 047	1 220	478	94	—	993	175	1 007	948
With o work disability	104	147	...	105	108	64	20	—	138	35	268	203
Not in labor force	33	74	...	42	64	21	20	—	71	24	211	155
Prevented from working	33	56	...	33	58	21	6	—	71	24	203	150
Female, 16 to 64 years	597	892	...	1 189	1 363	504	—	—	1 199	209	1 200	1 185
With o work disability	97	144	...	82	100	—	—	—	136	26	230	239
Not in labor force	70	94	...	51	83	—	—	—	74	26	180	178
Prevented from working	46	75	...	43	78	—	—	—	74	26	167	168
Persons 16 to 64 years	1 201	1 491	...	2 236	2 583	982	94	—	2 192	384	2 207	2 133
With o public transportation disability	33	77	...	26	32	—	6	—	32	12	163	127
With o work disability	25	77	...	23	25	—	6	—	32	12	163	113
Persons 65 years and over	269	479	...	560	627	193	6	—	584	67	294	418
With o public transportation disability	30	99	...	86	46	11	—	—	93	25	136	107
WORKERS IN FAMILY IN 1979												
No workers	102	197	...	214	233	62	—	—	208	60	223	302
Mean family income	\$7 530	\$6 079	...	\$9 621	\$9 061	\$8 672	—	—	\$10 517	\$6 465	\$6 587	\$5 529
1 worker	156	270	...	276	380	116	—	—	386	65	321	373
Mean family income	\$15 310	\$10 330	...	\$16 271	\$18 243	\$19 373	—	—	\$14 282	\$9 938	\$11 321	\$13 902
2 workers	211	119	...	335	388	193	—	—	371	37	237	213
Mean family income	\$19 778	\$18 424	...	\$21 858	\$22 720	\$31 612	—	—	\$22 960	\$22 095	\$20 683	\$20 186
3 or more workers	62	25	...	107	153	69	—	—	87	6	110	49
Mean family income	\$22 918	\$34 585	...	\$29 166	\$31 986	\$33 518	—	—	\$25 151	\$21 445	\$33 033	\$25 804

Table P-10. Labor Force and Disability Characteristics of Persons: 1980—Con.

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

Census Tracts	Muskegon Heights city, Muskegon County—Con.		Norton Shores city, Muskegon County					Remainder of Muskegon County					
	Tract 0014.01	Tract 0014.02	Tract 0023	Tract 0024	Tract 0025	Tract 0026.01	Tract 0026.02	Tract 0001 ^a	Tract 0004 ^a	Tract 0015	Tract 0016	Tract 0017	Tract 0018 ^a
LABOR FORCE STATUS													
Persons 16 years and over	1 312	3 349	4 803	2 339	4 984	2 537	2 054	74	79	3 251	1 551	3 061	2 410
Labor force	642	1 925	3 312	1 417	3 142	1 500	1 271	37	48	1 791	1 048	2 155	1 618
Percent of persons 16 years and over	48.9	57.5	69.0	60.6	63.0	59.1	61.9	50.0	60.8	55.1	67.6	70.4	67.1
Civilian labor force	642	1 925	3 312	1 417	3 137	1 500	1 271	37	48	1 786	1 040	2 155	1 618
Employed	541	1 626	3 076	1 299	2 910	1 237	1 156	30	40	1 726	960	1 991	1 451
Unemployed	101	299	236	118	227	263	115	7	8	60	80	164	167
Percent of civilian labor force	15.7	15.5	7.1	8.3	7.2	17.5	9.0	18.9	16.7	3.4	7.7	7.6	10.3
Female, 16 years and over	779	1 802	2 447	1 228	2 549	1 411	1 026	40	44	1 774	770	1 546	1 198
Labor force	306	816	1 342	558	1 217	650	496	9	16	701	409	847	681
Percent of female, 16 years and over	39.3	45.3	54.8	45.4	47.7	46.1	48.3	22.5	36.4	39.5	53.1	54.8	56.8
Civilian labor force	306	816	1 342	558	1 217	650	496	9	16	701	409	847	681
Employed	258	672	1 231	485	1 134	529	445	9	12	674	384	781	623
Unemployed	48	144	111	73	83	121	51	—	4	27	25	66	58
Percent of civilian labor force	15.7	17.6	8.3	13.1	6.8	18.6	10.3	—	25.0	3.9	6.1	7.8	8.5
With own children under 6 years	172	398	326	142	488	256	166	—	20	189	151	282	271
In labor force	97	190	181	54	216	130	70	—	—	107	76	145	140
Married, husband present	282	894	1 652	733	1 859	745	634	14	19	1 044	563	1 150	814
In labor force	117	369	888	263	883	329	283	—	4	468	280	605	472
Civilian persons 16 to 19 years	131	295	624	262	543	235	193	7	16	322	147	343	308
Not enrolled in school	41	105	52	31	75	125	50	—	12	29	33	117	65
Not high school graduate	28	35	15	14	16	45	15	—	12	16	11	37	23
Employed	—	4	9	—	8	14	6	—	—	16	—	8	—
Unemployed	6	12	6	5	8	7	—	—	4	—	—	13	6
Not in labor force	22	19	—	9	—	24	9	—	8	—	11	16	17
OCCUPATION AND SELECTED INDUSTRIES													
Employed persons 16 years and over	541	1 626	3 076	1 299	2 910	1 237	1 156	30	40	1 726	960	1 991	1 451
Managerial and professional specialty occupations	101	227	996	452	927	156	177	9	4	774	206	470	248
Executive, administrative, and managerial occupations	38	113	512	164	401	65	70	—	—	346	70	193	87
Professional specialty occupations	63	114	484	288	526	91	107	9	4	428	136	277	161
Technical, sales, and administrative support occupations	113	371	1 049	423	934	268	231	7	4	477	245	684	414
Technicians and related support occupations	17	30	99	26	97	42	28	—	—	34	6	75	29
Sales occupations	26	108	453	230	294	92	97	—	—	200	94	258	117
Administrative support occupations, including clerical	70	233	497	167	543	134	106	7	4	243	145	351	268
Service occupations	108	323	301	130	252	178	152	8	4	135	163	209	157
Private household occupations	—	7	9	—	7	4	—	—	—	12	7	21	6
Protective service occupations	—	38	49	11	6	10	15	—	—	16	11	36	21
Service occupations, except protective and household	108	278	243	119	239	164	137	8	4	107	145	152	130
Farming, forestry, and fishing occupations	—	12	7	13	9	6	21	—	—	6	6	—	—
Precision production, craft, and repair occupations	59	235	324	126	377	228	179	6	10	156	111	265	271
Operators, fabricators, and laborers	160	458	399	155	411	401	396	—	18	178	229	363	361
Machine operators, assemblers, and inspectors	116	308	267	104	258	276	271	—	11	95	120	218	254
Transportation and material moving occupations	20	86	71	32	77	73	70	—	—	47	64	77	45
Handlers, equipment cleaners, helpers, and laborers	24	64	61	19	76	52	55	—	7	36	45	68	62
Manufacturing	189	589	938	322	855	589	449	6	23	425	279	610	532
Wholesale and retail trade	78	405	692	297	488	245	226	—	—	429	237	418	269
Professional and related services	144	288	671	312	747	145	177	24	8	523	198	370	323
CLASS OF WORKER													
Private wage and salary workers	400	1 403	2 429	1 065	2 328	1 116	1 008	22	32	1 209	742	1 597	1 115
Government workers	100	207	438	161	418	95	105	8	8	333	162	242	235
Local government workers	90	189	340	136	358	50	89	—	8	277	134	175	149
Self-employed workers	41	9	196	59	158	26	43	—	—	164	56	152	89
LABOR FORCE STATUS IN 1979													
Persons 16 years and over, in labor force in 1979	736	2 049	3 533	1 558	3 552	1 647	1 406	49	58	2 020	1 139	2 250	1 719
Percent of persons 16 years and over	56.1	61.2	73.6	66.6	71.3	64.9	68.5	66.2	73.4	62.1	73.4	73.5	71.3
Worked in 1979	714	1 986	3 496	1 540	3 451	1 602	1 372	49	53	2 007	1 125	2 245	1 667
40 or more weeks	518	1 445	2 770	1 164	2 524	1 157	1 002	30	27	1 459	832	1 755	1 195
Usually worked 35 or more hours per week	471	1 198	2 221	931	2 107	995	842	30	23	1 225	697	1 405	1 070
50 to 52 weeks	376	1 119	2 394	938	2 090	906	785	30	27	1 221	660	1 411	1 044
Usually worked 35 or more hours per week	352	938	1 957	786	1 784	793	676	30	23	1 060	585	1 143	970
With unemployment in 1979	234	459	423	209	590	491	352	12	21	259	252	413	396
Percent of those in labor force in 1979	31.8	22.4	12.0	13.4	16.6	29.8	25.0	24.5	36.2	12.8	22.1	18.4	23.0
Unemployed 15 or more weeks	86	219	197	76	240	194	200	12	8	81	60	149	148
Mean weeks of unemployment	16.1	18.2	16.2	14.0	16.8	16.3	18.7	41.3	13.6	13.8	14.2	13.8	13.9
DISABILITY STATUS OF NONINSTITUTIONAL PERSONS													
Male, 16 to 64 years	440	1 281	2 181	956	2 164	969	857	28	35	1 199	721	1 391	1 119
With a work disability	47	184	121	45	124	105	77	—	—	86	65	128	81
Not in labor force	25	79	51	10	48	52	46	—	—	11	33	50	52
Prevented from working	21	68	46	10	42	48	37	—	—	11	33	42	46
Female, 16 to 64 years	580	1 398	2 215	1 019	2 242	1 145	916	28	41	1 286	717	1 391	1 105
With a work disability	96	173	80	54	180	179	107	11	5	87	35	78	73
Not in labor force	71	114	52	36	126	117	92	11	5	75	35	41	60
Prevented from working	71	103	21	31	45	82	64	11	—	69	35	19	54
Persons 16 to 64 years	1 020	2 679	4 396	1 975	4 406	2 114	1 773	56	76	2 485	1 438	2 782	2 224
With a public transportation disability	43	81	44	13	24	47	40	4	—	53	11	25	48
With a work disability	34	81	44	13	24	47	40	4	—	47	11	25	34
Persons 65 years and over	292	670	407	364	578	423	236	18	3	703	113	279	186
With a public transportation disability	92	59	17	25	56	93	37	—	—	133	13	53	28
WORKERS IN FAMILY IN 1979													
No workers	67	321	127	99	187	189	133	6	5	151	63	136	110
Mean family income	\$9 184	\$6 794	\$13 259	\$12 784	\$15 282	\$7 540	\$10 878	\$9 830	\$4 085	\$20 266	\$8 132	\$15 092	\$7 917
1 worker	204	414	521	315	576	361	238	17	4	391	147	322	289
Mean family income	\$13 600	\$11 799	\$22 870	\$31 946	\$24 979	\$15 004	\$18 869	\$22 255	\$4 860	\$29 077	\$19 105	\$23 429	\$17 846
2 workers	120	454	785	354	903	305	321	8	16	450	285	569	462
Mean family income	\$20 194	\$20 823	\$32 212	\$24 549	\$29 696	\$23 234	\$21 628	\$10 360	\$24 353	\$28 615	\$26 971	\$26 903	\$22 838
3 or more workers	39	59	305	82	285	94	83	—	—	168	120	203	117
Mean family income	\$30 427	\$27 343	\$39 451	\$37 540	\$36 196	\$29 184	\$36 765	—	—	\$38 041	\$30 513	\$27 608	\$34 513

Table P-10. Labor Force and Disability Characteristics of Persons: 1980—Con.

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

Census Tracts	Remainder of Muskegon County—Con.												
	Tract 0019.01	Tract 0019.02	Tract 0020	Tract 0022	Tract 0027	Tract 0028	Tract 0029	Tract 0030	Tract 0031	Tract 0032	Tract 0033	Tract 0034	Tract 0035
LABOR FORCE STATUS													
Persons 16 years and over	1 630	4 003	2 397	3 296	4 525	3 160	3 400	2 573	1 963	3 176	2 896	2 335	2 123
Labor force	1 141	2 294	1 532	1 997	3 192	2 079	2 131	1 551	1 215	1 917	1 878	1 508	1 454
Percent of persons 16 years and over	70.0	57.3	63.9	60.6	70.5	65.8	62.7	60.3	61.9	60.4	64.8	64.6	68.5
Civilian labor force	1 141	2 288	1 532	1 997	3 192	2 075	2 131	1 545	1 215	1 912	1 878	1 508	1 454
Employed	988	2 119	1 369	1 864	2 868	1 885	1 899	1 365	1 083	1 600	1 609	1 364	1 258
Unemployed	153	169	163	133	324	190	232	180	132	312	269	144	196
Percent of civilian labor force	13.4	7.4	10.6	6.7	10.2	9.2	10.9	11.7	10.9	16.3	14.3	9.5	13.5
Female, 16 years and over	831	2 263	1 217	1 809	2 308	1 592	1 687	1 285	997	1 652	1 442	1 154	1 056
Labor force	486	1 068	640	877	1 363	821	783	565	493	822	745	550	591
Percent of female, 16 years and over	58.5	47.2	52.6	48.5	59.1	51.6	46.4	44.0	49.4	49.8	51.7	47.7	56.0
Civilian labor force	486	1 068	640	877	1 363	821	783	565	493	822	745	550	591
Employed	432	977	584	778	1 220	739	714	504	447	677	647	494	529
Unemployed	54	91	56	99	143	82	69	61	46	145	98	56	62
Percent of civilian labor force	11.1	8.5	8.8	11.3	10.5	10.0	8.8	10.8	9.3	17.6	13.2	10.2	10.5
With own children under 6 years	156	349	188	156	428	199	276	259	182	312	308	323	245
In labor force	83	190	71	83	220	80	94	99	73	153	127	143	156
Married, husband present	582	1 117	805	1 020	1 620	1 113	1 124	872	623	991	931	805	721
In labor force	365	523	397	512	932	575	489	386	294	497	477	354	412
Civilian persons 16 to 19 years	212	375	272	337	577	377	467	375	246	362	344	246	238
Not enrolled in school	66	92	67	29	179	84	123	112	81	68	116	66	63
Not high school graduate	22	69	31	13	40	10	52	45	42	4	47	18	19
Employed	7	7	17	—	14	—	13	20	5	—	6	7	4
Unemployed	7	10	9	13	5	7	15	7	—	—	16	—	10
Not in labor force	15	52	5	—	21	3	24	18	37	4	25	11	5
OCCUPATION AND SELECTED INDUSTRIES													
Employed persons 16 years and over	988	2 119	1 369	1 864	2 868	1 885	1 899	1 365	1 083	1 600	1 609	1 364	1 258
Managerial and professional specialty occupations	108	297	156	505	440	302	244	131	84	142	195	193	220
Executive, administrative, and managerial occupations	58	102	81	238	153	119	79	66	44	55	86	81	84
Professional specialty occupations	50	195	75	267	287	183	165	65	40	87	109	112	136
Technical, sales, and administrative support occupations	259	621	369	705	849	533	368	252	225	472	382	324	337
Technicians and related support occupations	36	55	38	52	69	43	39	18	25	60	38	35	54
Sales occupations	73	186	67	281	262	182	109	87	78	151	95	99	98
Administrative support occupations, including clerical	150	380	264	372	518	308	220	147	122	261	249	190	185
Service occupations	132	402	207	234	422	200	242	159	194	228	179	193	154
Private household occupations	13	17	12	22	20	2	7	11	7	10	8	12	6
Protective service occupations	—	47	18	25	20	17	12	5	7	20	6	18	11
Service occupations, except protective and household	119	338	177	187	382	181	223	143	180	198	165	163	137
Farming, forestry, and fishing occupations	—	—	11	—	6	12	100	115	13	25	41	7	20
Precision production, craft, and repair occupations	196	236	172	127	467	291	364	262	161	212	274	266	252
Operators, fabricators, and laborers	293	563	454	293	684	547	581	446	406	521	538	381	275
Machine operators, assemblers, and inspectors	208	425	269	183	438	351	320	278	232	335	355	203	196
Transportation and material moving occupations	24	70	95	82	110	95	131	79	67	87	104	80	36
Handlers, equipment cleaners, helpers, and laborers	61	68	90	28	136	101	130	89	107	99	79	98	43
Manufacturing	389	841	650	493	1 127	682	723	520	451	571	671	556	399
Wholesale and retail trade	188	412	248	538	538	397	369	275	200	374	251	273	206
Professional and related services	177	407	176	356	601	356	290	184	140	277	275	169	271
CLASS OF WORKER													
Private wage and salary workers	803	1 729	1 174	1 489	2 447	1 603	1 532	1 075	899	1 347	1 263	1 115	990
Government workers	153	309	136	312	348	179	242	128	153	167	232	178	185
Local government workers	96	154	125	234	219	119	167	93	104	140	144	110	121
Self-employed workers	32	81	59	58	66	95	105	153	26	71	99	71	83
LABOR FORCE STATUS IN 1979													
Persons 16 years and over, in labor force in 1979	1 189	2 398	1 670	2 148	3 487	2 279	2 373	1 715	1 304	2 158	2 033	1 546	1 501
Percent of persons 16 years and over	72.9	59.9	69.7	65.2	77.1	72.1	69.8	66.7	66.4	67.9	70.2	66.2	70.7
Worked in 1979	1 179	2 336	1 598	2 091	3 407	2 210	2 315	1 677	1 274	2 065	1 951	1 533	1 482
40 or more weeks	836	1 657	1 139	1 631	2 444	1 622	1 571	1 143	966	1 343	1 341	1 142	1 054
Usually worked 35 or more hours per week	692	1 432	989	1 277	2 073	1 357	1 367	989	803	1 101	1 191	982	897
50 to 52 weeks	665	1 414	910	1 370	2 066	1 345	1 260	925	794	1 177	1 057	1 012	803
Usually worked 35 or more hours per week	594	1 240	804	1 100	1 780	1 164	1 119	811	677	986	951	875	716
With unemployment in 1979	319	576	476	314	791	513	611	419	275	651	579	278	399
Percent of those in labor force in 1979	26.8	24.0	28.5	14.6	22.7	22.5	25.7	25.0	21.1	30.2	28.5	18.0	26.6
Unemployed 15 or more weeks	135	269	173	146	286	163	236	204	135	368	248	125	178
Mean weeks of unemployment	15.0	16.7	16.3	17.1	14.7	15.1	15.7	18.1	19.1	19.1	17.7	14.1	15.2
DISABILITY STATUS OF NONINSTITUTIONAL PERSONS													
Male, 16 to 64 years	758	1 443	1 053	1 204	2 040	1 413	1 569	1 163	902	1 363	1 311	1 101	973
With a work disability	103	209	125	69	199	116	172	138	134	211	185	134	110
Not in labor force	36	60	60	41	74	47	86	80	85	132	80	62	51
Prevented from working	6	52	60	22	67	47	77	74	71	121	71	49	41
Female, 16 to 64 years	741	1 681	1 074	1 321	2 139	1 417	1 527	1 148	912	1 484	1 314	1 050	1 000
With a work disability	81	204	160	107	206	90	128	117	161	246	162	89	58
Not in labor force	63	136	112	56	150	54	96	95	107	173	102	77	49
Prevented from working	41	113	87	44	111	46	75	80	89	135	76	45	32
Persons 16 to 64 years	1 499	3 124	2 127	2 525	4 179	2 830	3 096	2 311	1 814	2 847	2 625	2 151	1 973
With a public transportation disability	36	51	28	26	37	38	44	55	77	106	67	45	35
With a work disability	29	51	28	20	37	25	36	55	71	100	57	39	28
Persons 65 years and over	131	666	270	701	346	330	304	262	149	329	271	184	150
With a public transportation disability	37	67	45	80	27	15	39	42	62	34	50	34	23
WORKERS IN FAMILY IN 1979													
No workers	56	219	130	169	158	130	139	89	83	140	122	80	84
Mean family income	\$7 047	\$7 821	\$9 189	\$12 018	\$8 431	\$10 518	\$7 925	\$8 550	\$7 750	\$9 286	\$7 300	\$7 483	\$11 319
1 worker	223	447	282	325	427	344	399	343	260	430	390	331	253
Mean family income	\$14 330	\$13 545	\$16 111	\$19 931	\$17 505	\$19 094	\$17 391	\$15 060	\$16 043	\$15 865	\$14 955	\$16 696	\$15 600
2 workers	319	554	338	431	743	527	524	363	315	502	475	363	399
Mean family income	\$22 761	\$22 109	\$22 522	\$27 870	\$23 888	\$27 925	\$22 128	\$22 792	\$20 680	\$20 823	\$21 479	\$24 040	\$26 331
3 or more workers	79	151	116	181	388	220	212	153	102	149	119	81	78
Mean family income	\$27 778	\$32 247	\$30 189	\$32 421	\$32 234	\$34 809	\$35 079	\$29 605	\$31 147	\$26 678	\$30 287	\$33 856	\$31 555

Table P-10. Labor Force and Disability Characteristics of Persons: 1980—Con.

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

Census Tracts	Remainder of Muskegon County—Con.					Totals for split tracts in Muskegon County			Oceana County				
	Tract 0036	Tract 0037	Tract 0038	Tract 0039	Tract 0040	Tract 0001	Tract 0004	Tract 0018	Tract 0101	Tract 0102	Tract 0103	Tract 0104	Tract 0105
LABOR FORCE STATUS													
Persons 16 years and over	2 353	3 858	2 523	1 054	587	3 415	5 423	2 410	1 807	2 359	4 200	2 826	4 658
Labor force	1 361	2 301	1 563	633	353	1 958	2 539	1 618	923	1 348	2 449	1 527	2 519
Percent of persons 16 years and over	57.8	59.6	62.0	60.1	60.1	57.3	46.8	67.1	51.1	57.1	58.3	54.0	54.1
Civilian labor force	1 361	2 301	1 563	631	353	1 945	2 533	1 618	923	1 345	2 449	1 524	2 517
Employed	1 121	2 080	1 427	558	311	1 708	2 536	1 451	789	1 143	2 113	1 318	2 154
Unemployed	240	221	136	73	42	237	277	167	134	202	336	206	363
Percent of civilian labor force	17.6	9.6	8.7	11.6	11.9	12.2	10.9	10.3	14.5	15.0	13.7	13.5	14.4
Female, 16 years and over	1 248	2 073	1 287	523	290	1 900	2 643	1 198	938	1 175	2 174	1 508	2 370
Labor force	598	997	634	241	137	902	1 154	681	370	517	975	648	950
Percent of female, 16 years and over	47.9	48.1	49.3	46.1	47.2	47.5	43.7	56.8	39.4	44.0	44.8	43.0	40.1
Civilian labor force	598	997	634	241	137	902	1 154	681	370	517	975	645	950
Employed	511	901	576	211	124	816	981	623	310	415	826	551	792
Unemployed	87	96	58	30	13	86	173	58	60	102	149	94	158
Percent of civilian labor force	14.5	9.6	9.1	12.4	9.5	9.5	15.0	8.5	16.2	19.7	15.3	14.6	16.6
With own children under 6 years	265	263	228	109	40	377	378	271	113	222	438	192	518
In labor force	119	144	94	47	11	209	137	140	40	88	195	106	185
Married, husband present	789	1 240	849	385	204	715	1 363	814	596	796	1 416	821	1 628
In labor force	366	620	417	175	94	384	620	472	239	386	690	415	660
Civilian persons 16 to 19 years	292	432	302	101	86	311	388	308	154	263	528	297	505
Not enrolled in school	71	132	43	24	17	142	91	65	34	59	150	92	146
Not high school graduate	39	52	12	—	9	48	55	23	14	26	76	50	52
Employed	21	30	5	—	6	18	7	—	5	8	17	10	20
Unemployed	12	7	—	—	—	11	10	6	4	2	26	14	11
Not in labor force	6	15	2	—	3	19	38	17	5	16	33	26	21
OCCUPATION AND SELECTED INDUSTRIES													
Employed persons 16 years and over	1 121	2 080	1 427	558	311	1 708	2 256	1 451	789	1 143	2 113	1 318	2 154
Managerial and professional specialty occupations	118	505	327	71	60	259	340	248	181	196	302	256	211
Executive, administrative, and managerial occupations	57	183	128	30	31	81	116	87	73	85	109	92	93
Professional specialty occupations	61	322	199	41	29	178	224	161	108	111	193	164	118
Technical, sales, and administrative support occupations	330	591	319	101	67	521	635	414	186	193	512	340	381
Technicians and related support occupations	32	106	38	29	10	49	50	29	11	23	59	47	65
Sales occupations	151	182	127	29	25	133	183	117	72	67	184	124	94
Administrative support occupations, including clerical	147	303	154	43	32	339	402	268	103	103	269	169	222
Service occupations	234	297	162	52	48	277	370	157	123	150	299	207	246
Private household occupations	3	22	20	7	—	11	13	6	2	5	10	11	8
Protective service occupations	26	24	12	2	5	24	42	21	14	15	17	14	11
Service occupations, except protective and household	205	251	130	43	43	242	315	130	107	130	272	182	227
Farming, forestry, and fishing occupations	—	33	28	52	—	11	15	—	56	158	121	108	249
Precision production, craft, and repair occupations	188	274	270	110	41	249	315	271	121	199	281	173	383
Operators, fabricators, and laborers	251	380	321	172	95	391	581	361	122	247	598	234	684
Machine operators, assemblers, and inspectors	140	259	212	116	48	249	403	254	76	157	382	92	407
Transportation and material moving occupations	69	43	65	17	14	68	75	45	29	54	124	80	138
Handlers, equipment cleaners, helpers, and laborers	42	78	44	39	33	74	103	62	17	36	92	62	139
Manufacturing	352	758	512	229	143	551	837	532	207	312	773	252	893
Wholesale and retail trade	308	343	228	94	51	388	366	269	155	142	399	253	276
Professional and related services	187	459	298	76	56	330	416	323	168	216	412	329	317
CLASS OF WORKER													
Private wage and salary workers	867	1 678	1 052	453	266	1 454	1 829	1 115	482	738	1 578	814	1 564
Government workers	198	298	210	53	31	215	335	235	174	224	314	330	300
Local government workers	96	238	168	43	24	124	178	149	111	166	247	232	226
Self-employed workers	56	104	157	48	8	39	92	89	121	160	198	155	256
LABOR FORCE STATUS IN 1979													
Persons 16 years and over, in labor force in 1979	1 502	2 632	1 700	703	383	2 178	3 100	1 719	1 069	1 600	2 839	1 761	2 932
Percent of persons 16 years and over	63.8	68.2	67.4	66.7	65.2	63.8	57.2	71.3	59.2	67.8	67.6	62.3	62.9
Worked in 1979	1 404	2 577	1 672	690	376	2 117	2 950	1 667	1 057	1 565	2 781	1 717	2 843
40 or more weeks	891	1 773	1 191	471	262	1 562	2 016	1 195	721	962	1 803	1 045	1 823
Usually worked 35 or more hours per week	773	1 540	1 037	412	229	1 420	1 711	1 070	604	793	1 529	877	1 642
50 to 52 weeks	741	1 466	947	355	191	1 237	1 602	1 044	580	744	1 441	804	1 463
Usually worked 35 or more hours per week	648	1 310	842	320	174	1 130	1 431	970	491	644	1 267	687	1 327
With unemployment in 1979	476	513	352	171	96	585	712	396	233	398	711	528	804
Percent of those in labor force in 1979	31.7	19.5	20.7	24.3	25.1	26.9	23.0	23.0	21.8	24.9	25.0	30.0	27.4
Unemployed 15 or more weeks	241	228	134	64	29	185	307	148	118	168	329	250	392
Mean weeks of unemployment	19.7	15.7	15.8	14.8	11.1	15.5	19.0	13.9	18.8	16.8	17.4	17.4	18.4
DISABILITY STATUS OF NONINSTITUTIONAL PERSONS													
Male, 16 to 64 years	977	1 520	1 062	466	281	1 182	1 728	1 119	695	1 016	1 748	1 029	1 943
With o work disability	156	156	109	50	34	134	268	81	84	115	206	138	289
Not in labor force	86	88	34	33	29	60	174	52	38	66	95	80	173
Prevented from working	68	67	27	31	29	51	142	46	28	55	82	75	156
Female, 16 to 64 years	1 130	1 617	1 117	456	268	1 349	2 018	1 105	709	980	1 813	1 107	2 008
With o work disability	158	165	74	42	27	204	256	73	54	84	168	133	249
Not in labor force	113	98	64	34	27	158	183	60	43	63	120	103	202
Prevented from working	104	71	46	17	23	143	124	54	29	34	98	93	158
Persons 16 to 64 years	2 107	3 137	2 179	922	549	2 531	3 746	2 224	1 404	1 996	3 561	2 136	3 951
With o public transportation disability	76	28	30	16	24	78	112	48	27	25	34	47	112
With o work disability	74	28	30	16	22	78	92	34	27	21	34	38	105
Persons 65 years and over	246	579	332	132	38	452	902	186	387	363	632	493	707
With o public transportation disability	35	82	34	15	5	77	141	28	42	31	70	52	87
WORKERS IN FAMILY IN 1979													
No workers	205	167	134	53	20	173	370	110	133	129	218	137	355
Mean family income	\$8 871	\$9 251	\$11 683	\$7 970	\$6 518	\$7 468	\$7 946	\$7 917	\$11 216	\$9 195	\$8 674	\$9 125	\$7 702
1 worker	332	397	255	154	96	306	534	289	225	259	452	311	632
Mean family income	\$15 221	\$18 674	\$18 748	\$16 707	\$18 193	\$14 196	\$15 223	\$17 846	\$16 935	\$15 337	\$16 544	\$18 714	\$14 682
2 workers	332	609	413	176	71	441	619	462	241	370	668	362	705
Mean family income	\$24 792	\$24 656	\$27 529	\$23 012	\$19 302	\$18 237	\$22 048	\$22 838	\$23 032	\$21 897	\$20 745	\$22 691	\$20 488
3 or more workers	97	211	129	39	29	47	163	117	60	118	239	139	172
Mean family income	\$24 466	\$34 263	\$33 117	\$32 890	\$27 998	\$30 157	\$34 159	\$34 513	\$32 846	\$26 366	\$27 868	\$27 386	\$27 511

Table P-11. Income and Poverty Status in 1979: 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]

Census Tracts	Muskegon County						Muskegon city, Muskegon County					
	The SMSA	Total	Muskegon city	Muskegon Heights city	Norton Shares city	Remainder	Oceana County	Tract 0001 ^a	Tract 0002	Tract 0003	Tract 0004 ^b	Tract 0005
INCOME IN 1979												
Households	62 055	54 609	15 212	5 148	7 734	26 515	7 446	1 810	355	1 402	2 157	2 295
Less than \$5,000	8 116	6 963	2 995	1 187	511	2 270	1 153	434	82	349	354	606
\$5,000 to \$7,499	5 681	4 872	1 747	694	405	2 026	809	164	37	254	209	199
\$7,500 to \$9,999	5 223	4 615	1 604	587	495	1 929	608	156	44	182	247	278
\$10,000 to \$14,999	10 109	8 733	2 812	896	1 012	4 013	1 376	439	75	222	286	472
\$15,000 to \$19,999	9 785	8 600	2 149	726	1 202	4 523	1 185	231	62	158	360	256
\$20,000 to \$24,999	8 212	7 272	1 724	388	1 159	4 001	940	190	28	110	334	208
\$25,000 to \$34,999	9 567	8 691	1 474	509	1 729	4 979	876	149	17	54	263	165
\$35,000 to \$49,999	3 947	3 606	555	139	793	2 119	341	44	5	73	92	78
\$50,000 or more	1 415	1 257	152	22	428	655	158	3	5	-	12	33
Median	\$15 919	\$16 167	\$12 405	\$10 523	\$20 906	\$18 330	\$14 157	\$11 573	\$10 954	\$8 846	\$14 658	\$10 597
Mean	\$18 014	\$18 215	\$14 410	\$13 014	\$23 276	\$19 931	\$16 543	\$12 963	\$12 751	\$11 858	\$15 871	\$13 416
Owner-occupied households	47 841	41 552	9 094	3 320	6 786	22 352	6 289	472	242	910	1 760	1 345
Median income	\$17 958	\$18 406	\$15 134	\$12 930	\$21 696	\$19 644	\$15 252	\$14 457	\$13 243	\$11 280	\$15 438	\$12 991
Mean income	\$19 880	\$20 249	\$17 049	\$14 970	\$24 127	\$21 158	\$17 445	\$16 734	\$14 425	\$14 086	\$16 584	\$16 418
Renter-occupied households	14 214	13 057	6 118	1 828	948	4 163	1 157	1 338	113	492	397	950
Median income	\$9 604	\$9 600	\$8 487	\$7 162	\$15 750	\$11 199	\$9 653	\$10 807	\$7 150	\$5 841	\$11 780	\$6 604
Mean income	\$11 732	\$11 740	\$10 487	\$9 461	\$17 184	\$13 343	\$11 635	\$11 807	\$9 166	\$7 736	\$12 710	\$9 165
Families	47 830	41 905	10 075	3 674	6 263	21 893	5 925	936	289	984	1 661	1 485
Median income	\$18 401	\$18 716	\$15 107	\$12 091	\$23 217	\$20 108	\$16 334	\$13 995	\$12 208	\$10 669	\$17 548	\$12 863
Mean income	\$20 216	\$20 465	\$16 927	\$14 472	\$25 706	\$21 600	\$18 458	\$15 572	\$13 790	\$13 531	\$17 974	\$15 934
Unrelated individuals 15 years and over	17 880	16 028	6 654	1 881	1 689	5 804	1 852	1 029	99	563	676	1 192
Median income	\$6 469	\$6 669	\$5 742	\$5 052	\$9 669	\$7 608	\$5 397	\$6 883	\$4 139	\$4 260	\$5 039	\$4 599
Mean income	\$8 543	\$8 650	\$7 503	\$7 268	\$11 240	\$9 659	\$7 620	\$8 671	\$5 653	\$5 847	\$6 883	\$6 280
Per capita income	\$6 268	\$6 358	\$5 507	\$4 583	\$8 211	\$6 605	\$5 627	\$5 425	\$3 823	\$4 147	\$5 349	\$4 992
INCOME TYPE IN 1979												
Households	62 055	54 609	15 212	5 148	7 734	26 515	7 446	1 810	355	1 402	2 157	2 295
With earnings	48 246	42 525	10 710	3 433	6 482	21 900	5 721	1 351	261	833	1 539	1 568
Mean earnings	\$18 885	\$19 125	\$15 515	\$14 529	\$23 484	\$20 321	\$17 100	\$14 666	\$12 400	\$13 331	\$17 278	\$14 725
With Social Security income	17 808	15 420	5 109	1 759	1 946	6 606	2 388	443	118	558	806	724
Mean Social Security income	\$4 363	\$4 390	\$4 301	\$4 260	\$4 534	\$4 451	\$4 185	\$4 096	\$3 739	\$3 767	\$4 376	\$4 183
With public assistance income	7 190	6 391	2 639	1 243	425	2 084	799	233	80	422	300	543
Mean public assistance income	\$3 056	\$3 108	\$3 074	\$3 334	\$2 543	\$3 132	\$2 640	\$2 203	\$4 503	\$3 067	\$3 020	\$3 559
MEAN FAMILY INCOME IN 1979 BY FAMILY TYPE												
Families	\$20 216	\$20 465	\$16 927	\$14 472	\$25 706	\$21 600	\$18 458	\$15 572	\$13 790	\$13 531	\$17 974	\$15 934
With own children under 18 years	\$20 188	\$20 261	\$15 830	\$13 229	\$26 081	\$21 849	\$19 668	\$15 145	\$13 517	\$12 612	\$17 592	\$14 102
Without own children under 18 years	\$20 250	\$20 707	\$18 143	\$16 028	\$25 323	\$21 284	\$17 043	\$16 247	\$14 144	\$14 896	\$18 328	\$18 392
Married-couple families	\$22 003	\$22 422	\$19 418	\$17 634	\$26 859	\$22 831	\$19 282	\$17 426	\$16 301	\$16 115	\$19 564	\$19 226
With own children under 18 years	\$23 057	\$23 385	\$20 144	\$18 983	\$27 807	\$23 699	\$20 991	\$18 225	\$18 998	\$16 961	\$20 595	\$19 578
Without own children under 18 years	\$20 873	\$21 399	\$18 787	\$16 510	\$25 936	\$21 782	\$17 355	\$16 365	\$13 717	\$15 225	\$18 743	\$18 915
Female householder, no husband present	\$10 377	\$10 388	\$9 554	\$8 957	\$14 045	\$11 251	\$10 232	\$9 143	\$9 117	\$9 182	\$10 970	\$8 747
With own children under 18 years	\$8 614	\$8 624	\$7 764	\$7 362	\$13 303	\$9 408	\$8 483	\$7 949	\$6 415	\$7 793	\$8 731	\$7 415
Without own children under 18 years	\$14 655	\$14 740	\$14 246	\$14 634	\$15 363	\$15 079	\$13 708	\$14 316	\$15 511	\$13 588	\$14 958	\$13 863
ALL INCOME LEVELS IN 1979												
Families	47 830	41 905	10 075	3 674	6 263	21 893	5 925	936	289	984	1 661	1 485
Householder worked in 1979	36 844	32 310	6 976	2 244	5 203	17 887	4 534	733	164	517	1 167	1 078
With related children under 18 years	26 851	23 575	5 548	2 260	3 243	12 524	3 276	583	185	636	836	886
Female householder, no husband present	6 924	6 428	2 430	1 281	542	2 175	496	208	101	363	267	460
Householder worked in 1979	4 048	3 756	1 366	644	377	1 369	292	131	49	159	152	276
With related children under 18 years	5 235	4 879	1 870	1 062	380	1 567	356	176	82	314	171	380
With related children under 6 years	2 482	2 348	952	665	142	589	134	92	39	189	103	181
Householder 65 years and over	7 088	6 054	1 827	651	875	2 701	1 034	100	37	180	332	200
Unrelated individuals for whom poverty status is determined	17 802	15 950	6 576	1 881	1 689	5 804	1 852	1 029	99	563	676	1 114
65 years and over	6 333	5 504	2 268	645	539	2 052	829	267	34	195	334	402
Persons for whom poverty status is determined	176 487	154 729	38 806	14 485	21 945	79 493	21 758	3 905	1 179	4 018	6 096	6 093
Under 18 years	55 041	47 929	11 329	4 994	6 259	25 347	7 112	1 067	441	1 456	1 707	2 015
Related children under 18 years	54 746	47 693	11 233	4 947	6 248	25 265	7 053	1 067	430	1 433	1 707	2 007
Related children 5 to 17 years	40 709	35 453	7 819	3 550	4 821	19 263	5 256	665	317	1 001	1 242	1 385
18 to 59 years	94 564	83 527	20 060	6 969	12 487	44 011	11 037	2 280	587	1 883	3 156	3 104
60 years and over	26 882	23 273	7 417	2 522	3 199	10 135	3 609	558	151	679	1 233	974
65 years and over	18 466	15 884	5 413	1 741	2 008	6 722	2 582	434	94	493	899	765
INCOME IN 1979 BELOW POVERTY LEVEL												
Families	4 836	4 181	1 561	832	258	1 530	655	137	74	299	214	255
Percent below poverty level	10.1	10.0	15.5	22.6	4.1	7.0	11.1	14.6	25.6	30.4	12.9	17.2
Householder worked in 1979	2 233	1 858	560	296	131	871	375	57	28	77	81	93
With related children under 18 years	4 065	3 598	1 416	752	195	1 235	467	107	67	277	176	244
Female householder, no husband present	2 690	2 507	1 106	593	125	683	183	100	60	209	107	213
Householder worked in 1979	955	866	319	201	47	299	89	28	21	51	17	71
With related children under 18 years	2 572	2 397	1 071	582	113	631	175	92	60	203	101	213
With related children under 6 years	1 637	1 556	702	444	63	347	81	66	33	144	78	118
Householder 65 years and over	347	248	74	43	30	101	99	15	-	22	6	-
Unrelated individuals for whom poverty status is determined	4 300	3 748	1 809	566	239	1 134	552	276	40	238	207	340
Percent below poverty level	24.2	23.5	27.5	30.1	14.2	19.5	29.8	26.8	40.4	42.3	30.6	30.5
65 years and over	1 414	1 128	471	180	73	404	286	112	15	57	79	62
Persons for whom poverty status is determined	21 894	19 011	7 484	3 758	1 030	6 739	2 883	678	311	1 432	1 023	1 318
Percent below poverty level	12.4	12.3	19.3	25.9	4.7	8.5	13.3	17.4	26.4	35.6	16.8	21.6
Under 18 years	9 934	8 787	3 467	1 934	382	3 004	1 147	218	165	746	470	624
Related children under 18 years	9 679	8 583	3 377	1 902	371	2 933	1 096	218	154	723	470	616
Related children 5 to 17 years	6 538	5 770	2 245	1 205	267	2 053	768	145	115	476	322	432
18 to 59 years	9 327	8 151	3 204	1 494	481	2 972	1 176	298	124	558	432	596
60 years and over	2 633	2 073	813	330	167	763	560	162	22	128	121	98
65 years and over	1 928	1 479	573	242	114	550	449	127	15	85	85	62</

Table P-11. Income and Poverty Status in 1979: 1980—Con.

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

Census Tracts	Muskegon city, Muskegon County—Can.									Muskegon Heights city, Muskegon County		
	Tract 0006.01	Tract 0006.02	Tract 0007	Tract 0008	Tract 0009	Tract 0010	Tract 0010.99	Tract 0018*	Tract 0021	Tract 0011	Tract 0012	Tract 0013
INCOME IN 1979												
Households	788	1 240	21	1 433	1 583	569	—	—	1 559	253	1 142	1 187
Less than \$5,000	72	420	10	246	140	23	—	—	259	82	253	304
\$5,000 to \$7,499	76	226	5	138	188	38	—	—	213	37	188	196
\$7,500 to \$9,999	103	142	—	142	105	64	—	—	141	29	122	119
\$10,000 to \$14,999	176	203	6	280	243	77	—	—	333	30	177	204
\$15,000 to \$19,999	122	118	—	209	310	97	—	—	226	28	126	159
\$20,000 to \$24,999	131	68	—	157	279	65	—	—	154	12	91	97
\$25,000 to \$34,999	86	57	—	205	203	131	—	—	144	35	133	66
\$35,000 to \$49,999	22	—	—	46	103	49	—	—	43	—	43	29
\$50,000 or more	—	6	—	10	12	25	—	—	46	—	9	13
Median	\$14 052	\$7 212	\$5 250	\$12 928	\$16 422	\$19 396	—	—	\$12 463	\$8 147	\$10 213	\$9 464
Mean	\$15 206	\$9 664	\$5 826	\$15 274	\$17 430	\$22 553	—	—	\$14 865	\$11 027	\$13 574	\$12 407
Owner-occupied households	457	365	—	994	1 271	476	—	—	802	103	571	682
Median income	\$17 129	\$11 951	—	\$15 708	\$17 598	\$21 071	—	—	\$15 904	\$11 528	\$13 917	\$11 442
Mean income	\$17 876	\$14 063	—	\$17 264	\$18 529	\$24 070	—	—	\$17 582	\$14 652	\$16 375	\$13 960
Renter-occupied households	331	875	21	439	312	93	—	—	757	150	391	505
Median income	\$10 960	\$5 971	\$5 250	\$9 014	\$13 235	\$14 097	—	—	\$10 062	\$6 167	\$6 398	\$7 306
Mean income	\$11 520	\$7 829	\$5 826	\$10 767	\$12 953	\$14 790	—	—	\$11 985	\$8 538	\$8 196	\$10 310
Families	531	611	—	932	1 154	440	—	—	1 052	168	891	937
Median income	\$16 010	\$9 418	—	\$16 606	\$19 548	\$22 375	—	—	\$14 928	\$9 118	\$12 516	\$10 611
Mean income	\$16 479	\$11 528	—	\$18 232	\$19 716	\$25 452	—	—	\$17 497	\$11 786	\$15 307	\$13 254
Unrelated individuals 15 years and over	309	811	—	643	506	143	100	—	554	96	365	344
Median income	\$10 333	\$4 629	—	\$6 477	\$7 857	\$10 733	\$6 154	—	\$7 274	\$5 182	\$3 647	\$5 068
Mean income	\$10 515	\$6 124	—	\$7 579	\$9 628	\$11 342	\$6 126	—	\$8 451	\$8 435	\$5 309	\$6 361
Per capita income	\$6 262	\$4 107	—	\$6 060	\$6 876	\$9 002	\$5 725	—	\$6 191	\$4 606	\$4 007	\$3 879
INCOME TYPE IN 1979												
Households	788	1 240	21	1 433	1 583	569	—	—	1 559	253	1 142	1 187
With earnings	595	726	15	1 051	1 176	466	—	—	1 129	161	778	723
Mean earnings	\$13 904	\$10 188	\$5 050	\$15 765	\$18 942	\$22 691	—	—	\$15 210	\$12 721	\$14 789	\$14 076
With Social Security income	283	467	10	482	534	174	—	—	510	66	368	479
Mean Social Security income	\$4 823	\$4 153	\$1 923	\$4 453	\$4 763	\$4 087	—	—	\$4 581	\$5 478	\$4 568	\$4 306
With public assistance income	111	343	—	187	122	44	—	—	254	43	338	422
Mean public assistance income	\$2 642	\$2 968	—	\$2 949	\$2 767	\$2 887	—	—	\$3 060	\$2 606	\$3 231	\$3 717
MEAN FAMILY INCOME IN 1979 BY FAMILY TYPE												
Families	\$16 479	\$11 528	—	\$18 232	\$19 716	\$25 452	—	—	\$17 497	\$11 786	\$15 307	\$13 254
With own children under 18 years	\$18 030	\$9 911	—	\$17 293	\$19 940	\$26 408	—	—	\$15 526	\$8 003	\$14 177	\$12 370
Without own children under 18 years	\$15 130	\$14 853	—	\$19 040	\$19 501	\$24 844	—	—	\$19 268	\$15 948	\$17 138	\$14 500
Married-couple families	\$17 482	\$16 362	—	\$20 154	\$21 109	\$26 434	—	—	\$19 951	\$16 801	\$20 076	\$17 093
With own children under 18 years	\$21 637	\$15 887	—	\$21 130	\$22 536	\$27 353	—	—	\$19 540	\$11 761	\$20 987	\$20 293
Without own children under 18 years	\$14 520	\$17 660	—	\$19 419	\$19 868	\$25 851	—	—	\$20 248	\$20 068	\$19 171	\$14 412
Female householder, no husband present	\$14 648	\$7 749	—	\$9 255	\$10 514	\$12 485	—	—	\$9 615	\$6 551	\$9 352	\$6 680
With own children under 18 years	\$12 781	\$6 536	—	\$5 525	\$9 420	\$19 355	—	—	\$6 781	\$6 096	\$8 392	\$8 509
Without own children under 18 years	\$17 759	\$11 463	—	\$16 371	\$13 327	\$8 507	—	—	\$15 175	\$7 392	\$15 274	\$16 725
ALL INCOME LEVELS IN 1979												
Families	531	611	—	932	1 154	440	—	—	1 052	168	891	937
Householder worked in 1979	389	352	—	642	850	338	—	—	746	85	561	472
With related children under 18 years	263	424	—	463	577	171	—	—	524	99	598	642
Female householder, no husband present	128	329	—	157	150	30	—	—	237	74	344	400
Householder worked in 1979	96	152	—	83	91	24	—	—	153	25	220	150
With related children under 18 years	80	257	—	116	112	11	—	—	171	48	311	341
With related children under 6 years	14	147	—	89	20	—	—	—	78	19	169	210
Householder 65 years and over	127	101	—	201	255	92	—	—	202	35	118	159
Unrelated individuals for whom poverty status is determined	309	811	—	643	506	143	100	—	554	96	365	344
65 years and over	69	305	—	202	172	45	6	—	227	12	111	134
Persons for whom poverty status is determined	1 834	2 843	—	3 646	4 024	1 418	100	—	3 621	602	3 864	3 758
Under 18 years	452	972	—	991	973	290	—	—	965	172	1 548	1 436
Related children under 18 years	443	943	—	975	973	290	—	—	965	172	1 532	1 436
Related children 5 to 17 years	298	631	—	665	733	229	—	—	653	120	1 152	1 062
18 to 59 years	978	1 243	—	1 897	2 129	826	94	—	1 870	309	1 827	1 677
60 years and over	404	628	—	758	922	302	6	—	786	121	489	645
65 years and over	269	479	—	560	627	193	6	—	584	67	294	418
INCOME IN 1979 BELOW POVERTY LEVEL												
Families	37	220	—	107	58	13	—	—	147	56	205	286
Percent below poverty level	7.0	36.0	—	11.5	5.0	3.0	—	—	14.0	33.3	23.0	30.5
Householder worked in 1979	4	93	—	39	12	—	—	—	76	26	80	65
With related children under 18 years	37	216	—	98	52	6	—	—	136	56	189	257
Female householder, no husband present	25	172	—	71	44	—	—	—	105	32	160	218
Householder worked in 1979	4	55	—	16	5	—	—	—	51	14	74	48
With related children under 18 years	25	168	—	71	38	—	—	—	100	32	154	218
With related children under 6 years	11	123	—	60	10	—	—	—	59	14	103	177
Householder 65 years and over	—	—	—	9	4	7	—	—	11	—	16	13
Unrelated individuals for whom poverty status is determined	58	291	—	127	75	9	35	—	102	29	178	89
Percent below poverty level	18.8	35.9	—	19.8	14.8	6.3	35.0	—	18.4	30.2	48.8	25.9
65 years and over	6	66	—	16	18	—	—	—	34	—	33	31
Persons for whom poverty status is determined	153	1 105	—	482	249	52	35	—	635	206	1 140	1 145
Percent below poverty level	8.3	38.9	—	13.2	6.2	3.7	35.0	—	17.5	34.2	29.5	30.5
Under 18 years	62	577	—	214	76	17	—	—	298	97	631	611
Related children under 18 years	53	548	—	204	76	17	—	—	298	97	611	611
Related children 5 to 17 years	32	310	—	131	66	17	—	—	199	57	411	369
18 to 59 years	85	414	—	229	119	22	35	—	287	109	436	454
60 years and over	6	114	—	39	54	13	—	—	50	—	73	80
65 years and over	6	66	—	32	31	13	—	—	45	—	49	57
INCOME IN 1979 BELOW SPECIFIED POVERTY LEVEL												
Percent of persons for whom poverty status is determined:												
Below 75 percent of poverty level	3.9	27.2	—	8.5	4.6	0.6	27.0	—	9.7	19.3	19.0	22.0
Below 125 percent of poverty level	12.4	48.4	—	17.6	9.5	6.1	48.0	—	22.6	42.7	35.2	40.3
Below 150 percent of poverty level	15.3	52.0	—	27.3	12.6	10.4	48.0	—	28.8	55.8	43.3	47.2
Below 200 percent of poverty level	34.8	66.4	—	38.2	22.9	18.9	85.0	—	39.6	60.0	54.9	65.4

Table P-11. Income and Poverty Status in 1979: 1980—Con.

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

Census Tracts	Muskegon Heights city, Muskegon County—Can.		Norton Shores city, Muskegon County					Remainder of Muskegon County					
	Tract 0014.01	Tract 0014.02	Tract 0023	Tract 0024	Tract 0025	Tract 0026.01	Tract 0026.02	Tract 0001*	Tract 0004*	Tract 0015	Tract 0016	Tract 0017	Tract 0018*
INCOME IN 1979													
Households	722	1 844	2 048	1 166	2 214	1 351	955	45	36	1 536	664	1 421	1 097
Less than \$5,000	210	338	64	59	103	223	62	—	4	101	28	83	69
\$5,000 to \$7,499	82	191	55	58	94	137	61	9	3	87	34	61	76
\$7,500 to \$9,999	101	216	124	73	100	121	77	15	—	78	60	48	58
\$10,000 to \$14,999	81	404	178	207	179	294	154	8	9	188	77	179	145
\$15,000 to \$19,999	101	312	291	149	284	245	233	—	4	200	121	196	229
\$20,000 to \$24,999	30	158	317	178	434	91	139	6	5	208	79	258	240
\$25,000 to \$34,999	105	170	541	292	579	162	155	—	11	328	157	402	192
\$35,000 to \$49,999	12	55	303	88	271	78	53	—	—	202	77	153	70
\$50,000 or more	—	—	175	62	170	—	21	—	—	144	31	41	18
Median	\$9 208	\$11 958	\$24 898	\$20 777	\$23 979	\$13 436	\$16 992	\$9 750	\$18 750	\$22 939	\$20 714	\$22 654	\$19 557
Mean	\$12 528	\$13 520	\$27 314	\$23 760	\$26 124	\$15 074	\$19 025	\$15 058	\$16 820	\$26 410	\$22 830	\$23 575	\$19 878
Owner-occupied households													
Households	369	1 415	1 917	773	2 074	1 178	844	28	23	1 256	616	1 288	928
Median income	\$17 379	\$12 509	\$24 665	\$24 482	\$24 375	\$13 978	\$17 365	\$9 583	\$22 250	\$24 813	\$21 786	\$23 575	\$20 053
Mean income	\$17 475	\$14 080	\$27 548	\$27 527	\$26 326	\$15 638	\$19 686	\$18 547	\$19 971	\$28 906	\$23 588	\$24 598	\$20 831
Renter-occupied households													
Households	353	429	131	393	140	173	111	17	13	280	48	133	169
Median income	\$5 625	\$10 120	\$26 027	\$15 469	\$17 273	\$9 427	\$15 050	\$9 861	\$11 250	\$12 500	\$9 844	\$12 050	\$13 393
Mean income	\$7 357	\$11 670	\$23 885	\$16 349	\$23 134	\$11 236	\$14 000	\$9 312	\$11 244	\$15 212	\$13 109	\$13 666	\$14 646
Families													
Households	430	1 248	1 738	850	1 951	949	775	31	25	1 160	615	1 230	978
Median income	\$14 236	\$12 605	\$26 361	\$24 028	\$25 181	\$16 038	\$17 894	\$11 719	\$21 750	\$25 607	\$22 173	\$23 860	\$20 451
Mean income	\$16 278	\$14 529	\$29 297	\$27 173	\$27 871	\$17 567	\$20 557	\$16 780	\$17 180	\$29 049	\$23 852	\$24 804	\$21 081
Unrelated individuals 15 years and over													
Households	353	723	361	351	285	458	234	22	23	505	55	220	137
Median income	\$4 211	\$8 572	\$12 910	\$12 016	\$8 821	\$6 364	\$8 800	\$8 353	\$6 643	\$8 781	\$8 450	\$9 364	\$9 125
Mean income	\$5 276	\$9 286	\$13 756	\$12 140	\$8 111	\$9 638	\$7 929	\$7 929	\$8 880	\$14 246	\$8 917	\$13 421	\$8 679
Per capita income	\$5 006	\$5 500	\$8 950	\$9 425	\$8 573	\$6 151	\$6 832	\$7 160	\$4 765	\$10 131	\$7 065	\$7 938	\$6 382
INCOME TYPE IN 1979													
Households	722	1 844	2 048	1 166	2 214	1 351	955	45	36	1 536	664	1 421	1 097
With earnings	472	1 299	1 813	960	1 902	1 026	781	34	33	1 191	592	1 201	945
Mean earnings	\$14 272	\$14 943	\$26 939	\$23 947	\$25 882	\$16 021	\$18 855	\$13 738	\$15 706	\$25 078	\$22 969	\$24 455	\$20 347
With Social Security income	259	587	416	354	516	415	245	11	3	520	128	252	199
Mean Social Security income	\$3 751	\$4 118	\$4 559	\$4 611	\$4 785	\$4 136	\$4 698	\$5 492	\$4 005	\$4 448	\$4 440	\$4 665	\$4 628
With public assistance income	142	298	53	31	60	223	58	12	13	55	31	25	66
Mean public assistance income	\$3 314	\$3 022	\$2 249	\$2 861	\$1 504	\$2 943	\$2 179	\$5 373	\$3 377	\$3 446	\$3 771	\$2 407	\$3 464
MEAN FAMILY INCOME IN 1979 BY FAMILY TYPE													
Families	\$16 278	\$14 529	\$29 297	\$27 173	\$27 871	\$17 567	\$20 557	\$16 780	\$17 180	\$29 049	\$23 852	\$24 804	\$21 081
With own children under 18 years	\$13 798	\$13 677	\$29 061	\$26 759	\$28 668	\$17 497	\$21 190	\$9 245	\$17 180	\$30 841	\$24 017	\$24 805	\$21 422
Without own children under 18 years	\$18 435	\$15 471	\$29 573	\$27 471	\$26 978	\$17 627	\$19 871	\$21 539	—	\$27 541	\$23 659	\$24 803	\$20 365
Married-couple families	\$17 768	\$16 632	\$29 991	\$29 335	\$28 537	\$18 998	\$21 232	\$13 110	\$20 454	\$30 691	\$24 901	\$24 989	\$22 567
With own children under 18 years	\$20 375	\$17 357	\$30 008	\$30 180	\$29 568	\$20 410	\$22 231	—	\$20 454	\$33 214	\$25 773	\$25 059	\$23 755
Without own children under 18 years	\$16 292	\$16 012	\$29 971	\$28 776	\$27 394	\$17 985	\$20 243	\$13 110	—	\$28 626	\$23 977	\$24 902	\$20 016
Female householder, no husband present	\$12 627	\$7 640	\$18 611	\$11 321	\$16 143	\$11 057	\$14 525	\$9 245	\$4 085	\$11 646	\$13 172	\$17 843	\$11 677
With own children under 18 years	\$8 417	\$6 967	\$18 474	\$10 848	\$15 370	\$8 889	\$16 295	\$9 245	\$4 085	\$9 483	\$12 255	\$17 613	\$9 532
Without own children under 18 years	\$23 988	\$9 610	\$18 831	\$12 223	\$17 577	\$14 966	\$11 340	—	—	\$14 084	\$16 458	\$18 410	\$17 772
ALL INCOME LEVELS IN 1979													
Families	430	1 248	1 738	850	1 951	949	775	31	25	1 160	615	1 230	978
Householder worked in 1979	312	814	1 547	686	1 674	680	616	25	16	955	518	1 064	791
With related children under 18 years	228	693	958	369	1 031	475	410	19	25	530	348	691	672
Female householder, no husband present	153	310	125	96	80	171	70	12	5	100	55	52	146
Householder worked in 1979	102	147	105	90	68	72	42	12	—	53	45	45	89
With related children under 18 years	116	246	82	69	52	132	45	12	—	53	43	37	108
With related children under 6 years	105	162	23	22	7	85	5	—	5	19	15	7	53
Householder 65 years and over	80	259	167	146	256	171	135	6	—	249	49	113	87
Unrelated individuals for whom poverty status is determined	353	723	361	351	285	458	234	22	23	505	55	220	137
65 years and over	160	228	105	124	136	144	30	5	3	241	29	65	32
Persons for whom poverty status is determined	1 759	4 502	6 307	2 895	6 758	3 355	2 630	98	131	3 961	2 130	4 197	3 439
Under 18 years	514	1 324	1 827	680	2 089	940	723	24	65	965	661	1 266	1 212
Related children under 18 years	306	1 301	1 827	680	2 084	934	723	24	65	959	661	1 266	1 205
Related children 5 to 17 years	344	872	1 448	549	1 621	654	549	24	62	760	491	961	902
18 to 59 years	860	2 296	3 672	1 661	3 803	1 849	1 502	56	63	2 074	1 268	2 466	1 915
60 years and over	385	882	808	554	866	566	405	18	3	922	201	465	312
65 years and over	292	670	407	364	578	423	236	18	3	703	113	279	186
INCOME IN 1979 BELOW POVERTY LEVEL													
Families	65	220	31	40	51	101	35	—	9	26	36	37	75
Percent below poverty level	15.1	17.6	1.8	4.7	2.6	10.6	4.5	—	36.0	2.2	5.9	3.0	7.7
Householder worked in 1979	39	86	31	34	30	17	19	—	—	26	23	29	35
With related children under 18 years	60	190	24	40	21	75	35	—	9	26	29	29	71
Female householder, no husband present	49	134	—	36	—	80	9	—	5	20	4	—	44
Householder worked in 1979	28	37	—	30	—	17	—	—	—	20	—	—	17
With related children under 18 years	49	129	—	36	—	68	9	—	5	20	4	—	44
With related children under 6 years	49	101	—	8	—	50	5	—	5	12	4	—	31
Householder 65 years and over	5	9	—	6	12	12	—	—	—	—	—	—	4
Unrelated individuals for whom poverty status is determined	127	143	36	29	28	88	58	—	4	56	5	26	32
Percent below poverty level	36.0	19.8	10.0	8.3	9.8	19.2	24.8	—	17.4	11.1	9.1	11.8	23.4
65 years and over	56	60	—	20	6	25	22	—	—	31	5	13	8
Persons for whom poverty status is determined	375	892	162	163	176	361	168	—	33	125	155	167	314
Percent below poverty level	21.3	19.8	2.6	5.6	2.6	10.8	6.4	—	25.2	3.2	7.3	4.0	9.1
Under 18 years	168	427	62	74	46	142	58	—	17	41	83	60	159
Related children under 18 years	160	419	62	74	41	136	58	—	17	35	83	60	152
Related children 5 to 17 years	109	259	52	62	29	85	39	—	—	23	53	45	98
18 to 59 years	132	363	86	63	89	162	81	—	16	47	67	94	138
60 years and over	75	102	14	26	41	57	29	—	—	37	5	13	17
65 years and over	61	75	—	26	23	43	22	—	—	31	5	13	12
INCOME IN 1979 BELOW SPECIFIED POVERTY LEVEL													
Percent of persons for whom poverty status is determined:													
Below 75 percent of poverty level	13.2	10.7	1.7	1.0	2.0	7.4	5.3	—	15.3	2.8	4.0	3.8	5.9
Below 125 percent of poverty level	28.5	27.5	3.3	8.3	4.9	16.6	9.2	—	25.2	7.2	11.3	4.7	10.2
Below 150 percent of poverty level	36.7	37.9	6.0	9.6	6.2	28.8	10.2	—	37.8	25.2	10.4	13.5	8.0
Below 2													

Table P-11. Income and Poverty Status in 1979: 1980—Con.

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

Census Tracts

Remainder of Muskegon County—Con.

INCOME IN 1979

	Tract 0019.01	Tract 0019.02	Tract 0020	Tract 0022	Tract 0027	Tract 0028	Tract 0029	Tract 0030	Tract 0031	Tract 0032	Tract 0033	Tract 0034	Tract 0035
Households	740	1 874	1 110	1 588	1 918	1 374	1 443	1 088	862	1 511	1 357	1 072	945
Less than \$5,000	77	270	91	120	113	66	131	107	60	178	163	114	25
\$5,000 to \$7,499	26	216	83	143	152	83	96	97	112	109	94	72	72
\$7,500 to \$9,999	45	234	74	81	96	96	78	61	59	128	117	80	76
\$10,000 to \$14,999	123	293	222	261	211	179	221	198	114	267	248	194	190
\$15,000 to \$19,999	132	327	213	242	333	210	294	187	176	352	255	153	153
\$20,000 to \$24,999	154	230	159	213	327	220	218	158	138	182	188	187	145
\$25,000 to \$34,999	147	204	192	364	418	291	252	183	158	222	216	170	163
\$35,000 to \$49,999	36	79	71	129	231	184	109	78	32	60	63	72	102
\$50,000 or more	—	21	5	35	37	45	44	19	13	13	13	30	19
Median	\$19 191	\$13 480	\$16 832	\$19 099	\$20 746	\$20 908	\$18 380	\$16 808	\$16 991	\$15 789	\$16 187	\$17 209	\$18 750
Mean	\$18 597	\$15 522	\$18 092	\$20 262	\$21 689	\$23 244	\$19 932	\$18 613	\$18 287	\$17 004	\$17 256	\$19 223	\$21 000

Owner-occupied households

Owner-occupied households	663	1 428	992	1 035	1 755	1 222	1 277	935	726	1 336	1 147	907	773
Median income	\$20 017	\$16 383	\$16 914	\$21 955	\$21 582	\$21 772	\$19 080	\$17 973	\$16 984	\$16 316	\$17 307	\$18 526	\$20 264
Mean income	\$19 615	\$17 394	\$18 404	\$22 743	\$22 515	\$24 394	\$20 731	\$19 465	\$18 708	\$17 715	\$18 233	\$20 154	\$22 236

Renter-occupied households

Renter-occupied households	77	446	118	553	163	152	166	153	136	175	210	165	172
Median income	\$7 404	\$7 079	\$15 000	\$12 238	\$11 023	\$13 646	\$12 875	\$11 458	\$17 031	\$10 679	\$11 481	\$9 023	\$13 750
Mean income	\$9 838	\$9 529	\$15 472	\$15 618	\$12 805	\$13 998	\$13 780	\$13 405	\$16 043	\$11 569	\$11 921	\$14 103	\$15 443

Families

Families	677	1 371	866	1 106	1 716	1 221	1 274	948	760	1 221	1 106	855	814
Median income	\$19 705	\$16 774	\$18 462	\$22 724	\$21 500	\$22 194	\$19 577	\$18 125	\$17 794	\$16 914	\$17 603	\$18 853	\$20 119
Mean income	\$19 269	\$18 151	\$19 460	\$23 860	\$22 764	\$24 824	\$21 250	\$19 757	\$19 086	\$18 469	\$18 562	\$20 578	\$21 947

Unrelated individuals 15 years and over

Unrelated individuals 15 years and over	81	596	312	504	282	183	203	211	141	365	345	275	184
Median income	\$10 167	\$5 079	\$9 250	\$10 000	\$7 514	\$6 967	\$5 912	\$6 441	\$7 591	\$6 974	\$6 523	\$9 776	\$10 333
Mean income	\$8 892	\$7 030	\$10 219	\$11 465	\$8 991	\$8 945	\$8 092	\$7 694	\$8 928	\$8 574	\$8 603	\$11 111	\$10 555

Per capita income

Per capita income	\$5 868	\$5 590	\$6 312	\$8 017	\$6 678	\$7 264	\$5 987	\$5 500	\$5 572	\$5 664	\$5 737	\$6 287	\$6 398
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INCOME TYPE IN 1979

Households	740	1 874	1 110	1 588	1 918	1 374	1 443	1 088	862	1 511	1 357	1 072	945
With earnings	659	1 338	911	1 224	1 674	1 168	1 224	945	736	1 221	1 146	920	838
Mean earnings	\$18 799	\$17 683	\$18 414	\$21 131	\$22 298	\$24 212	\$20 149	\$18 139	\$18 314	\$17 280	\$17 128	\$19 380	\$20 190
With Social Security income	140	603	296	575	359	280	337	246	213	452	319	211	172
Mean Social Security income	\$4 235	\$4 279	\$4 161	\$4 813	\$4 487	\$4 410	\$4 449	\$4 217	\$4 294	\$4 378	\$4 270	\$4 430	\$4 406
With public assistance income	94	190	124	45	95	83	123	80	76	229	136	131	93
Mean public assistance income	\$2 467	\$2 989	\$3 043	\$2 958	\$2 017	\$2 943	\$2 531	\$3 145	\$1 825	\$3 370	\$2 774	\$4 219	\$4 178

MEAN FAMILY INCOME IN 1979 BY FAMILY TYPE

Families	\$19 269	\$18 151	\$19 460	\$23 860	\$22 764	\$24 824	\$21 250	\$19 757	\$19 086	\$18 469	\$18 562	\$20 578	\$21 947
With own children under 18 years	\$20 418	\$18 534	\$18 947	\$26 020	\$22 179	\$26 038	\$22 042	\$20 134	\$18 509	\$18 799	\$18 137	\$20 555	\$22 977
Without own children under 18 years	\$17 356	\$17 690	\$19 963	\$22 437	\$23 552	\$23 410	\$20 076	\$19 158	\$19 885	\$18 067	\$19 146	\$20 619	\$20 316
Married-couple families	\$20 715	\$19 711	\$20 599	\$24 397	\$23 957	\$25 834	\$22 278	\$20 405	\$20 640	\$19 588	\$19 868	\$21 790	\$23 043
With own children under 18 years	\$22 124	\$21 356	\$21 227	\$27 059	\$23 777	\$27 401	\$23 649	\$20 908	\$20 491	\$20 224	\$19 917	\$22 362	\$24 560
Without own children under 18 years	\$18 205	\$18 053	\$20 048	\$22 560	\$24 188	\$24 081	\$20 241	\$19 581	\$20 835	\$18 786	\$19 806	\$20 819	\$20 662
Female householder, no husband present	\$7 873	\$10 422	\$13 018	\$16 197	\$11 082	\$11 821	\$11 276	\$12 286	\$8 177	\$11 902	\$10 155	\$7 919	\$14 011
With own children under 18 years	\$6 095	\$8 931	\$11 010	\$11 341	\$9 982	\$10 589	\$7 780	\$10 439	\$6 569	\$11 096	\$9 457	\$7 937	\$11 757
Without own children under 18 years	\$11 352	\$14 414	\$17 786	\$18 757	\$13 886	\$13 502	\$18 007	\$15 210	\$11 181	\$12 902	\$12 010	\$7 710	\$17 458

ALL INCOME LEVELS IN 1979

Families	677	1 371	866	1 106	1 716	1 221	1 274	948	760	1 221	1 106	855	814
Householder worked in 1979	582	1 082	691	859	1 491	1 043	1 051	780	610	993	903	709	666
With related children under 18 years	427	775	449	439	1 001	660	771	595	479	701	660	565	499
Female householder, no husband present	68	228	109	84	142	78	117	62	86	177	117	64	86
Householder worked in 1979	51	176	53	37	96	53	70	39	63	105	73	46	63
With related children under 18 years	45	192	80	29	105	48	79	42	75	108	87	59	52
With related children under 6 years	5	90	28	16	34	13	27	5	14	58	38	25	18
Householder 65 years and over	53	199	98	258	173	143	146	118	74	144	120	58	79
Unrelated individuals for whom poverty status is determined	81	596	312	504	282	183	203	211	141	365	345	275	184
65 years and over	30	288	95	276	71	71	83	68	32	128	80	72	14
Persons for whom poverty status is determined	2 346	5 089	3 209	3 945	6 251	4 374	4 823	3 674	2 809	4 488	4 063	3 260	3 063
Under 18 years	810	1 545	945	878	2 027	1 409	1 685	1 308	994	1 527	1 323	1 045	1 077
Related children under 18 years	810	1 528	945	878	2 023	1 409	1 679	1 301	994	1 523	1 318	1 034	1 072
Related children 5 to 17 years	641	1 190	713	717	1 525	1 111	1 339	993	733	1 132	949	699	814
18 to 59 years	1 366	2 633	1 855	2 107	3 653	2 487	2 623	1 951	1 506	2 446	2 325	1 940	1 705
60 years and over	170	911	409	960	577	478	515	415	309	515	415	275	281
65 years and over	131	666	270	701	346	330	304	262	149	329	271	184	150

INCOME IN 1979 BELOW POVERTY LEVEL

Families	67	119	64	22	107	34	95	97	67	126	104	85	55
Percent below poverty level	9.9	8.7	7.4	2.0	6.2	2.8	7.5	10.2	8.8	10.3	9.4	9.9	6.8
Householder worked in 1979	48	66	26	9	69	22	63	59	44	77	50	55	43
With related children under 18 years	48	85	40	9	94	28	69	75	61	93	84	79	49
Female householder, no husband present	30	83	23	6	51	8	47	14	39	52	35	30	29
Householder worked in 1979	19	51	—	—	25	2	18	3	29	27	8	12	22
With related children under 18 years	24	70	23	—	48	8	43	10	33	52	31	30	23
With related children under 6 years	5	44	16	—	6	2	24	4	14	33	20	25	12
Householder 65 years and over	6	13	—	7	3	6	2	13	4	12	11	—	—

Unrelated individuals for whom poverty status is determined

Unrelated individuals for whom poverty status is determined	30	177	47	56	26	39	57	61	29	51	94	43	22
Percent below poverty level	37.0	29.7	15.1	11.1	9.2	21.3	28.1	28.9	20.6	14.0	27.2	15.6	12.0
65 years and over	18	81	17	28	16	16	28	20	6	6	21	11	—

Persons for whom poverty status is determined

Persons for whom poverty status is determined	228	558	241	119	378	196	414	470	324	500	481	344	235
Percent below poverty level	9.7	11.0	7.5	3.0	6.0	4.5	8.6	12.8	11.5	11.1	11.8	10.6	7.7
Under 18 years	92	221	84	19	183	98	188	208	151	224	201	153	136
Related children under 18 years	92	204	84	19</									

Table P-11. Income and Poverty Status in 1979: 1980—Con.

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

Census Tracts	Remainder of Muskegon County—Con.					Totals for split tracts in Muskegon County			Oceana County				
	Tract 0036	Tract 0037	Tract 0038	Tract 0039	Tract 0040	Tract 0001	Tract 0004	Tract 0018	Tract 0101	Tract 0102	Tract 0103	Tract 0104	Tract 0105
INCOME IN 1979													
Households	1 115	1 826	1 154	481	258	1 855	2 193	1 097	910	1 096	1 942	1 281	2 217
Less than \$5,000	131	176	88	42	33	434	358	69	125	151	300	205	372
\$5,000 to \$7,499	140	107	93	49	12	173	212	76	120	105	189	164	231
\$7,500 to \$9,999	108	185	91	41	20	171	247	58	84	96	134	98	196
\$10,000 to \$14,999	164	266	133	63	60	447	295	145	176	165	362	224	449
\$15,000 to \$19,999	155	299	181	77	34	231	364	229	135	225	310	181	334
\$20,000 to \$24,999	176	228	165	84	33	196	339	240	73	148	241	174	304
\$25,000 to \$34,999	171	357	249	89	43	149	274	192	115	131	265	135	230
\$35,000 to \$49,999	51	145	119	27	22	51	92	70	57	58	90	66	70
\$50,000 or more	19	63	35	9	1	3	12	18	25	17	51	34	31
Median	\$15 525	\$18 193	\$19 688	\$17 928	\$15 526	\$11 507	\$14 706	\$19 557	\$13 214	\$15 674	\$14 797	\$13 921	\$13 378
Mean	\$16 915	\$19 957	\$21 169	\$18 450	\$17 673	\$13 014	\$15 887	\$19 878	\$16 875	\$16 904	\$17 004	\$17 147	\$15 474
Owner-occupied households	932	1 461	948	445	231	500	1 783	928	729	961	1 634	996	1 969
Median income	\$17 063	\$20 037	\$21 494	\$18 924	\$16 641	\$14 348	\$15 520	\$20 053	\$14 654	\$16 456	\$16 140	\$15 275	\$14 076
Mean income	\$17 942	\$21 785	\$22 717	\$19 067	\$18 391	\$16 836	\$16 628	\$20 831	\$18 119	\$17 474	\$18 174	\$18 503	\$16 042
Renter-occupied households	183	365	206	36	27	1 355	410	169	181	135	308	285	248
Median income	\$8 641	\$11 250	\$10 536	\$10 625	\$10 938	\$10 761	\$11 711	\$13 393	\$11 036	\$10 078	\$8 966	\$9 491	\$8 958
Mean income	\$11 683	\$12 639	\$14 046	\$10 823	\$11 522	\$11 603	\$12 664	\$14 646	\$11 865	\$12 843	\$10 794	\$12 410	\$10 965
Families	966	1 384	931	422	216	967	1 686	978	659	876	1 577	949	1 864
Median income	\$17 422	\$20 694	\$22 205	\$19 474	\$17 667	\$13 937	\$17 597	\$20 451	\$16 149	\$17 351	\$17 221	\$16 954	\$14 750
Mean income	\$18 091	\$22 546	\$23 617	\$19 735	\$18 793	\$15 611	\$17 962	\$21 081	\$19 459	\$18 689	\$18 952	\$20 117	\$16 732
Unrelated individuals 15 years and over	206	519	288	87	60	1 051	699	137	276	282	432	445	417
Median income	\$6 300	\$8 378	\$6 571	\$5 587	\$4 333	\$7 010	\$5 131	\$9 125	\$6 542	\$6 000	\$4 857	\$5 360	\$5 212
Mean income	\$6 800	\$10 071	\$8 493	\$7 140	\$8 474	\$8 656	\$6 949	\$8 679	\$9 163	\$7 811	\$7 303	\$6 805	\$7 669
Per capita income	\$5 229	\$7 219	\$7 227	\$6 054	\$5 668	\$5 463	\$5 338	\$6 382	\$6 475	\$5 667	\$5 628	\$6 071	\$5 069
INCOME TYPE IN 1979													
Households	1 115	1 826	1 154	481	258	1 855	2 193	1 097	910	1 096	1 942	1 281	2 217
With earnings	853	1 489	934	402	222	1 385	1 572	945	668	865	1 520	987	1 681
Mean earnings	\$17 159	\$20 440	\$21 986	\$18 470	\$17 535	\$14 643	\$17 245	\$20 347	\$17 148	\$17 175	\$17 527	\$17 501	\$16 420
With Social Security income	297	491	310	134	58	454	809	199	312	341	593	476	666
Mean Social Security income	\$4 524	\$4 555	\$4 517	\$4 502	\$4 580	\$4 130	\$4 374	\$4 628	\$4 368	\$4 386	\$4 148	\$3 949	\$4 198
With public assistance income	171	103	66	25	18	245	313	66	62	112	207	155	263
Mean public assistance income	\$4 242	\$2 817	\$2 838	\$1 716	\$2 182	\$2 359	\$3 035	\$3 464	\$2 765	\$2 819	\$2 493	\$2 400	\$2 790
MEAN FAMILY INCOME IN 1979 BY FAMILY TYPE													
Families	\$18 091	\$22 546	\$23 617	\$19 735	\$18 793	\$15 611	\$17 962	\$21 081	\$19 459	\$18 689	\$18 952	\$20 117	\$16 732
With own children under 18 years	\$17 203	\$23 837	\$23 569	\$22 166	\$19 180	\$15 024	\$17 579	\$21 422	\$21 532	\$20 116	\$19 464	\$20 709	\$18 662
Without own children under 18 years	\$19 369	\$21 194	\$23 674	\$16 337	\$18 208	\$16 511	\$18 328	\$20 365	\$17 758	\$16 942	\$18 306	\$19 546	\$14 143
Married-couple families	\$20 306	\$23 535	\$24 629	\$20 748	\$19 237	\$17 352	\$19 577	\$22 567	\$20 292	\$19 448	\$19 924	\$20 883	\$17 493
With own children under 18 years	\$20 669	\$25 352	\$25 382	\$23 799	\$19 791	\$18 225	\$20 591	\$23 755	\$22 859	\$21 199	\$20 986	\$21 876	\$20 010
Without own children under 18 years	\$19 864	\$21 744	\$23 785	\$16 711	\$18 459	\$16 238	\$18 743	\$20 016	\$18 197	\$17 319	\$18 626	\$20 044	\$14 191
Female householder, no husband present	\$7 362	\$10 877	\$12 845	\$11 728	\$7 030	\$9 148	\$10 843	\$11 677	\$9 962	\$8 359	\$9 673	\$13 352	\$9 187
With own children under 18 years	\$6 014	\$10 437	\$7 454	\$11 068	\$6 827	\$8 035	\$8 599	\$9 532	\$7 790	\$6 996	\$6 224	\$12 681	\$7 841
Without own children under 18 years	\$13 570	\$11 834	\$23 212	\$13 347	\$7 640	\$14 316	\$14 958	\$17 772	\$12 039	\$10 934	\$15 709	\$14 937	\$12 612
ALL INCOME LEVELS IN 1979													
Families	966	1 384	931	422	216	967	1 686	978	659	876	1 577	949	1 864
Householder worked in 1979	654	1 148	739	344	173	758	1 183	791	466	704	1 254	737	1 373
With related children under 18 years	598	727	505	255	133	602	861	672	305	486	895	479	1 111
Female householder, no husband present	157	108	76	38	8	220	272	146	45	52	132	111	156
Householder worked in 1979	65	74	36	25	—	143	152	89	27	38	65	73	89
With related children under 18 years	137	81	53	31	6	188	176	108	22	36	91	83	124
With related children under 6 years	48	28	30	13	—	92	108	53	15	13	36	27	43
Householder 65 years and over	121	188	152	63	10	106	332	87	159	135	254	167	319
Unrelated individuals for whom poverty status is determined	206	519	288	87	60	1 051	699	137	276	282	432	445	417
65 years and over	51	187	89	25	17	272	337	32	111	134	201	200	183
Persons for whom poverty status is determined	3 584	4 903	3 348	1 493	809	4 003	6 227	3 439	2 347	3 287	5 857	3 487	6 780
Under 18 years	1 370	1 415	1 022	500	274	1 091	1 772	1 212	640	1 083	1 959	1 014	2 416
Related children under 18 years	1 367	1 415	1 018	497	274	1 091	1 772	1 205	640	1 077	1 946	990	2 400
Related children 5 to 17 years	1 039	1 120	770	382	226	689	1 274	902	467	813	1 425	768	1 783
18 to 59 years	1 826	2 662	1 812	813	459	2 336	3 219	1 915	1 176	1 687	3 027	1 783	3 364
60 years and over	388	826	514	180	76	576	1 236	312	531	517	871	690	1 000
65 years and over	246	579	332	132	38	452	902	186	387	363	632	493	707
INCOME IN 1979 BELOW POVERTY LEVEL													
Families	147	43	54	31	30	137	223	75	38	87	172	95	263
Percent below poverty level	15.2	3.1	5.8	7.3	13.9	14.2	13.2	7.7	5.8	9.9	10.9	10.0	14.1
Householder worked in 1979	47	20	24	18	18	57	81	35	20	60	99	65	131
With related children under 18 years	133	37	47	19	21	107	185	71	23	56	137	74	177
Female householder, no husband present	97	21	32	9	4	100	112	44	6	18	60	32	67
Householder worked in 1979	25	11	6	4	—	28	17	17	6	12	22	21	28
With related children under 18 years	97	21	32	9	4	92	106	44	6	18	58	28	65
With related children under 6 years	44	12	27	7	—	66	83	31	3	11	30	10	27
Householder 65 years and over	5	—	5	8	2	15	6	4	9	11	18	7	54
Unrelated individuals for whom poverty status is determined	69	106	68	17	19	276	211	32	60	89	145	118	140
Percent below poverty level	33.5	20.4	23.6	19.5	31.7	26.3	30.2	23.4	21.7	31.6	33.6	26.5	33.6
65 years and over	11	48	13	4	3	112	79	8	34	57	66	46	83
Persons for whom poverty status is determined	692	266	257	114	128	678	1 056	314	187	381	811	449	1 055
Percent below poverty level	19.3	5.4	7.7	7.6	15.8	16.9	17.0	9.1	8.0	11.6	13.8	12.9	15.6
Under 18 years	392	87	113	47	47	218	487	159	56	127	356	170	438
Related children under 18 years	389	87	109	44	47	218	487	152	56	121	347	150	422
Related children 5 to 17 years	279	60	69	31	41	145	322	98	29	92	254	104	289
18 to 59 years	267	111	107	42	66	298	448	138	79	158	326	208	405
60 years and over	33	68	37	25	15	162	121	17	52	96	129	71	212
65 years and over	16	48	20	18	5	127	85	12	45	78	102	59	165
INCOME IN 1979 BELOW SPECIFIED POVERTY LEVEL													
Percent of persons for whom poverty status is determined:													
Below 75 percent of poverty level	15.5	3.5	4.4	2.7	9.9	7.6	11.9	5.9	3.0	7.7	8.9	6.0	9.7
Below 125 percent of poverty level	23.7	8.8	9.6	11.5	19.8	22.9	21.9	10.2	16.3	18.8	18.6	18.5	21.2
Below 150 percent of poverty level	32.1												

Table P-12. Social and Labor Force Characteristics of White Persons: 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]

**Census Tracts
[400 or More White Persons and
400 or More of a Specified Racial
Group]**

	Muskegon County						Muskegon city, Muskegon County			
	The SMSA	Total	Muskegon city	Muskegon Heights city	Norton Shores city	Remainder	Oceana County	Tract 0001 ^a	Tract 0003	Tract 0004 ^b
NATIVITY										
Total persons	156 549	135 388	31 278	5 247	21 245	77 618	21 161	3 443	1 726	5 404
Native	153 791	132 898	30 562	4 999	20 809	76 528	20 893	3 352	1 668	5 279
Foreign born	2 758	2 490	716	248	436	1 090	268	91	58	125
LANGUAGE SPOKEN AT HOME AND ABILITY TO SPEAK ENGLISH										
Persons 5 to 17 years	34 092	29 047	5 078	797	4 578	18 594	5 045	467	268	907
Speak a language other than English at home	726	573	117	15	114	327	153	12	6	25
Percent who speak English not well or not at all	5.9	4.9	5.1	53.3	4.4	2.8	9.8	50.0	-	150
Persons 18 years and over	110 738	96 302	23 803	4 030	15 329	53 140	14 436	2 660	1 324	4 150
Speak a language other than English at home	3 916	3 420	1 073	345	538	1 464	496	88	98	116
Percent who speak English not well or not at all	8.7	8.6	13.4	7.8	8.7	5.2	9.3	30.7	9.2	41.4
SCHOOL ENROLLMENT										
Persons 3 years old and over enrolled in school	42 654	36 980	7 130	946	6 175	22 729	5 674	843	335	1 268
Nursery school	1 737	1 560	292	44	327	897	177	46	22	53
Kindergarten	2 588	2 270	460	55	369	1 386	318	27	17	106
Elementary (1 to 8 years)	20 335	17 303	2 981	467	2 639	11 216	3 032	279	158	542
High school (1 to 4 years)	12 002	10 256	1 848	213	1 731	6 464	1 746	147	92	297
College	5 992	5 591	1 549	167	1 109	2 766	401	344	46	270
YEARS OF SCHOOL COMPLETED										
Persons 25 years old and over	91 586	79 351	18 933	3 368	12 848	44 202	12 235	1 845	1 053	3 367
Elementary: 0 to 4 years	1 099	870	413	47	85	325	229	89	61	43
5 to 7 years	3 517	2 943	925	228	292	1 498	574	135	61	157
8 years	9 427	7 933	2 260	556	729	4 388	1 494	248	173	470
High school: 1 to 3 years	16 239	14 178	3 837	789	1 936	7 616	2 061	303	222	793
4 years	36 941	31 876	6 953	1 274	4 967	18 682	5 065	625	282	1 334
College: 1 to 3 years	14 205	12 536	2 895	316	2 293	7 032	1 669	342	188	432
4 or more years	10 158	9 015	1 650	158	2 546	4 661	1 143	103	66	138
FERTILITY										
Women 35 to 44 years	8 665	7 456	1 229	156	1 336	4 735	1 209	127	59	196
Children ever born	25 274	21 385	3 356	431	3 630	13 968	3 889	252	69	533
Per 1,000 women	2 917	2 868	2 731	2 763	2 717	2 950	3 217	1 984	1 169	2 719
RESIDENCE IN 1975										
Persons 5 years and over	144 776	125 240	29 010	4 875	19 787	71 568	19 536	3 220	1 600	5 197
Same house	87 600	75 623	16 196	3 161	11 660	44 606	11 977	1 300	764	3 354
Different house in United States	56 671	49 183	12 621	1 714	8 073	26 775	7 488	1 907	836	1 718
Central city of this SMSA	22 156	21 708	7 272	980	4 293	9 163	448	817	466	828
Remainder of this SMSA	18 689	13 966	2 033	521	1 192	10 220	4 723	505	98	236
Outside this SMSA	15 826	13 509	3 316	213	2 588	7 392	2 317	585	272	654
Different SMSA	11 446	9 918	2 369	167	1 955	5 427	1 528	355	207	474
Abroad	505	434	193	-	54	187	71	13	-	125
JOURNEY TO WORK										
Workers 16 years and over	60 902	53 860	11 787	1 783	9 145	31 145	7 042	1 251	591	1 776
Private vehicle: Drive alone	45 237	41 016	8 721	1 261	7 465	23 569	4 221	883	431	1 360
Carpool	10 921	9 254	1 864	348	1 259	5 783	1 667	281	54	266
Public transportation	380	378	176	36	42	124	2	32	5	11
Other means or worked at home	4 364	3 212	1 026	138	379	1 669	1 152	55	101	139
Mean travel time to work	17.6	16.9	14.4	13.3	14.8	18.7	23.0	17.8	17.2	14.0
Worked in SMSA of residence	52 229	46 416	10 519	1 445	7 843	26 609	5 813	1 061	468	1 762
Central city	34 913	34 038	9 080	1 247	7 088	16 623	875	875	411	1 379
Outside central city	17 316	12 378	1 439	198	755	9 986	4 938	186	57	383
Worked outside SMSA of residence	6 225	5 303	738	224	863	3 478	922	151	17	106
Place of work not reported	3 168	2 724	525	154	485	1 560	444	37	31	39
LABOR FORCE STATUS										
Persons 16 years and over	117 223	101 836	24 752	4 196	16 270	56 618	15 387	2 739	1 375	4 301
Labor force	70 577	62 047	13 627	2 145	10 322	35 953	8 530	1 492	690	2 131
Percent of persons 16 years and over	60.2	60.9	55.1	51.1	63.4	63.5	55.4	54.5	50.2	49.5
Employed	63 196	55 863	12 282	1 836	9 427	32 318	7 333	1 305	612	1 896
Unemployed	7 320	6 131	1 333	309	890	3 599	1 189	181	78	229
Percent of civilian labor force	10.4	9.9	9.8	14.4	8.6	10.0	12.2	11.3	10.8	10.8
Female, 16 years and over	61 348	53 450	13 557	2 269	8 417	29 207	7 898	1 537	728	2 233
Labor force	29 198	25 844	6 124	883	4 135	14 702	3 354	681	302	941
Percent of female, 16 years and over	47.6	48.4	45.2	38.9	49.1	50.3	42.5	44.3	41.5	42.1
Employed	25 984	23 173	5 441	747	3 728	13 257	2 811	622	258	807
Unemployed	3 211	2 671	683	136	407	1 445	540	59	44	134
Percent of civilian labor force	11.0	10.3	11.2	15.4	9.8	11.1	16.1	8.7	14.6	14.2
With own children under 6 years	10 046	8 622	1 895	414	1 285	5 028	1 424	294	94	253
In labor force	4 554	3 959	809	171	605	2 374	595	167	47	86
Married, husband present	36 922	31 811	6 246	1 107	5 504	18 954	5 111	565	309	1 142
In labor force	17 721	15 387	2 878	405	2 589	9 515	2 334	298	132	477
Civilian persons 16 to 19 years	12 429	10 755	2 165	279	1 795	6 516	1 674	259	132	310
Not enrolled in school	3 208	2 744	657	108	320	1 659	464	129	67	65
Not high school graduate	1 279	1 075	321	55	98	601	204	35	42	43
Employed	361	312	99	4	30	179	49	11	22	7
Unemployed	303	246	58	18	26	144	57	11	-	6
Not in labor force	615	517	164	33	42	278	98	13	20	30
LABOR FORCE STATUS IN 1979										
Persons 16 years and over, in labor force in 1979	77 580	67 687	15 061	2 350	11 356	38 920	9 893	1 675	748	2 439
Percent of persons 16 years and over	66.2	66.5	60.8	56.0	69.8	68.7	64.3	61.2	54.4	56.7
Worked in 1979	75 671	66 009	14 587	2 273	11 131	38 018	9 662	1 626	703	2 336
40 or more weeks	53 951	47 751	10 425	1 679	8 423	27 224	6 200	1 175	490	1 659
Usually worked 35 or more hours per week	45 561	40 239	8 775	1 408	6 918	23 138	5 322	1 065	402	1 405
50 to 52 weeks	44 015	39 076	8 315	1 308	6 955	22 498	4 939	930	420	1 325
Usually worked 35 or more hours per week	38 097	33 761	7 228	1 107	5 843	19 583	4 336	834	351	1 183
With unemployment in 1979	17 652	15 088	3 720	611	1 941	8 816	2 564	471	205	527
Percent of those in labor force in 1979	22.8	22.3	24.7	26.0	17.1	22.7	25.9	28.1	27.4	21.6
Unemployed 15 or more weeks	7 497	6 285	1 512	288	849	3 636	1 212	145	97	242
Mean weeks of unemployment	16.5	16.3	16.5	18.6	16.7	16.0	17.8	15.3	17.8	19.9
DISABILITY STATUS OF NONINSTITUTIONAL PERSONS										
Persons 16 to 64 years	98 265	85 629	18 611	3 146	14 239	49 633	12 636	1 931	1 021	3 061
With a work disability	10 566	9 096	2 499	468	1 044	5 085	1 470	287	198	414
Prevented from working	5 013	4 242	1 203	271	407	2 361	771	157	127	194
With a public transportation disability	1 936	1 705	514	136	168	887	231	56	64	75
Persons 65 years and over	17 033	14 492	4 923	1 045	1 993	6 531	2 541	396	314	863
With a public transportation disability	2 403	2 125	799	171	228	927	278	77	68	141

Table P-12. Social and Labor Force Characteristics of White Persons: 1980—Con.

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

**Census Tracts
[400 or More White Persons and
400 or More of a Specified Racial
Group]**

	Muskegon city, Muskegon County—Con.		Muskegon Heights city, Muskegon County			Totals for split tracts in Muskegon County	
	Tract 0005	Tract 0006.02	Tract 0012	Tract 0014.01	Tract 0014.02	Tract 0001	Tract 0004
NATIVITY							
Total persons	4 731	1 523	423	956	3 560	3 541	5 518
Native	4 656	1 473	399	903	3 389	3 450	5 393
Foreign born	75	50	24	53	171	91	125
LANGUAGE SPOKEN AT HOME AND ABILITY TO SPEAK ENGLISH							
Persons 5 to 17 years	767	186	43	82	605	491	931
Speak a language other than English at home	37	15	—	—	15	12	25
Percent who speak English not well or not at all	—	—	—	—	53.3	50.0	—
Persons 18 years and over	3 525	1 192	348	819	2 642	2 734	4 207
Speak a language other than English at home	126	118	45	79	203	95	119
Percent who speak English not well or not at all	13.5	10.2	—	16.5	6.9	28.4	40.3
SCHOOL ENROLLMENT							
Persons 3 years old and over enrolled in school	1 172	258	42	99	724	874	1 289
Nursery school	34	—	—	7	33	46	53
Kindergarten	50	26	—	2	49	27	106
Elementary (1 to 8 years)	513	119	16	39	367	297	557
High School (1 to 4 years)	259	81	17	18	155	153	297
College	316	32	9	33	120	351	276
YEARS OF SCHOOL COMPLETED							
Persons 25 years old and over	2 674	954	300	690	2 172	1 903	3 405
Elementary:							
0 to 4 years	90	20	6	19	10	97	43
5 to 7 years	179	101	26	60	122	135	157
8 years	331	119	55	127	335	255	480
High school:							
1 to 3 years	620	219	123	187	423	321	793
4 years	990	290	66	196	944	650	1 356
College:							
1 to 3 years	249	127	24	76	211	342	438
4 or more years	215	78	—	25	127	103	138
FERTILITY							
Women 35 to 44 years	187	69	—	25	121	139	205
Children ever born	617	245	—	36	350	292	558
Per 1,000 women	3 299	3 551	—	1 440	2 893	2 101	2 722
RESIDENCE IN 1975							
Persons 5 years and over	4 311	1 323	473	866	3 287	3 314	5 279
Same house	2 301	400	402	703	1 909	1 345	3 374
Different house in United States	2 000	923	71	163	1 378	1 956	1 780
Central city of this SMSA	1 049	605	24	86	768	828	875
Remainder of this SMSA	333	119	41	59	421	543	251
Outside this SMSA	618	199	6	18	189	585	654
Different SMSA	441	156	—	18	149	355	474
Abroad	10	—	—	—	—	13	125
JOURNEY TO WORK							
Workers 16 years and over	1 751	428	71	292	1 328	1 281	1 807
Private vehicle: Drive alone	1 234	208	42	219	930	905	1 380
Carpool	270	75	17	55	271	281	277
Public transportation	43	30	—	—	30	32	11
Other means or worked at home	204	115	12	18	97	63	139
Mean travel time to work	13.8	19.3	10.3	14.8	13.1	17.7	13.8
Worked in SMSA of residence	1 530	345	86	262	1 044	1 080	1 820
Central city	1 270	325	73	207	924	894	1 437
Outside central city	260	20	13	55	120	186	383
Worked outside SMSA of residence	149	29	—	12	195	151	106
Place of work not reported	99	16	14	64	69	37	39
LABOR FORCE STATUS							
Persons 16 years and over	3 656	1 207	354	843	2 765	2 813	4 367
Labor force	2 041	473	76	371	1 582	1 529	2 166
Percent of persons 16 years and over	55.8	39.2	21.5	44.0	57.2	54.4	49.6
Employed	1 819	444	71	312	1 356	1 335	1 927
Unemployed	222	29	5	59	226	188	233
Percent of civilian labor force	10.9	6.1	6.6	15.9	14.3	12.3	10.8
Female, 16 years and over	2 115	746	197	484	1 478	1 577	2 269
Labor force	936	227	27	161	651	690	949
Percent of female, 16 years and over	44.3	30.4	13.7	33.3	44.0	43.8	41.8
Employed	826	212	27	138	553	631	815
Unemployed	110	15	—	23	98	59	134
Percent of civilian labor force	11.8	6.6	—	14.3	15.1	8.6	14.1
With own children under 6 years	288	116	35	56	306	294	273
In labor force	121	29	5	5	149	167	86
Married, husband present	822	138	92	196	761	579	1 161
In labor force	356	51	22	76	285	298	481
Civilian persons 16 to 19 years	392	73	12	50	199	266	322
Not enrolled in school	108	43	6	28	74	129	77
Not high school graduate	86	20	6	23	26	35	55
Employed	35	4	—	—	4	11	7
Unemployed	6	—	—	6	12	11	10
Not in labor force	45	16	6	17	10	13	38
LABOR FORCE STATUS IN 1979							
Persons 16 years and over, in labor force in 1979	2 229	632	91	428	1 692	1 724	2 488
Percent of persons 16 years and over	61.0	52.4	25.7	50.8	61.2	61.3	57.0
Worked in 1979	1 152	608	86	428	1 643	1 675	2 380
40 or more weeks	1 436	373	54	326	1 212	1 205	1 686
Usually worked 35 or more hours per week	1 223	313	48	291	994	1 095	1 428
50 to 52 weeks	1 130	286	46	227	971	960	1 352
Usually worked 35 or more hours per week	999	246	40	203	812	864	1 206
With unemployment in 1979	633	248	20	141	396	483	543
Percent of those in labor force in 1979	28.4	39.2	22.0	32.9	23.4	28.0	21.8
Unemployed 15 or more weeks	314	99	14	33	199	157	245
Mean weeks of unemployment	19.7	15.6	23.3	11.8	18.9	16.0	19.6
DISABILITY STATUS OF NONINSTITUTIONAL PERSONS							
Persons 16 to 64 years	2 837	738	203	585	2 160	1 987	3 124
With a work disability	473	197	54	106	276	298	419
Prevented from working	207	72	48	65	130	168	194
With a public transportation disability	94	50	22	25	77	60	75
Persons 65 years and over	702	376	151	258	605	414	866
With a public transportation disability	165	83	44	72	55	77	141

Table P-13. Occupation, Income in 1979, and Poverty Status in 1979 of White Persons: 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]

**Census Tracts
[400 or More White Persons and
400 or More of a Specified Racial
Group]**

OCCUPATION

Employed persons 16 years and over	63 196
Managerial and professional specialty occupations	11 729
Executive, administrative, and managerial occupations	4 905
Professional specialty occupations	6 824
Technical, sales, and administrative support occupations	17 446
Technicians and related support occupations	1 841
Sales occupations	5 736
Administrative support occupations, including clerical	9 869
Service occupations	8 790
Private household occupations	379
Protective service occupations	734
Service occupations, except protective and household	7 677
Forming, forestry, and fishing occupations	1 274
Precision production, craft, and repair occupations	8 953
Operators, fabricators, and laborers	15 004
Machine operators, assemblers, and inspectors	9 588
Transportation and material moving occupations	2 698
Handlers, equipment cleaners, helpers, and laborers	2 718

INCOME IN 1979

Households	55 550
Less than \$5,000	6 706
\$5,000 to \$7,499	4 839
\$7,500 to \$9,999	4 504
\$10,000 to \$14,999	9 005
\$15,000 to \$19,999	8 818
\$20,000 to \$24,999	7 618
\$25,000 to \$34,999	9 018
\$35,000 to \$49,999	3 696
\$50,000 or more	1 346
Median	\$16 477
Mean	\$18 501
Families	42 684
Median income	\$19 108
Mean income	\$20 852
Unrelated individuals 15 years and over	15 926
Median income	\$6 744
Mean income	\$8 759
Per capita income	\$6 601
Households	55 550
With earnings	43 612
Mean earnings	\$19 314
With Social Security income	15 938
Mean Social Security income	\$4 376
With public assistance income	5 319
Mean public assistance income	\$2 846

MEAN FAMILY INCOME IN 1979 BY FAMILY TYPE

Families	\$20 852
With own children under 18 years	\$21 050
Married-couple families	\$22 219
With own children under 18 years	\$23 270
Female householder, no husband present	\$10 930
With own children under 18 years	\$8 955

ALL INCOME LEVELS IN 1979

Families	42 684
Householder worked in 1979	33 604
With related children under 18 years	22 951
Female householder, no husband present	4 875
Householder worked in 1979	3 000
With related children under 18 years	3 441
With related children under 6 years	1 442
Householder 65 years and over	6 501
Unrelated individuals for whom poverty status is determined	15 848
65 years and over	5 875
Persons for whom poverty status is determined	154 226
Related children under 18 years	45 233
Related children 5 to 17 years	33 652
60 years and over	24 680
65 years and over	17 033

INCOME IN 1979 BELOW POVERTY LEVEL

Families	3 438
Percent below poverty level	8.1
Householder worked in 1979	1 787
With related children under 18 years	2 786
Female householder, no husband present	1 637
Householder worked in 1979	643
With related children under 18 years	1 537
With related children under 6 years	902
Householder 65 years and over	288
Unrelated individuals for whom poverty status is determined	3 546
Percent below poverty level	22.4
65 years and over	1 255
Persons for whom poverty status is determined	15 272
Percent below poverty level	9.9
Related children under 18 years	5 994
Related children 5 to 17 years	4 044
60 years and over	2 268
65 years and over	1 688
Percent of persons for whom poverty status is determined:	
Below 75 percent of poverty level	5.9
Below 125 percent of poverty level	14.1
Below 200 percent of poverty level	30.3

	Muskegon County					Oceano County	Muskegon city, Muskegon County			
	The SMSA	Total	Muskegon city	Muskegon Heights city	Norton Shores city		Remainder	Tract 0001 ^a	Tract 0003	Tract 0004 ^b
Employed persons 16 years and over	63 196	55 863	12 282	1 836	9 427	32 318	7 333	1 305	612	1 896
Managerial and professional specialty occupations	11 729	10 600	2 072	221	2 636	5 671	1 129	178	106	321
Executive, administrative, and managerial occupations	4 905	4 462	823	119	1 171	2 349	443	60	41	116
Professional specialty occupations	6 824	6 138	1 249	102	1 465	3 322	686	118	65	205
Technical, sales, and administrative support occupations	17 446	15 870	3 718	420	2 869	8 863	1 576	402	188	558
Technicians and related support occupations	1 841	1 646	399	48	285	914	195	43	12	45
Sales occupations	5 736	5 197	982	116	1 156	2 943	539	107	44	177
Administrative support occupations, including clerical	9 869	9 027	2 337	256	1 428	5 006	842	252	132	336
Service occupations	8 790	7 798	2 190	344	978	4 286	992	231	137	313
Private household occupations	379	343	77	5	20	241	36	6	11	13
Protective service occupations	734	667	201	21	86	359	67	24	12	31
Service occupations, except protective and household	7 677	6 788	1 912	318	872	3 686	889	201	114	269
Forming, forestry, and fishing occupations	1 274	604	93	8	47	456	670	11	-	15
Precision production, craft, and repair occupations	8 953	7 818	1 433	278	1 216	4 891	1 135	206	44	269
Operators, fabricators, and laborers	15 004	13 173	2 776	565	1 681	8 151	1 831	277	137	420
Machine operators, assemblers, and inspectors	9 588	8 499	1 855	394	1 109	5 141	1 089	165	106	291
Transportation and material moving occupations	2 698	2 283	404	83	319	1 477	415	54	14	67
Handlers, equipment cleaners, helpers, and laborers	2 718	2 391	517	88	253	1 533	327	58	17	62
Households	55 550	48 287	12 566	2 343	7 536	25 842	7 263	1 438	684	1 865
Less than \$5,000	6 706	5 589	2 393	541	490	2 165	1 117	392	150	313
\$5,000 to \$7,499	4 839	4 049	1 422	290	400	1 937	790	128	114	195
\$7,500 to \$9,999	4 504	3 924	1 265	272	488	1 899	580	98	85	204
\$10,000 to \$14,999	9 005	7 656	2 350	439	961	3 906	1 349	386	126	261
\$15,000 to \$19,999	8 818	7 667	1 773	350	1 161	4 383	1 151	155	75	305
\$20,000 to \$24,999	7 618	6 702	1 474	171	1 140	3 917	916	136	57	282
\$25,000 to \$34,999	9 018	8 149	1 284	224	1 720	4 921	869	111	27	212
\$35,000 to \$49,999	3 696	3 359	467	56	765	2 071	337	32	50	81
\$50,000 or more	1 346	1 192	138	-	411	643	154	-	-	12
Median	\$16 477	\$16 823	\$12 353	\$10 661	\$21 012	\$18 440	\$14 213	\$11 226	\$9 794	\$14 135
Mean	\$18 501	\$18 788	\$14 690	\$12 645	\$23 300	\$20 021	\$16 597	\$12 255	\$12 873	\$15 690
Families	42 684	36 922	8 029	1 472	6 088	21 333	5 762	707	436	1 398
Median income	\$19 108	\$19 539	\$15 863	\$12 424	\$23 352	\$20 230	\$16 447	\$13 478	\$12 717	\$17 273
Mean income	\$20 852	\$21 213	\$17 680	\$14 498	\$25 753	\$21 710	\$18 542	\$15 211	\$15 177	\$18 051
Unrelated individuals 15 years and over	15 926	14 104	5 740	1 072	1 652	5 640	1 822	872	324	647
Median income	\$6 744	\$6 993	\$5 867	\$5 420	\$9 677	\$7 653	\$5 439	\$5 841	\$5 227	\$4 889
Mean income	\$8 759	\$8 899	\$7 592	\$7 892	\$11 342	\$7 676	\$7 676	\$7 833	\$6 745	\$6 645
Per capita income	\$6 601	\$6 739	\$6 016	\$5 714	\$8 303	\$6 671	\$5 718	\$5 266	\$5 268	\$5 640
Households	55 550	48 287	12 566	2 343	7 536	25 842	7 263	1 438	684	1 865
With earnings	43 612	38 041	8 830	1 517	6 306	21 388	5 571	1 043	401	1 323
Mean earnings	\$19 314	\$19 628	\$15 929	\$14 137	\$23 504	\$20 402	\$17 173	\$14 174	\$15 137	\$17 030
With Social Security income	15 938	13 593	4 367	893	1 923	6 410	2 345	388	295	737
Mean Social Security income	\$4 376	\$4 408	\$4 317	\$4 135	\$4 565	\$4 460	\$4 195	\$3 696	\$3 900	\$4 416
With public assistance income	5 319	4 567	1 849	400	371	1 947	752	184	157	240
Mean public assistance income	\$2 846	\$2 891	\$2 918	\$2 770	\$2 254	\$3 012	\$2 576	\$2 007	\$3 330	\$2 849
Families	\$20 852	\$21 213	\$17 680	\$14 498	\$25 753	\$21 710	\$18 542	\$15 211	\$15 177	\$18 051
With own children under 18 years	\$21 050	\$21 247	\$16 707	\$12 469	\$26 200	\$21 907	\$19 813	\$14 432	\$14 558	\$17 748
Married-couple families	\$22 219	\$22 687	\$19 554	\$16 097	\$26 816	\$22 901	\$19 348	\$16 919	\$15 501	\$19 300
With own children under 18 years	\$23 270	\$23 632	\$20 271	\$16 524	\$27 780	\$23 699	\$21 121	\$17 483	\$16 531	\$20 363
Female householder, no husband present	\$10 930	\$10 990	\$9 942	\$8 822	\$14 197	\$11 342	\$10 368	\$8 195	\$12 448	\$11 320
With own children under 18 years	\$8 955	\$8 989	\$7 756	\$5 969	\$13 446	\$9 432	\$8 640	\$7 730	\$8 434	\$8 712
Householder worked in 1979	33 604	29 186	5 713	902	5 049	17 522	4 418	557	219	985
With related children under 18 years	22 951	19 807	3 898	678	3 098	12 133	3 144	383	203	626
Female householder, no husband present	4 875	4 401	1 511	339	498	2 053	474	148	93	177
Householder worked in 1979	3 000	2 716	881	161	354	1 320	284	99	21	104
With related children under 18 years	3 441	3 103	1 052	246	336	1 469	338	124	55	101
With related children under 6 years	1 442	1 315	484	168	113	550	127	70	34	45
Householder 65 years and over	6 501	5 486	1 640	371	869	2 606	1 015	90	117	308
Unrelated individuals for whom poverty status is determined	15 848	14 026	5 662	1 072	1 652	5 640	1 822	872	324	647
65 years and over	5 875	5 055	2 083	426	534	2 012	820	247	116	334
Persons for whom poverty status is determined	154 226	133 299	29 862	5 218	21 172	77 047	20 927	2 973	1 666	5 027
Related children under 18 years	45 233	38 591	7 283	1 162	5 870	24 276	6 642	687	370	1 254
Related children 5 to 17 years	33 652	28 680	4 930	748	4 551	18 451	4 972	378	251	907
60 years and over	24 680	21 118	6 699	1 396	3 176	9 847	3 562	500	423	1 192
65 years and over	17 033	14 492	4 923	1 045	1 993	6 531	2 541	396	314	863
Householder worked in 1979	1 787	1 437	363	118	119	837	350	40	15	73
With related children under 18 years	2 786	2 367	839	227	170	1 131	419	74	75	123
Female householder, no husband present	1 637	1 468	605	145	104	614	169	77	38	63
Householder worked in 1979	643	556	174	67	39	276	87	28	-	9
With related children under 18 years	1 537	1 376	574	145	92	565	161	69	32	57
With related children under 6 years	902	826	346	116	46	318	76	49	24	34
Householder 65 years and over	288	191	68	-	30	93	97	15	16	6
Unrelated individuals for whom poverty status is determined	3 546	3 012	1 442	277	229	1 064	534	263	105	207
Percent below poverty level	22.4	21.5	25.5	25.8	13.9	18.9	29.3	30.2	32.4	32.0
65 years and over	1 255	978	404	117	73	384	277	106	16	79
Persons for whom poverty status is determined	15 272	12 698	4 534	1 066	940	6 158	2 574	507	420	736
Percent below poverty level	9.9	9.5	15.2	20.4	4.4	8.0	12.3	17.1	25.2	14.6
Related children under 18 years	5 994	5 071	1 687	450	319	2 615	923	116	165	282
Related children 5 to 17 years	4 044	3 405	1 105	271	234	1 795	639	69	94	201
60 years and over	2 268	1 724	682	157	167	718	544	156	46	121
65 years and over	1 688	1 253	500	117	114	522	435	121	38	85
Percent of persons for whom poverty status is determined:										
Below 75 percent of poverty level	5.9	5.6	8.9	10.8	3.0	4.8	7.3	6.6	12.7	9.9
Below 125 percent of poverty level	14.1	13.5	20.4	28.8	6.9	11.6	18.1	23.3	30.6	19.7
Below 200 percent of poverty level	30.3	28.9	38.5	47.7	17.1	27.2	38.7	43.7	45.0	37.8

Table P-13. Occupation, Income in 1979, and Poverty Status in 1979 of White Persons: 1980—Con.

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

**Census Tracts
[400 or More White Persons and
400 or More of a Specified Racial
Group]**

OCCUPATION

Employed persons 16 years and over	1 819	444			1 356	1 335	1 927
Managerial and professional specialty occupations	254	56	12	36	167	187	321
Executive, administrative, and managerial occupations	108	10	6	14	99	60	116
Professional specialty occupations	146	46	6	22	68	127	205
Technical, sales, and administrative support occupations	520	64	20	60	329	409	562
Technicians and related support occupations	62	5	6	12	30	43	45
Sales occupations	131	19	7	18	91	107	177
Administrative support occupations, including clerical	327	40	7	30	208	259	340
Service occupations	399	124	5	76	235	239	317
Private household occupations	11	8	5	—	—	6	13
Protective service occupations	23	—	—	—	21	24	31
Service occupations, except protective and household	365	116	—	76	214	209	273
Farming, forestry, and fishing occupations	10	14	—	—	8	11	15
Precision production, craft, and repair occupations	203	41	18	40	215	212	274
Operators, fabricators, and laborers	433	145	16	100	402	277	438
Machine operators, assemblers, and inspectors	275	101	16	76	267	165	302
Transportation and material moving occupations	67	—	—	8	71	54	67
Handlers, equipment cleaners, helpers, and laborers	91	44	—	16	64	58	69

INCOME IN 1979

Households	1 895	822			1 532	1 483	1 892
Less than \$5,000	509	300	72	159	267	392	317
\$5,000 to \$7,499	167	162	47	63	163	137	198
\$7,500 to \$9,999	231	90	32	57	172	113	204
\$10,000 to \$14,999	390	110	—	55	369	394	266
\$15,000 to \$19,999	192	81	21	52	248	155	309
\$20,000 to \$24,999	192	47	—	25	140	142	287
\$25,000 to \$34,999	133	26	15	70	128	111	218
\$35,000 to \$49,999	54	—	6	5	45	39	81
\$50,000 or more	27	6	—	—	—	—	12
Median	\$10 487	\$6 713	\$6 303	\$8 421	\$11 943	\$11 162	\$14 167
Mean	\$13 279	\$9 258	\$9 202	\$11 912	\$13 461	\$12 340	\$15 691

Families	1 128	308			1 013	738	1 418
Median income	\$13 417	\$9 907	\$8 654	\$16 103	\$12 798	\$13 416	\$17 292
Mean income	\$16 414	\$12 089	\$12 493	\$16 664	\$14 559	\$15 277	\$18 011

Unrelated individuals 15 years and over	1 114	576			632	894	666
Median income	\$4 664	\$4 781	\$3 603	\$4 277	\$8 403	\$6 027	\$4 942
Mean income	\$6 303	\$6 515	\$4 096	\$5 836	\$9 225	\$7 835	\$6 683

Per capita income	\$5 495	\$5 031	\$4 393	\$6 073	\$5 823	\$5 319	\$5 610
Households	1 895	822	193	486	1 532	1 483	1 892
With earnings	1 291	421	66	297	1 070	1 077	1 347
Mean earnings	\$14 738	\$10 215	\$10 364	\$13 265	\$14 718	\$14 160	\$16 982
With Social Security income	612	353	131	218	512	399	740
Mean Social Security income	\$4 134	\$4 139	\$3 792	\$3 945	\$4 242	\$3 746	\$4 414
With public assistance income	401	191	47	82	228	196	253
Mean public assistance income	\$3 168	\$3 064	\$2 615	\$2 317	\$2 914	\$2 213	\$2 876

MEAN FAMILY INCOME IN 1979 BY FAMILY TYPE

Families	\$16 414	\$12 089	\$12 493	\$16 664	\$14 559	\$15 277	\$18 011
With own children under 18 years	\$13 887	\$9 186	\$10 859	\$10 590	\$13 175	\$14 271	\$17 663
Married-couple families	\$18 880	\$15 524	\$12 058	\$17 689	\$16 316	\$16 835	\$19 294
With own children under 18 years	\$18 107	\$12 929	\$12 638	\$19 798	\$16 826	\$17 483	\$20 314
Female householder, no husband present	\$9 256	\$9 148	\$14 494	\$13 279	\$7 743	\$8 274	\$11 121
With own children under 18 years	\$6 839	\$7 370	\$3 785	\$3 893	\$6 500	\$7 871	\$8 493

ALL INCOME LEVELS IN 1979

Families	1 128	308	112	247	1 013	738	1 418
Householder worked in 1979	856	173	29	162	658	582	996
With related children under 18 years	589	177	40	64	519	402	646
Female householder, no husband present	283	154	19	56	232	160	182
Householder worked in 1979	182	70	5	33	111	111	104
With related children under 18 years	210	109	11	33	180	136	106
With related children under 6 years	93	60	11	33	112	70	50
Householder 65 years and over	167	71	44	75	231	96	308

Unrelated individuals for whom poverty status is determined	1 036	576	107	284	632	894	666
65 years and over	389	259	75	131	216	252	337

Persons for whom poverty status is determined	4 531	1 418	423	935	3 557	3 071	5 141
Related children under 18 years	1 201	319	75	108	892	711	1 311
Related children 5 to 17 years	767	180	43	59	579	402	931
60 years and over	889	482	193	343	797	518	1 195
65 years and over	702	376	151	258	605	414	866

INCOME IN 1979 BELOW POVERTY LEVEL

Families	160	101	22	33	156	97	163
Percent below poverty level	14.2	32.8	19.6	13.4	15.4	13.1	11.5
Householder worked in 1979	68	42	5	33	69	40	73
With related children under 18 years	149	101	22	33	139	74	132
Female householder, no husband present	118	70	11	28	90	77	68
Householder worked in 1979	46	21	5	28	28	28	9
With related children under 18 years	118	70	11	28	90	69	62
With related children under 6 years	54	51	11	28	71	49	39
Householder 65 years and over	—	—	—	—	—	15	6

Unrelated individuals for whom poverty status is determined	306	178	46	96	119	263	211
Percent below poverty level	29.5	30.9	43.0	33.8	18.8	29.4	31.7
65 years and over	62	61	20	41	52	106	79

Persons for whom poverty status is determined	842	522	109	203	638	507	769
Percent below poverty level	18.6	36.8	25.8	21.7	17.9	16.5	15.0
Related children under 18 years	314	219	30	66	297	116	299
Related children 5 to 17 years	215	117	10	36	184	69	201
60 years and over	98	93	27	47	79	156	121
65 years and over	62	61	20	41	52	121	85

Percent of persons for whom poverty status is determined:							
Below 75 percent of poverty level	11.4	23.0	18.2	14.9	8.4	6.4	10.1
Below 125 percent of poverty level	25.2	46.6	34.8	30.8	26.2	22.6	19.9
Below 200 percent of poverty level	48.8	60.2	63.4	48.4	44.5	43.6	37.8

	Muskegon city, Muskegon County—Con.		Muskegon Heights city, Muskegon County			Totals for split tracts in Muskegon County	
	Tract 0005	Tract 0006.02	Tract 0012	Tract 0014.01	Tract 0014.02	Tract 0001	Tract 0004
OCCUPATION							
Employed persons 16 years and over	1 819	444	71	312	1 356	1 335	1 927
Managerial and professional specialty occupations	254	56	12	36	167	187	321
Executive, administrative, and managerial occupations	108	10	6	14	99	60	116
Professional specialty occupations	146	46	6	22	68	127	205
Technical, sales, and administrative support occupations	520	64	20	60	329	409	562
Technicians and related support occupations	62	5	6	12	30	43	45
Sales occupations	131	19	7	18	91	107	177
Administrative support occupations, including clerical	327	40	7	30	208	259	340
Service occupations	399	124	5	76	235	239	317
Private household occupations	11	8	5	—	—	6	13
Protective service occupations	23	—	—	—	21	24	31
Service occupations, except protective and household	365	116	—	76	214	209	273
Farming, forestry, and fishing occupations	10	14	—	—	8	11	15
Precision production, craft, and repair occupations	203	41	18	40	215	212	274
Operators, fabricators, and laborers	433	145	16	100	402	277	438
Machine operators, assemblers, and inspectors	275	101	16	76	267	165	302
Transportation and material moving occupations	67	—	—	8	71	54	67
Handlers, equipment cleaners, helpers, and laborers	91	44	—	16	64	58	69
INCOME IN 1979							
Households	1 895	822	193	486	1 532	1 483	1 892
Less than \$5,000	509	300	72	159	267	392	317
\$5,000 to \$7,499	167	162	47	63	163	137	198
\$7,500 to \$9,999	231	90	32	57	172	113	204
\$10,000 to \$14,999	390	110	—	55	369	394	266
\$15,000 to \$19,999	192	81	21	52	248	155	309
\$20,000 to \$24,999	192	47	—	25	140	142	287
\$25,000 to \$34,999	133	26	15	70	128	111	218
\$35,000 to \$49,999	54	—	6	5	45	39	81
\$50,000 or more	27	6	—	—	—	—	12
Median	\$10 487	\$6 713	\$6 303	\$8 421	\$11 943	\$11 162	\$14 167
Mean	\$13 279	\$9 258	\$9 202	\$11 912	\$13 461	\$12 340	\$15 691
Families	1 128	308	112	247	1 013	738	1 418
Median income	\$13 417	\$9 907	\$8 654	\$16 103	\$12 798	\$13 416	\$17 292
Mean income	\$16 414	\$12 089	\$12 493	\$16 664	\$14 559	\$15 277	\$18 011
Unrelated individuals 15 years and over	1 114	576	107	284	632	894	666
Median income	\$4 664	\$4 781	\$3 603	\$4 277	\$8 403	\$6 027	\$4 942
Mean income	\$6 303	\$6 515	\$4 096	\$5 836	\$9 225	\$7 835	\$6 683
Per capita income	\$5 495	\$5 031	\$4 393	\$6 073	\$5 823	\$5 319	

Table P-14. Social and Labor Force Characteristics of Black Persons: 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]

Census Tracts [400 or More Black Persons]	Muskegon County					Oceana County	Muskegon city, Muskegon County			
	The SMSA	Total	Muskegon city	Muskegon Heights city	Norton Shores city		Remainder	Troct 0001*	Troct 0002	Troct 0003
NATIVITY										
Total persons	19 390	19 366	8 714	9 138	317	1 197	24	919	1 011	2 288
Native	19 357	19 333	8 696	9 123	317	1 197	...	919	993	2 288
Foreign born	33	33	18	15	-	-	...	-	18	-
LANGUAGE SPOKEN AT HOME AND ABILITY TO SPEAK ENGLISH										
Persons 5 to 17 years	5 954	5 954	2 735	2 771	106	342	...	296	322	765
Speak a language other than English at home	91	91	30	42	6	13	...	8	-	-
Percent who speak English not well or not at all	11.0	11.0	16.7	-	-	38.5	...	-	-	-
Persons 18 years and over	11 292	11 268	4 966	5 368	162	772	...	530	592	1 238
Speak a language other than English at home	198	198	81	88	12	17	...	9	-	21
Percent who speak English not well or not at all	13.1	13.1	16.0	6.8	58.3	-	...	-	-	38.1
SCHOOL ENROLLMENT										
Persons 3 years old and over enrolled in school	7 269	7 269	3 347	3 332	132	458	...	334	419	832
Nursery school	296	296	101	168	19	8	...	5	18	17
Kindergarten	365	365	169	169	11	16	...	18	20	49
Elementary (1 to 8 years)	3 700	3 700	1 691	1 740	65	204	...	201	171	432
High school (1 to 4 years)	2 171	2 171	1 014	963	22	172	...	66	161	279
College	737	737	372	292	15	58	...	44	49	55
YEARS OF SCHOOL COMPLETED										
Persons 25 years old and over	8 699	8 675	3 750	4 158	146	621	...	423	446	1 006
Elementary: 0 to 4 years	740	735	257	383	9	86	...	7	40	101
5 to 7 years	978	976	386	503	3	84	...	26	77	109
8 years	777	765	333	367	19	46	...	25	25	134
High school: 1 to 3 years	1 985	1 982	782	1 063	5	132	...	69	90	242
4 years	2 720	2 718	1 321	1 206	40	151	...	166	185	268
College: 1 to 3 years	1 104	1 104	527	477	28	72	...	66	22	133
4 or more years	395	395	144	159	42	50	...	64	7	19
FERTILITY										
Women 35 to 44 years	905	905	401	412	32	60	...	49	73	97
Children ever born	3 610	3 610	1 689	1 535	116	270	...	161	273	451
Per 1,000 women	3 989	3 989	4 212	3 726	3 625	4 500	...	3 286	3 740	4 649
RESIDENCE IN 1975										
Persons 5 years and over	17 358	17 332	7 733	8 230	179	1 190	...	757	872	2 007
Same house	10 666	10 640	4 096	5 595	124	825	...	452	608	999
Different house in United States	6 647	6 647	3 603	2 624	55	365	...	305	264	995
Central city of this SMSA	4 793	4 793	2 605	1 962	30	196	...	248	220	790
Remainder of this SMSA	416	416	205	125	25	61	...	-	32	69
Outside this SMSA	1 438	1 438	793	537	-	108	...	57	12	136
Different SMSA	1 267	1 267	751	408	-	108	...	42	12	121
Abroad	45	45	34	11	-	-	...	-	-	13
JOURNEY TO WORK										
Workers 16 years and over	4 505	4 499	2 029	2 131	118	221	...	371	258	443
Private vehicle: Drive alone	2 931	2 931	1 370	1 321	96	144	...	288	177	246
Carpool	1 141	1 139	484	589	10	56	...	50	57	135
Public transportation	149	149	81	68	-	-	...	33	-	17
Other means or worked at home	284	280	94	153	12	21	...	-	24	45
Mean travel time to work	17.5	17.5	17.9	17.2	12.6	18.3	...	17.0	20.2	12.7
Worked in SMSA of residence	3 577	3 577	1 629	1 711	48	189	...	293	147	346
Central city	3 113	3 113	1 420	1 526	48	119	...	235	139	313
Outside central city	464	464	209	185	-	70	...	58	8	33
Worked outside SMSA of residence	406	406	163	217	-	26	...	15	11	-
Place of work not reported	276	273	111	121	25	16	...	37	-	7
LABOR FORCE STATUS										
Persons 16 years and over	12 369	12 345	5 456	5 866	173	850	...	560	676	1 362
Labor force	6 072	6 066	2 580	3 000	143	343	...	413	363	588
Percent of persons 16 years and over	49.1	49.1	47.3	51.1	82.7	40.4	...	73.8	53.7	43.2
Employed	4 878	4 872	2 143	2 366	126	237	...	370	310	469
Unemployed	1 187	1 187	430	634	17	106	...	36	53	119
Percent of civilian labor force	19.6	19.6	16.7	21.1	11.9	30.9	...	8.9	14.6	20.2
Female, 16 years and over	6 569	6 557	2 784	3 276	90	407	...	303	365	732
Labor force	3 023	3 021	1 360	1 471	60	130	...	205	173	348
Percent of female, 16 years and over	46.0	46.1	48.9	44.9	66.7	31.9	...	67.7	47.4	47.5
Employed	2 459	2 457	1 166	1 141	57	93	...	185	159	290
Unemployed	564	564	194	330	3	37	...	20	14	58
Percent of civilian labor force	18.7	18.7	14.3	22.4	5.0	28.5	...	9.8	8.1	16.7
With own children under 6 years	1 593	1 593	705	768	47	73	...	76	59	220
In labor force	733	733	284	376	36	37	...	35	22	90
Married, husband present	2 344	2 334	928	1 167	57	182	...	129	144	244
In labor force	1 226	1 224	563	556	39	66	...	79	87	147
Civilian persons 16 to 19 years	1 838	1 838	749	943	11	135	...	45	139	174
Not enrolled in school	332	332	103	218	-	11	...	13	14	17
Not high school graduate	137	137	37	91	-	9	...	13	10	5
Employed	46	46	21	25	-	-	...	7	5	-
Unemployed	19	19	-	19	-	-	...	-	-	-
Not in labor force	72	72	16	47	-	9	...	6	5	5
LABOR FORCE STATUS IN 1979										
Persons 16 years and over, in labor force in 1979	7 203	7 195	3 333	3 248	155	459	...	438	426	762
Percent of persons 16 years and over	58.2	58.3	61.1	55.4	89.6	54.0	...	78.2	63.0	55.9
Worked in 1979	6 604	6 596	3 058	2 985	150	403	...	426	404	667
40 or more weeks	4 054	4 048	1 794	1 925	97	222	...	357	210	387
Usually worked 35 or more hours per week	3 450	3 444	1 528	1 640	86	190	...	325	157	319
50 to 52 weeks	2 983	2 979	1 308	1 439	79	153	...	277	154	245
Usually worked 35 or more hours per week	2 664	2 660	1 180	1 268	79	133	...	266	125	222
With unemployment in 1979	2 467	2 465	1 160	1 071	42	192	...	86	147	343
Percent of those in labor force in 1979	34.2	34.3	34.8	33.0	27.1	41.8	...	19.6	34.5	45.0
Unemployed 15 or more weeks	1 227	1 225	517	587	26	95	...	18	76	160
Mean weeks of unemployment	20.7	20.7	18.9	22.5	19.1	21.9	...	11.9	20.7	20.7
DISABILITY STATUS OF NONINSTITUTIONAL PERSONS										
Persons 16 to 64 years	10 523	10 517	4 541	5 148	155	673	...	515	626	1 184
With a work disability	1 919	1 919	755	1 002	6	156	...	40	95	215
Prevented from working	1 330	1 330	484	716	3	127	...	26	58	148
With a public transportation disability	532	532	183	283	-	66	...	18	11	68
Persons 65 years and over	1 282	1 264	429	693	11	131	...	25	50	171
With a public transportation disability	308	304	42	248	-	14	...	-	-	13

Table P-14. Social and Labor Force Characteristics of Black Persons: 1980—Con.

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

Census Tracts [400 or More Black Persons]	Muskegon city, Muskegon County—Con.			Muskegon Heights city, Muskegon County					Totals for split tracts in Muskegon County	
	Tract 0004 ^a	Tract 0005	Tract 0006.02	Tract 0011	Tract 0012	Tract 0013	Tract 0014.01	Tract 0014.02	Tract 0001	Tract 0004
NATIVITY										
Total persons	1 325	1 338	1 359	351	3 414	3 754	806	813	919	1 325
Native	1 325	1 338	1 359	345	3 414	3 745	806	813	919	1 325
Foreign born	—	—	—	6	—	9	—	—	—	—
LANGUAGE SPOKEN AT HOME AND ABILITY TO SPEAK ENGLISH										
Persons 5 to 17 years	298	498	437	53	1 123	1 080	272	243	296	298
Speak a language other than English at home	5	—	5	—	38	4	—	—	8	5
Percent who speak English not well or not at all	—	—	100.0	—	—	—	—	—	—	—
Persons 18 years and over	917	660	763	266	1 939	2 295	405	463	530	917
Speak a language other than English at home	12	—	12	14	18	53	3	—	9	12
Percent who speak English not well or not at all	41.7	—	—	42.9	—	—	—	—	—	41.7
SCHOOL ENROLLMENT										
Persons 3 years old and over enrolled in school	516	570	515	100	1 375	1 288	282	287	334	516
Nursery school	23	15	16	8	63	75	4	18	5	23
Kindergarten	6	40	28	5	67	81	16	—	18	6
Elementary (1 to 8 years)	257	290	296	28	753	623	192	144	201	257
High school (1 to 4 years)	71	203	159	51	342	393	65	112	66	71
College	159	22	16	8	150	116	5	13	44	159
YEARS OF SCHOOL COMPLETED										
Persons 25 years old and over	623	501	584	199	1 475	1 804	302	378	423	623
Elementary: 0 to 4 years	33	29	37	31	115	192	5	40	7	33
5 to 7 years	45	38	78	—	175	275	15	38	26	45
8 years	17	67	48	31	94	197	17	28	25	17
High school: 1 to 3 years	109	84	168	50	389	474	80	70	69	109
4 years	276	174	187	62	430	500	101	113	166	276
College: 1 to 3 years	117	92	62	16	226	147	44	44	66	117
4 or more years	26	17	4	9	46	19	40	45	64	26
FERTILITY										
Women 35 to 44 years	40	73	47	23	164	147	30	48	49	40
Children ever born	166	393	175	38	605	602	158	132	161	166
Per 1,000 women	4 150	5 384	3 723	1 652	3 689	4 095	5 267	2 750	3 286	4 150
RESIDENCE IN 1975										
Persons 5 years and over	1 211	1 180	1 230	368	3 081	3 365	728	688	757	1 211
Same house	569	667	451	194	1 991	2 541	415	454	452	569
Different house in United States	642	513	779	163	1 090	824	313	234	305	642
Central city of this SMSA	280	430	532	89	933	606	207	127	248	280
Remainder of this SMSA	12	13	79	14	17	30	—	64	—	12
Outside this SMSA	350	70	168	60	140	188	106	43	57	350
Different SMSA	338	70	168	46	63	188	96	15	42	338
Abroad	—	—	—	11	—	—	—	—	—	—
JOURNEY TO WORK										
Workers 16 years and over	293	234	285	72	932	691	212	224	371	293
Private vehicle: Drive alone	231	156	190	43	554	432	156	136	288	231
Carpool	62	53	69	23	294	173	39	60	50	62
Public transportation	—	21	10	—	17	39	—	12	33	—
Other means or worked at home	—	4	16	6	67	47	17	16	—	—
Mean travel time to work	14.9	20.5	24.5	16.8	15.6	20.1	15.4	16.5	17.0	14.9
Worked in SMSA of residence	263	184	205	53	634	578	226	220	293	263
Central city	239	155	158	24	582	515	201	204	235	239
Outside central city	24	29	47	29	52	63	25	16	58	24
Worked outside SMSA of residence	27	51	30	—	97	77	—	43	15	27
Place of work not reported	—	17	44	10	76	35	—	—	37	—
LABOR FORCE STATUS										
Persons 16 years and over	941	766	846	274	2 118	2 524	446	504	560	941
Labor force	333	339	366	112	1 272	1 053	264	299	413	333
Percent of persons 16 years and over	35.4	44.3	43.3	40.9	60.1	41.7	59.2	59.3	73.8	35.4
Employed	293	248	296	91	1 022	793	222	238	370	293
Unemployed	40	91	70	21	250	260	42	61	36	40
Percent of civilian labor force	12.0	26.8	19.1	18.8	19.7	24.7	15.9	20.4	8.9	12.0
Female, 16 years and over	316	448	465	172	1 141	1 404	279	280	303	316
Labor force	187	184	168	46	627	502	145	151	205	187
Percent of female, 16 years and over	59.2	41.1	36.1	26.7	55.0	35.8	52.0	53.9	67.7	59.2
Employed	152	150	143	46	500	361	120	114	185	152
Unemployed	35	34	25	—	127	141	25	37	20	35
Percent of civilian labor force	18.7	18.5	14.9	—	20.3	28.1	17.2	24.5	9.8	18.7
With own children under 6 years	90	141	86	27	219	325	113	84	76	90
In labor force	46	43	28	—	115	128	92	41	35	46
Married, husband present	168	119	97	50	413	511	78	115	129	168
In labor force	129	68	38	15	218	212	41	70	79	129
Civilian persons 16 to 19 years	52	155	113	45	347	386	76	89	45	52
Not enrolled in school	14	17	9	6	92	76	13	31	13	14
Not high school graduate	—	—	9	—	37	40	5	9	13	—
Employed	—	—	9	—	11	14	—	—	7	—
Unemployed	—	—	—	—	19	—	—	—	—	—
Not in labor force	—	—	—	—	7	26	5	9	6	—
LABOR FORCE STATUS IN 1979										
Persons 16 years and over, in labor force in 1979	559	464	516	115	1 346	1 190	293	304	438	559
Percent of persons 16 years and over	59.4	60.6	61.0	42.0	63.6	47.1	65.7	60.3	78.2	59.4
Worked in 1979	517	421	455	108	1 218	1 098	271	290	426	517
40 or more weeks	297	203	228	80	782	680	185	208	357	297
Usually worked 35 or more hours per week	255	180	206	60	663	565	173	179	325	255
50 to 52 weeks	228	155	168	54	595	504	145	141	277	228
Usually worked 35 or more hours per week	203	139	151	40	519	445	145	119	266	203
With unemployment in 1979	160	199	198	35	527	380	82	47	86	160
Percent of those in labor force in 1979	28.6	42.9	38.4	30.4	39.2	31.9	28.0	15.5	19.6	28.6
Unemployed 15 or more weeks	57	101	105	12	286	225	48	16	18	57
Mean weeks of unemployment	16.9	19.6	20.3	19.3	22.7	23.4	22.9	15.6	11.9	16.9
DISABILITY STATUS OF NONINSTITUTIONAL PERSONS										
Persons 16 to 64 years	534	725	666	224	1 975	2 095	412	442	515	534
With a work disability	85	161	94	29	444	442	31	56	40	85
Prevented from working	52	91	59	22	322	318	21	33	26	52
With a public transportation disability	29	25	27	—	141	127	15	—	18	29
Persons 65 years and over	36	41	92	50	143	404	34	62	25	36
With a public transportation disability	—	14	5	25	92	107	20	4	—	—

Table P-15. Occupation, Income in 1979, and Poverty Status in 1979 of Black Persons: 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.]

Census Tracts [400 or More Black Persons]	Muskegon County						Muskegon city, Muskegon County			
	The SMSA	Total	Muskegon city	Muskegon Heights city	Norton Shores city	Remoinder	Oceano County	Tract 0001*	Tract 0002	Tract 0003
OCCUPATION										
Employed persons 16 years and over	4 878	4 872	2 143	2 366	126	237	...	370	310	469
Managerial and professional specialty occupations	532	532	181	249	54	48	...	72	7	25
Executive, administrative, and managerial occupations	157	157	34	96	27	—	...	21	—	10
Professional specialty occupations	375	375	147	153	27	48	...	51	7	15
Technical, sales, and administrative support occupations	987	987	466	463	18	40	...	112	50	100
Technicians and related support occupations	96	96	42	47	—	7	...	6	—	25
Sales occupations	181	181	77	99	5	—	...	26	6	10
Administrative support occupations, including clerical	710	710	347	317	13	33	...	80	44	65
Service occupations	1 121	1 117	517	557	16	27	...	38	95	179
Private household occupations	47	47	19	26	—	2	...	5	—	—
Protective service occupations	70	70	39	31	—	—	...	—	—	15
Service occupations, except protective and household	1 004	1 000	459	500	16	25	...	33	95	164
Farming, forestry, and fishing occupations	29	29	12	10	—	7	...	—	—	—
Precision production, craft, and repair occupations	442	442	179	232	—	31	...	37	39	25
Operators, fabricators, and laborers	1 767	1 765	788	855	38	84	...	111	119	140
Machine operators, assemblers, and inspectors	1 233	1 231	507	646	28	50	...	81	50	100
Transportation and material moving occupations	248	248	130	103	—	15	...	14	24	12
Handlers, equipment cleaners, helpers, and laborers	286	286	151	106	10	19	...	16	45	28
INCOME IN 1979										
Households	5 627	5 613	2 433	2 737	88	355	14	343	280	682
Less than \$5,000	1 263	1 259	554	632	8	65	4	36	66	191
\$5,000 to \$7,499	736	736	298	393	5	40	—	29	31	131
\$7,500 to \$9,999	660	654	318	307	4	25	6	51	29	89
\$10,000 to \$14,999	917	917	400	433	18	66	—	53	61	85
\$15,000 to \$19,999	834	832	361	371	14	86	2	70	44	83
\$20,000 to \$24,999	490	488	232	215	6	35	2	54	28	53
\$25,000 to \$34,999	484	484	179	281	9	15	—	35	11	27
\$35,000 to \$49,999	201	201	83	83	12	23	—	12	5	23
\$50,000 or more	42	42	8	22	12	—	—	3	5	—
Median	\$10 697	\$10 711	\$10 465	\$10 368	\$18 750	\$13 073	\$8 750	\$15 116	\$11 094	\$8 034
Mean	\$13 444	\$13 454	\$13 068	\$13 376	\$24 290	\$14 018	\$9 278	\$16 138	\$13 030	\$11 035
Families	4 409	4 397	1 889	2 149	69	290	12	213	230	520
Median income	\$11 888	\$11 899	\$11 352	\$11 856	\$21 875	\$14 605	\$9 167	\$15 931	\$11 875	\$9 273
Mean income	\$14 476	\$14 486	\$13 868	\$14 540	\$28 443	\$14 783	\$10 723	\$16 777	\$13 698	\$12 375
Unrelated individuals 15 years and over	1 681	1 679	776	787	29	87	...	144	77	231
Median income	\$4 897	\$4 904	\$5 394	\$4 747	\$3 900	\$4 577	...	\$11 238	\$4 750	\$3 446
Mean income	\$7 006	\$7 014	\$7 551	\$6 430	\$6 431	\$7 703	...	\$14 142	\$6 648	\$4 659
Per capita income	\$3 955	\$3 953	\$3 836	\$3 970	\$6 382	\$4 035	...	\$5 959	\$3 612	\$3 328
Households	5 627	5 613	2 433	2 737	88	355	14	343	280	682
With earnings	3 942	3 936	1 741	1 867	83	245	6	299	214	413
Mean earnings	\$14 465	\$14 471	\$13 523	\$14 895	\$24 291	\$14 653	\$10 620	\$16 243	\$12 644	\$11 742
With Social Security income	1 668	1 656	671	850	15	120	12	26	76	255
Mean Social Security income	\$4 251	\$4 250	\$4 078	\$4 417	\$2 285	\$4 281	\$4 332	\$8 717	\$3 060	\$3 613
With public assistance income	1 643	1 643	715	829	17	82	—	42	74	256
Mean public assistance income	\$3 674	\$3 674	\$3 461	\$3 607	\$3 726	\$6 192	—	\$3 371	\$4 650	\$2 832
MEAN FAMILY INCOME IN 1979 BY FAMILY TYPE										
Families	\$14 476	\$14 486	\$13 868	\$14 540	\$28 443	\$14 783	\$10 723	\$16 777	\$13 698	\$12 375
With own children under 18 years	\$14 010	\$14 009	\$13 440	\$13 709	\$26 749	\$17 146	\$16 015	\$16 258	\$13 296	\$11 877
Married-couple families	\$18 927	\$18 968	\$18 488	\$19 142	\$31 521	\$16 406	\$10 723	\$19 012	\$16 771	\$17 356
With own children under 18 years	\$20 440	\$20 447	\$19 364	\$20 781	\$30 304	\$20 956	\$16 015	\$19 443	\$19 253	\$17 835
Female householder, no husband present	\$9 027	\$9 027	\$8 910	\$9 051	\$4 973	\$10 466	—	\$11 480	\$9 332	\$8 157
With own children under 18 years	\$7 881	\$7 881	\$7 887	\$7 817	\$4 973	\$9 201	—	\$8 440	\$6 415	\$7 763
ALL INCOME LEVELS IN 1979										
Families	4 409	4 397	1 889	2 149	69	290	12	213	230	520
Householder worked in 1979	2 693	2 689	1 168	1 302	69	150	4	167	134	279
With related children under 18 years	3 308	3 306	1 534	1 536	57	179	2	191	175	416
Female householder, no husband present	1 871	1 871	869	916	8	78	—	60	95	261
Householder worked in 1979	971	971	471	466	8	26	—	32	49	138
With related children under 18 years	1 633	1 633	778	790	8	57	—	52	82	250
With related children under 6 years	960	960	446	482	8	24	—	22	39	146
Householder 65 years and over	544	534	174	280	6	74	...	10	10	63
Unrelated individuals for whom poverty status is determined	1 681	1 679	776	787	29	87	...	144	77	231
65 years and over	387	385	147	216	5	17	...	7	27	71
Persons for whom poverty status is determined	18 656	18 632	8 140	9 043	310	1 139	...	886	1 011	2 269
Related children under 18 years	7 872	7 872	3 623	3 684	155	410	...	376	414	1 027
Related children 5 to 17 years	5 810	5 810	2 649	2 728	106	327	...	283	317	742
60 years and over	1 995	1 975	657	1 123	11	184	...	45	93	248
65 years and over	1 282	1 264	429	693	11	131	...	25	50	171
INCOME IN 1979 BELOW POVERTY LEVEL										
Families	1 223	1 221	581	571	12	57	2	40	74	204
Percent below poverty level	27.7	27.8	30.8	26.6	17.4	19.7	16.7	18.8	32.2	39.2
Householder worked in 1979	387	387	197	174	12	4	—	17	28	62
With related children under 18 years	1 117	1 117	545	508	12	52	—	33	67	193
Female householder, no husband present	953	953	475	435	8	35	—	23	60	162
Householder worked in 1979	287	287	145	130	4	—	—	—	21	51
With related children under 18 years	938	938	471	424	8	35	—	17	60	162
With related children under 6 years	684	684	334	320	8	22	—	13	33	111
Householder 65 years and over	56	54	6	43	—	5	...	—	—	6
Unrelated individuals for whom poverty status is determined	615	613	284	283	10	36	...	7	25	133
Percent below poverty level	36.6	36.5	36.6	36.0	34.5	41.4	...	4.9	32.5	57.6
65 years and over	134	132	61	60	—	11	...	—	15	41
Persons for whom poverty status is determined	5 720	5 714	2 722	2 623	55	314	...	165	296	977
Percent below poverty level	30.7	30.7	33.4	29.0	17.7	27.6	...	18.6	29.3	43.1
Related children under 18 years	3 205	3 205	1 584	1 410	30	181	...	102	154	532
Related children 5 to 17 years	2 137	2 137	1 075	906	18	138	...	76	115	374
60 years and over	334	328	125	170	—	33	...	—	22	82
65 years and over	209	205	67	122	—	16	...	—	15	47
Percent of persons for whom poverty status is determined:										
Below 75 percent of poverty level	19.5	19.5	20.1	19.6	3.2	19.1	...	12.0	16.6	22.8
Below 125 percent of poverty level	39.0	39.0	43.2	36.1	19.4	37.5	...	24.6	49.5	51.6
Below 200 percent of poverty level	61.2	61.2	63.1	59.5	43.2	65.9	...	42.0	65.4	72.1

Table P-15. Occupation, Income in 1979, and Poverty Status in 1979 of Black Persons: 1980—Con.

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

Census Tracts [400 or More Black Persons]	Muskegon city, Muskegon County—Con.			Muskegon Heights city, Muskegon County					Totals for split tracts in Muskegon County	
	Tract 0004 ^a	Tract 0005	Tract 0006.02	Tract 0011	Tract 0012	Tract 0013	Tract 0014.01	Tract 0014.02	Tract 0001	Tract 0004
OCCUPATION										
Employed persons 16 years and over	293	248	296	91	1 022	793	222	238	370	293
Managerial and professional specialty occupations	15	31	15	—	103	21	65	60	72	15
Executive, administrative, and managerial occupations	—	—	—	—	45	—	14	14	21	—
Professional specialty occupations	15	28	15	—	58	8	41	46	51	15
Technical, sales, and administrative support occupations	63	36	76	17	205	146	53	42	112	63
Technicians and related support occupations	5	—	6	6	36	—	5	—	6	5
Sales occupations	6	14	9	6	27	41	8	17	26	6
Administrative support occupations, including clerical	52	22	61	5	142	105	40	25	80	52
Service occupations	53	46	55	18	209	227	29	74	38	53
Private household occupations	—	14	—	—	12	—	—	—	7	—
Protective service occupations	11	—	13	—	6	17	—	—	8	11
Service occupations, except protective and household	42	32	42	18	191	203	29	59	33	42
Farming, forestry, and fishing occupations	—	—	12	—	10	—	—	—	—	—
Precision production, craft, and repair occupations	31	18	15	7	96	95	19	15	37	31
Operators, fabricators, and laborers	131	117	123	49	399	304	56	47	111	131
Machine operators, assemblers, and inspectors	93	77	86	49	309	207	40	41	81	93
Transportation and material moving occupations	8	32	26	—	30	59	8	6	14	8
Handlers, equipment cleaners, helpers, and laborers	30	8	11	—	60	38	8	—	16	30
INCOME IN 1979										
Households	269	368	376	143	936	1 165	226	267	343	269
Less than \$5,000	41	87	107	39	181	304	48	60	36	41
\$5,000 to \$7,499	14	32	53	20	135	196	19	23	29	14
\$7,500 to \$9,999	37	47	52	22	90	115	41	39	51	37
\$10,000 to \$14,999	25	74	75	21	170	198	22	22	53	25
\$15,000 to \$19,999	51	64	37	11	105	147	49	59	70	51
\$20,000 to \$24,999	44	16	21	6	91	97	5	16	54	44
\$25,000 to \$34,999	51	24	31	24	118	66	35	38	35	51
\$35,000 to \$49,999	6	24	—	—	37	29	7	10	12	6
\$50,000 or more	—	—	—	—	9	13	—	—	3	—
Median	\$16 989	\$10 776	\$8 846	\$8 920	\$11 649	\$9 293	\$10 893	\$11 917	\$15 116	\$16 989
Mean	\$16 577	\$13 371	\$10 742	\$11 526	\$14 523	\$12 386	\$14 007	\$14 131	\$16 138	\$16 577
Families	240	325	280	90	766	915	176	202	213	240
Median income	\$18 362	\$11 201	\$9 113	\$10 833	\$12 993	\$10 451	\$13 370	\$12 333	\$15 931	\$18 362
Mean income	\$17 108	\$13 758	\$11 226	\$13 345	\$15 805	\$13 248	\$15 892	\$14 955	\$16 777	\$17 108
Unrelated individuals 15 years and over	29	64	159	59	258	332	66	72	144	29
Median income	\$15 120	\$3 941	\$5 250	\$5 083	\$3 692	\$5 041	\$4 056	\$9 571	\$11 238	\$15 120
Mean income	\$12 186	\$6 796	\$6 462	\$7 580	\$5 812	\$6 074	\$5 457	\$10 238	\$14 142	\$12 186
Per capita income	\$4 230	\$3 498	\$3 294	\$4 711	\$3 976	\$3 813	\$3 901	\$4 420	\$5 959	\$4 230
Households	269	368	376	143	936	1 165	226	267	343	269
With earnings	199	251	276	95	699	705	168	200	299	199
Mean earnings	\$18 241	\$14 181	\$10 453	\$12 761	\$15 312	\$14 098	\$16 168	\$16 189	\$16 243	\$18 241
With Social Security income	63	92	103	38	237	475	41	59	36	63
Mean Social Security income	\$3 664	\$3 798	\$4 410	\$5 859	\$4 997	\$4 290	\$2 714	\$3 358	\$8 717	\$3 664
With public assistance income	52	138	139	6	285	416	57	65	42	52
Mean public assistance income	\$3 809	\$4 682	\$2 699	\$1 355	\$3 370	\$3 706	\$4 819	\$3 151	\$3 371	\$3 809
MEAN FAMILY INCOME IN 1979 BY FAMILY TYPE										
Families	\$17 108	\$13 758	\$11 226	\$13 345	\$15 805	\$13 248	\$15 892	\$14 955	\$16 777	\$17 108
With own children under 18 years	\$16 520	\$13 471	\$10 759	\$6 733	\$14 547	\$12 385	\$15 215	\$16 456	\$16 258	\$16 520
Married-couple families	\$20 756	\$19 724	\$17 609	\$19 652	\$21 625	\$17 178	\$18 500	\$18 785	\$19 012	\$20 756
With own children under 18 years	\$20 598	\$22 189	\$17 527	\$5 005	\$21 837	\$20 293	\$21 556	\$20 057	\$19 443	\$20 598
Female householder, no husband present	\$10 331	\$7 973	\$6 811	\$7 826	\$9 002	\$8 645	\$12 251	\$7 871	\$11 480	\$10 331
With own children under 18 years	\$8 680	\$8 171	\$6 193	\$7 111	\$8 490	\$6 422	\$10 356	\$9 569	\$8 440	\$8 680
ALL INCOME LEVELS IN 1979										
Families	240	325	280	90	766	915	176	202	213	240
Householder worked in 1979	165	204	169	50	519	454	143	136	167	165
With related children under 18 years	187	271	224	50	545	636	157	148	191	187
Female householder, no husband present	84	165	162	48	312	394	97	65	60	84
Householder worked in 1979	48	90	82	19	202	144	69	32	32	48
With related children under 18 years	64	158	135	32	287	335	83	53	52	64
With related children under 6 years	58	88	74	13	151	204	72	42	22	58
Householder 65 years and over	24	27	30	18	74	155	5	28	10	24
Unrelated individuals for whom poverty status is determined	29	64	159	59	258	332	66	72	144	29
65 years and over	—	7	35	12	36	130	29	9	7	—
Persons for whom poverty status is determined	954	1 326	1 263	351	3 398	3 706	780	808	886	954
Related children under 18 years	408	666	576	85	1 443	1 436	375	345	376	408
Related children 5 to 17 years	298	498	417	53	1 098	1 062	272	243	283	298
60 years and over	41	63	135	78	296	625	42	82	45	41
65 years and over	36	41	92	50	143	404	34	62	25	36
INCOME IN 1979 BELOW POVERTY LEVEL										
Families	60	91	106	23	183	286	32	47	40	60
Percent below poverty level	25.0	28.0	37.9	25.6	23.9	31.3	18.2	23.3	18.8	25.0
Householder worked in 1979	8	25	51	15	75	65	6	13	17	8
With related children under 18 years	53	91	102	23	167	257	27	34	33	53
Female householder, no husband present	44	91	89	16	149	218	21	31	23	44
Householder worked in 1979	8	25	34	8	69	48	—	5	—	8
With related children under 18 years	44	91	85	16	143	218	21	26	23	44
With related children under 6 years	44	64	59	8	92	177	21	22	17	44
Householder 65 years and over	—	—	—	—	16	13	5	9	—	—
Unrelated individuals for whom poverty status is determined	—	26	55	17	132	85	28	21	7	—
Percent below poverty level	—	40.6	34.6	28.8	51.2	25.6	42.4	29.2	4.9	—
65 years and over	—	—	5	—	13	27	15	5	—	—
Persons for whom poverty status is determined	281	441	498	94	1 031	1 141	169	188	165	281
Percent below poverty level	29.5	33.3	39.4	26.8	30.3	30.8	21.7	23.3	18.6	29.5
Related children under 18 years	182	279	315	40	585	611	94	80	102	182
Related children 5 to 17 years	115	194	193	16	401	369	73	47	76	115
60 years and over	—	—	21	—	46	76	28	20	—	—
65 years and over	—	—	5	—	29	53	20	20	—	—
Percent of persons for whom poverty status is determined:										
Below 75 percent of poverty level	23.5	14.7	29.4	18.8	19.3	22.3	11.7	16.1	12.0	23.5
Below 125 percent of poverty level	35.0	43.5	49.9	35.9	35.3	40.7	24.5	29.5	24.6	35.0
Below 200 percent of poverty level	39.0	71.1	69.9	53.6	53.2	65.9	59.5	59.4	42.0	39.0

Table P-16. Social and Labor Force Characteristics of American Indian, Eskimo, and Aleut Persons: 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]

**Census Tracts
[400 or More American Indian,
Eskimo, and Aleut Persons]**

	Muskegon County						Oceano County
	The SMSA	Total	Muskegon city	Muskegon Heights city	Norton Shores city	Remainder	
NATIVITY							
Total persons	1 559	1 334	241	111	241	741	225
Native	1 543	1 318	236	104	241	737	225
Foreign born	16	16	5	7	-	4	-
LANGUAGE SPOKEN AT HOME AND ABILITY TO SPEAK ENGLISH							
Persons 5 to 17 years	649	553	100	40	84	329	96
Speak a language other than English at home	21	19	13	-	4	2	2
Percent who speak English not well or not at all	81.0	89.5	100.0	-	100.0	-	-
Persons 18 years and over	767	659	124	59	109	367	108
Speak a language other than English at home	89	71	31	5	14	21	18
Percent who speak English not well or not at all	13.5	14.1	16.1	-	-	23.8	11.1
SCHOOL ENROLLMENT							
Persons 3 years old and over enrolled in school	679	582	102	42	89	349	97
Nursery school	8	8	-	-	5	3	-
Kindergarten	76	71	14	8	19	30	5
Elementary (1 to 8 years)	388	309	49	27	28	205	79
High school (1 to 4 years)	181	168	29	7	37	95	13
College	26	26	10	-	-	16	-
YEARS OF SCHOOL COMPLETED							
Persons 25 years old and over	581	490	102	36	82	270	91
Elementary: 0 to 4 years	35	23	13	-	-	10	12
5 to 7 years	68	57	29	-	-	28	11
8 years	73	57	22	12	5	18	16
High school: 1 to 3 years	127	107	11	10	7	79	20
4 years	248	225	27	14	63	121	23
College: 1 to 3 years	20	16	-	-	7	9	4
4 or more years	10	5	-	-	-	5	5
FERTILITY							
Women 35 to 44 years	91	81	19	4	15	43	10
Children ever born	364	326	62	20	46	198	38
Per 1,000 women	4 000	4 025	3 263	5 000	3 067	4 605	3 800
RESIDENCE IN 1975							
Persons 5 years and over	1 406	1 306	127	48	316	815	100
Some house	596	559	36	10	100	413	37
Different house in United States	810	747	91	38	216	402	63
Central city of this SMSA	415	415	91	-	176	148	-
Remainder of this SMSA	322	266	-	13	40	213	56
Outside this SMSA	73	66	-	25	-	41	7
Different SMSA	73	66	-	25	-	41	7
Abroad	-	-	-	-	-	-	-
JOURNEY TO WORK							
Workers 16 years and over	312	277	37	43	39	158	35
Private vehicle: Drive alone	179	160	17	28	14	101	19
Carpool	79	75	10	5	25	35	4
Public transportation	15	15	10	5	-	-	-
Other means or worked at home	39	27	-	5	-	22	12
Mean travel time to work	19.9	19.3	5.0	20.0	28.2	18.2	24.4
Worked in SMSA of residence	175	157	17	10	15	115	18
Central city	110	105	17	10	15	63	5
Outside central city	65	52	-	-	-	52	13
Worked outside SMSA of residence	45	45	-	-	14	31	-
Place of work not reported	23	17	-	-	13	4	6
LABOR FORCE STATUS							
Persons 16 years and over	887	775	154	66	135	420	112
Labor force	468	421	48	52	80	241	47
Percent of persons 16 years and over	52.8	54.3	31.2	78.8	59.3	57.4	42.0
Employed	325	288	37	43	43	165	37
Unemployed	143	133	11	9	37	76	10
Percent of civilian labor force	30.6	31.6	22.9	17.3	46.3	31.5	21.3
Female, 16 years and over	538	470	92	42	83	253	68
Labor force	230	211	30	28	35	118	19
Percent of female, 16 years and over	42.8	44.9	32.6	66.7	42.2	46.6	27.9
Employed	150	133	19	19	12	83	17
Unemployed	80	78	11	9	23	35	2
Percent of civilian labor force	34.8	37.0	36.7	32.1	65.7	29.7	10.5
With own children under 6 years	109	98	13	4	37	44	11
In labor force	35	33	7	-	5	21	2
Married, husband present	233	190	28	9	29	124	43
In labor force	96	84	7	9	9	56	12
Civilian persons 16 to 19 years	171	166	35	13	39	79	5
Not enrolled in school	50	50	13	6	13	18	-
Not high school graduate	33	33	13	-	7	13	-
Employed	12	12	5	-	7	-	-
Unemployed	2	2	-	-	-	2	-
Not in labor force	19	19	8	-	-	11	-
LABOR FORCE STATUS IN 1979							
Persons 16 years and over, in labor force in 1979	540	475	67	55	80	273	65
Percent of persons 16 years and over	60.9	61.3	43.5	83.3	59.3	65.0	58.0
Worked in 1979	508	443	48	55	75	265	65
40 or more weeks	244	209	17	18	32	142	35
Usually worked 35 or more hours per week	209	179	17	5	32	125	30
50 to 52 weeks	169	144	12	7	32	93	25
Usually worked 35 or more hours per week	156	131	12	-	32	87	25
With unemployment in 1979	245	220	40	31	42	107	25
Percent of those in labor force in 1979	45.4	46.3	59.7	56.4	52.5	39.2	38.5
Unemployed 15 or more weeks	119	111	15	6	18	72	8
Mean weeks of unemployment	16.7	17.1	12.7	10.8	17.2	20.5	13.9
DISABILITY STATUS OF NONINSTITUTIONAL PERSONS							
Persons 16 to 64 years	778	685	107	66	135	377	93
With a work disability	124	108	25	16	16	49	16
Prevented from working	76	63	20	4	16	23	13
With a public transportation disability	33	24	13	4	-	7	9
Persons 65 years and over	85	76	33	-	-	43	9
With a public transportation disability	12	12	6	-	-	6	-

Table P-17. Occupation, Income in 1979, and Poverty Status in 1979 of American Indian, Eskimo, and Aleut Persons: 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]

**Census Tracts
[400 or More American Indian,
Eskimo, and Aleut Persons]**

	Muskegon County						Oceana County
	The SMSA	Total	Muskegon city	Muskegon Heights city	Norton Shores city	Remainder	
OCCUPATION							
Employed persons 16 years and over	325	288	37	43	43	165	37
Managerial and professional specialty occupations	53	48	10	7	—	31	5
Executive, administrative, and managerial occupations	26	21	—	7	—	14	5
Professional specialty occupations	27	27	10	—	—	17	—
Technical, sales, and administrative support occupations	31	29	9	—	7	13	2
Technicians and related support occupations	9	7	—	—	7	—	2
Sales occupations	10	10	5	—	—	5	—
Administrative support occupations, including clerical	12	12	4	—	—	8	—
Service occupations	84	75	10	15	5	45	9
Private household occupations	2	2	—	—	—	2	—
Protective service occupations	11	9	—	9	—	—	2
Service occupations, except protective and household	71	64	10	6	5	43	7
Farming, forestry, and fishing occupations	6	6	—	—	—	6	—
Precision production, craft, and repair occupations	56	49	—	—	13	36	7
Operators, fabricators, and laborers	95	81	8	21	18	34	14
Machine operators, assemblers, and inspectors	75	70	8	16	18	28	5
Transportation and material moving occupations	7	5	—	5	—	—	2
Handlers, equipment cleaners, helpers, and laborers	13	6	—	—	—	6	7
INCOME IN 1979							
Households	319	275	48	31	47	149	44
Less than \$5,000	62	57	23	4	5	25	5
\$5,000 to \$7,499	60	53	7	6	—	40	7
\$7,500 to \$9,999	19	8	6	—	—	2	11
\$10,000 to \$14,999	70	66	4	16	28	18	4
\$15,000 to \$19,999	47	41	—	5	14	22	6
\$20,000 to \$24,999	22	18	8	—	—	10	4
\$25,000 to \$34,999	29	24	—	—	—	24	5
\$35,000 to \$49,999	1	1	—	—	—	1	—
\$50,000 or more	9	7	—	—	—	7	2
Median	\$12 011	\$12 321	\$5 357	\$13 359	\$14 010	\$11 442	\$9 773
Mean	\$13 144	\$12 897	\$8 683	\$11 658	\$12 963	\$14 491	\$14 687
Families	266	227	28	22	43	134	39
Median income	\$13 311	\$13 393	\$9 167	\$12 857	\$14 219	\$13 125	\$11 875
Mean income	\$14 469	\$14 254	\$11 978	\$10 626	\$13 154	\$15 678	\$15 722
Unrelated individuals 15 years and over	114	104	44	12	4	44	10
Median income	\$3 667	\$3 633	\$3 500	\$10 667	\$11 000	\$3 167	\$5 333
Mean income	\$4 666	\$4 594	\$3 349	\$8 525	\$10 900	\$4 193	\$5 420
Per capita income	\$3 370	\$3 342	\$2 385	\$2 898	\$3 496	\$3 670	\$3 534
Households	319	275	48	31	47	149	44
With earnings	219	184	16	27	34	107	35
Mean earnings	\$14 705	\$14 505	\$12 610	\$10 844	\$11 438	\$16 686	\$15 757
With Social Security income	75	70	27	9	—	34	5
Mean Social Security income	\$3 999	\$3 946	\$5 062	\$2 675	—	\$3 395	\$4 740
With public assistance income	105	93	17	6	24	46	12
Mean public assistance income	\$3 523	\$3 467	\$3 230	\$1 445	\$6 316	\$2 332	\$3 958
MEAN FAMILY INCOME IN 1979 BY FAMILY TYPE							
Families	\$14 469	\$14 254	\$11 978	\$10 626	\$13 154	\$15 678	\$15 722
With own children under 18 years	\$15 278	\$14 905	\$13 957	\$8 671	\$13 154	\$16 887	\$17 568
Married-couple families	\$17 698	\$17 703	\$15 600	\$17 275	\$13 889	\$18 873	\$17 673
With own children under 18 years	\$19 841	\$19 846	\$23 760	—	\$13 889	\$21 294	\$19 818
Female householder, no husband present	\$8 112	\$8 224	\$8 356	\$8 671	\$12 310	\$5 283	\$6 802
With own children under 18 years	\$8 311	\$8 437	\$8 356	\$8 671	\$12 310	\$5 570	\$6 321
ALL INCOME LEVELS IN 1979							
Families	266	227	28	22	43	134	39
Householder worked in 1979	182	156	12	18	30	96	26
With related children under 18 years	216	184	22	17	43	102	32
Female householder, no husband present	89	82	14	17	20	31	7
Householder worked in 1979	42	40	4	13	7	16	2
With related children under 18 years	86	79	14	17	20	28	7
With related children under 6 years	25	25	—	11	12	2	—
Householder 65 years and over	28	26	6	—	—	20	2
Unrelated individuals for whom poverty status is determined	114	104	44	12	4	44	10
65 years and over	34	34	21	—	—	13	—
Persons for whom poverty status is determined	1 525	1 310	227	109	241	733	215
Related children under 18 years	774	657	109	50	132	366	117
Related children 5 to 17 years	641	545	92	40	84	329	96
60 years and over	97	84	33	—	—	51	13
65 years and over	85	76	33	—	—	43	9
INCOME IN 1979 BELOW POVERTY LEVEL							
Families	69	59	4	4	5	46	10
Percent below poverty level	25.9	26.0	14.3	18.2	11.6	34.3	25.6
Householder worked in 1979	22	21	—	—	—	21	1
With related children under 18 years	65	56	4	4	5	43	7
Female householder, no husband present	45	40	4	4	5	27	5
Householder worked in 1979	12	12	—	—	—	12	—
With related children under 18 years	42	37	4	4	5	24	5
With related children under 6 years	9	9	—	4	5	—	—
Householder 65 years and over	3	3	—	—	—	3	—
Unrelated individuals for whom poverty status is determined	59	55	23	—	—	32	4
Percent below poverty level	51.8	52.9	52.3	—	—	72.7	40.0
65 years and over	7	7	—	—	—	7	—
Persons for whom poverty status is determined	410	357	95	18	14	230	53
Percent below poverty level	26.9	27.3	41.9	16.5	5.8	31.4	24.7
Related children under 18 years	236	208	61	14	9	124	28
Related children 5 to 17 years	200	175	52	7	5	111	25
60 years and over	13	10	—	—	—	10	3
65 years and over	13	10	—	—	—	10	3
Percent of persons for whom poverty status is determined:							
Below 75 percent of poverty level	13.6	13.6	15.4	16.5	—	17.1	14.0
Below 125 percent of poverty level	33.4	32.5	50.7	30.3	12.9	33.7	38.6
Below 200 percent of poverty level	53.2	54.2	71.4	58.7	64.3	44.9	47.0

Table P-18. Social and Labor Force Characteristics of Asian and Pacific Islander Persons: 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]

**Census Tracts
[400 or More Asian and Pacific
Islander Persons]**

	The SMSA	Muskegon County					Oceano County
		Total	Muskegon city	Muskegon Heights city	Norton Shores city	Remainder	
NATIVITY							
Total persons	371	337	126	-	34	177	34
Native	78	62	6	-	20	36	16
Foreign born	293	275	120	-	14	141	18
LANGUAGE SPOKEN AT HOME AND ABILITY TO SPEAK ENGLISH							
Persons 5 to 17 years	96	87	44	-	12	31	9
Speak a language other than English at home	52	48	29	-	12	7	4
Percent who speak English not well or not at all	32.7	35.4	17.2	-	100.0	-	-
Persons 18 years and over	250	228	75	-	22	131	22
Speak a language other than English at home	184	172	65	-	14	93	12
Percent who speak English not well or not at all	5.4	3.5	9.2	-	-	-	33.3
SCHOOL ENROLLMENT							
Persons 3 years old and over enrolled in school	131	119	49	-	17	53	12
Nursery school	9	6	-	-	-	6	3
Kindergarten	7	5	5	-	-	-	2
Elementary (1 to 8 years)	47	45	15	-	12	18	2
High school (1 to 4 years)	35	33	24	-	-	9	2
College	33	30	5	-	5	20	3
YEARS OF SCHOOL COMPLETED							
Persons 25 years old and over	187	172	39	-	22	111	15
Elementary: 0 to 4 years	8	6	6	-	-	-	2
5 to 7 years	11	11	5	-	-	6	-
8 years	-	-	-	-	-	-	-
High school: 1 to 3 years	31	29	10	-	13	6	2
4 years	49	42	7	-	5	30	7
College: 1 to 3 years	47	45	11	-	4	30	2
4 or more years	41	39	-	-	-	39	2
FERTILITY							
Women 35 to 44 years	26	23	-	-	5	18	3
Children ever born	63	51	-	-	10	41	12
Per 1,000 women	2 423	2 217	-	-	2 000	2 278	4 000
RESIDENCE IN 1975							
Persons 5 years and over	282	278	84	-	43	151	4
Same house	103	103	54	-	-	49	-
Different house in United States	130	130	-	-	43	87	-
Central city of this SMSA	58	58	-	-	43	15	-
Remainder of this SMSA	31	31	-	-	-	31	-
Outside this SMSA	41	41	-	-	-	41	-
Different SMSA	41	41	-	-	-	41	-
Abroad	49	45	30	-	-	15	4
JOURNEY TO WORK							
Workers 16 years and over	113	103	11	-	5	87	10
Private vehicle: Drive alone	90	88	5	-	5	78	2
Carpool	16	8	6	-	-	2	8
Public transportation	-	-	-	-	-	-	-
Other means or worked at home	7	7	-	-	-	7	-
Mean travel time to work	15.2	15.2	50.0	-	7.0	10.0	-
Worked in SMSA of residence	65	65	-	-	10	55	-
Central city	25	25	-	-	10	15	-
Outside central city	40	40	-	-	-	40	-
Worked outside SMSA of residence	10	10	10	-	-	-	-
Place of work not reported	12	12	-	-	-	12	-
LABOR FORCE STATUS							
Persons 16 years and over	260	236	83	-	22	131	24
Labor force	132	118	26	-	5	87	14
Percent of persons 16 years and over	50.8	50.0	31.3	-	22.7	66.4	58.3
Employed	113	103	11	-	5	87	10
Unemployed	19	15	15	-	-	-	4
Percent of civilian labor force	14.4	12.7	57.7	-	-	-	28.6
Female, 16 years and over	136	114	22	-	17	75	22
Labor force	57	45	7	-	-	38	12
Percent of female, 16 years and over	41.9	39.5	31.8	-	-	50.7	54.5
Employed	46	38	-	-	-	38	8
Unemployed	11	7	7	-	-	-	4
Percent of civilian labor force	19.3	15.6	100.0	-	-	-	33.3
With own children under 6 years	35	29	-	-	-	29	6
In labor force	7	7	-	-	-	7	-
Married, husband present	94	81	12	-	17	52	13
In labor force	45	38	7	-	-	31	7
Civilian persons 16 to 19 years	44	39	32	-	-	7	5
Not enrolled in school	24	24	24	-	-	-	-
Not high school graduate	24	24	24	-	-	-	-
Employed	-	-	-	-	-	-	-
Unemployed	-	-	-	-	-	-	-
Not in labor force	24	24	24	-	-	-	-
LABOR FORCE STATUS IN 1979							
Persons 16 years and over, in labor force in 1979	171	153	41	-	10	102	18
Percent of persons 16 years and over	65.8	64.8	49.4	-	45.5	77.9	75.0
Worked in 1979	155	137	25	-	10	102	18
40 or more weeks	88	81	5	-	5	71	7
Usually worked 35 or more hours per week	68	64	5	-	5	54	4
50 to 52 weeks	69	64	5	-	5	54	5
Usually worked 35 or more hours per week	64	62	5	-	5	52	2
With unemployment in 1979	73	65	36	-	-	29	8
Percent of those in labor force in 1979	42.7	42.5	87.8	-	-	28.4	44.4
Unemployed 15 or more weeks	28	20	15	-	-	5	8
Mean weeks of unemployment	17.6	15.9	22.3	-	-	7.9	31.0
DISABILITY STATUS OF NONINSTITUTIONAL PERSONS							
Persons 16 to 64 years	246	222	77	-	22	123	24
With a work disability	6	6	-	-	-	6	-
Prevented from working	-	-	-	-	-	-	-
With a public transportation disability	4	4	4	-	-	-	-
Persons 65 years and over	14	14	6	-	-	8	-
With a public transportation disability	-	-	-	-	-	-	-

Table P-19. Occupation, Income in 1979, and Poverty Status in 1979 of Asian and Pacific Islander Persons: 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]

**Census Tracts
[400 or More Asian and Pacific
Islander Persons]**

	Muskegon County						Oceana County
	The SMSA	Total	Muskegon city	Muskegon Heights city	Norton Shores city	Remainder	
OCCUPATION							
Employed persons 16 years and over	113	103	11	-	5	87	10
Managerial and professional specialty occupations	58	56	5	-	5	46	2
Executive, administrative, and managerial occupations	16	16	5	-	5	6	-
Professional specialty occupations	42	40	-	-	-	40	2
Technical, sales, and administrative support occupations	12	6	-	-	-	6	6
Technicians and related support occupations	6	-	-	-	-	-	6
Sales occupations	-	-	-	-	-	-	-
Administrative support occupations, including clerical	6	6	-	-	-	6	-
Service occupations	14	14	-	-	-	14	-
Private household occupations	-	-	-	-	-	-	-
Protective service occupations	-	-	-	-	-	-	-
Service occupations, except protective and household	14	14	-	-	-	14	-
Farming, forestry, and fishing occupations	-	-	-	-	-	-	-
Precision production, craft, and repair occupations	12	12	6	-	-	6	-
Operators, fabricators, and laborers	17	15	-	-	-	15	2
Machine operators, assemblers, and inspectors	2	-	-	-	-	-	2
Transportation and material moving occupations	8	8	-	-	-	8	-
Handlers, equipment cleaners, helpers, and laborers	7	7	-	-	-	7	-
INCOME IN 1979							
Households	102	98	29	-	5	64	4
Less than \$5,000	12	12	12	-	-	-	-
\$5,000 to \$7,499	7	7	-	-	-	7	-
\$7,500 to \$9,999	4	2	-	-	-	2	-
\$10,000 to \$14,999	22	22	12	-	-	10	-
\$15,000 to \$19,999	20	20	5	-	-	15	-
\$20,000 to \$24,999	6	6	-	-	-	6	-
\$25,000 to \$34,999	5	5	-	-	-	5	-
\$35,000 to \$49,999	19	19	-	-	-	19	-
\$50,000 or more	7	5	-	-	-	-	-
Median	\$16 250	\$16 250	\$10 781	-	-	\$19 375	-
Mean	\$24 483	\$22 431	\$9 362	-	-	\$23 855	-
Families	67	63	15	-	-	43	-
Median income	\$17 250	\$17 250	\$5 938	-	-	\$25 568	-
Mean income	\$27 604	\$24 610	\$7 995	-	-	\$23 965	-
Unrelated individuals 15 years and over	95	93	72	-	-	21	2
Median income	\$1000-	\$1000-	\$1000-	-	-	\$15 683	\$7 500
Mean income	\$5 752	\$5 720	\$1 921	-	-	\$18 744	\$7 260
Per capita income	\$7 470	\$7 097	\$2 169	-	\$13 275	\$9 418	\$11 166
Households	102	98	29	-	5	64	4
With earnings	94	92	23	-	-	64	-
Mean earnings	\$21 958	\$19 391	\$7 054	-	-	\$19 090	-
With Social Security income	12	12	10	-	-	2	-
Mean Social Security income	\$3 920	\$3 920	\$3 577	-	-	\$5 635	-
With public assistance income	26	26	19	-	-	7	-
Mean public assistance income	\$3 755	\$3 755	\$3 184	-	-	\$5 305	-
MEAN FAMILY INCOME IN 1979 BY FAMILY TYPE							
Families	\$27 604	\$24 610	\$7 995	-	-	\$23 965	-
With own children under 18 years	\$31 006	\$27 506	\$12 741	-	-	\$23 905	-
Married-couple families	\$37 928	\$32 749	\$17 110	-	-	\$27 480	-
With own children under 18 years	\$40 660	\$34 547	\$17 110	-	-	\$28 456	-
Female householder, no husband present	\$13 223	\$13 836	\$7 280	-	-	\$15 854	-
With own children under 18 years	\$13 223	\$13 836	\$7 280	-	-	\$15 854	-
ALL INCOME LEVELS IN 1979							
Families	67	63	15	-	-	43	-
Householder worked in 1979	49	47	5	-	-	37	-
With related children under 18 years	60	56	15	-	-	36	-
Female householder, no husband present	19	17	4	-	-	13	-
Householder worked in 1979	7	7	-	-	-	7	-
With related children under 18 years	19	17	4	-	-	13	-
With related children under 6 years	15	13	-	-	-	13	-
Householder 65 years and over	-	-	-	-	-	-	-
Unrelated individuals for whom poverty status is determined	95	93	72	-	-	21	2
65 years and over	8	8	6	-	-	2	-
Persons for whom poverty status is determined	371	337	126	-	34	177	34
Related children under 18 years	97	85	27	-	12	46	12
Related children 5 to 17 years	72	63	20	-	12	31	9
60 years and over	28	28	6	-	8	14	-
65 years and over	14	14	6	-	-	8	-
INCOME IN 1979 BELOW POVERTY LEVEL							
Families	13	13	6	-	-	7	-
Percent below poverty level	19.4	20.6	40.0	-	-	16.3	-
Householder worked in 1979	7	7	-	-	-	7	-
With related children under 18 years	13	13	6	-	-	7	-
Female householder, no husband present	7	7	-	-	-	7	-
Householder worked in 1979	7	7	-	-	-	7	-
With related children under 18 years	7	7	-	-	-	7	-
With related children under 6 years	7	7	-	-	-	7	-
Householder 65 years and over	-	-	-	-	-	-	-
Unrelated individuals for whom poverty status is determined	60	60	60	-	-	-	-
Percent below poverty level	63.2	64.5	83.3	-	-	-	-
65 years and over	6	6	6	-	-	-	-
Persons for whom poverty status is determined	84	84	71	-	-	13	-
Percent below poverty level	22.6	24.9	56.3	-	-	7.3	-
Related children under 18 years	11	11	5	-	-	6	-
Related children 5 to 17 years	11	11	5	-	-	6	-
60 years and over	6	6	6	-	-	-	-
65 years and over	6	6	6	-	-	-	-
Percent of persons for whom poverty status is determined:							
Below 75 percent of poverty level	19.1	21.1	51.6	-	-	3.4	-
Below 125 percent of poverty level	24.8	27.3	56.3	-	-	11.9	-
Below 200 percent of poverty level	37.5	40.1	73.8	-	-	23.7	11.8

Table P-20. Social and Labor Force Characteristics of Spanish Origin Persons: 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.]

**Census Tracts
[400 or More Spanish Origin
Persons]**

	Muskegon County						Oceana County
	The SMSA	Total	Muskegon city	Muskegon Heights city	Norton Shores city	Remainder	
NATIVITY							
Total persons	3 620	2 737	1 139	206	361	1 031	883
Native	3 424	2 611	1 081	202	346	982	813
Foreign born	196	126	58	4	15	49	70
LANGUAGE SPOKEN AT HOME AND ABILITY TO SPEAK ENGLISH							
Persons 5 to 17 years	1 221	894	336	69	131	358	327
Speak a language other than English at home	453	249	115	31	43	60	204
Percent who speak English not well or not at all	12.6	9.6	—	25.8	9.3	20.0	16.2
Persons 18 years and over	1 920	1 506	635	114	201	556	414
Speak a language other than English at home	1 183	844	420	77	109	238	339
Percent who speak English not well or not at all	16.0	15.0	23.1	—	13.8	6.3	18.3
SCHOOL ENROLLMENT							
Persons 3 years old and over enrolled in school	1 477	1 104	426	76	178	424	373
Nursery school	67	38	16	3	13	6	29
Kindergarten	110	92	44	9	8	31	18
Elementary (1 to 8 years)	717	491	178	42	78	193	226
High school (1 to 4 years)	443	355	132	18	45	160	88
College	140	128	56	4	34	34	12
YEARS OF SCHOOL COMPLETED							
Persons 25 years old and over	1 324	1 043	417	100	148	378	281
Elementary:							
0 to 4 years	210	135	56	14	31	34	75
5 to 7 years	263	201	113	18	19	51	62
8 years	78	71	26	12	—	33	7
High school:							
1 to 3 years	208	169	47	24	21	77	39
4 years	375	298	112	28	41	117	77
College:							
1 to 3 years	144	128	49	4	24	51	16
4 or more years	46	41	14	—	12	15	5
FERTILITY							
Women 35 to 44 years	180	142	62	8	11	61	38
Children ever born	684	481	191	28	33	229	203
Per 1,000 women	3 800	3 387	3 081	3 500	3 000	3 754	5 342
RESIDENCE IN 1975							
Persons 5 years and over	3 062	2 314	952	137	456	769	748
Same house	1 585	1 253	408	87	261	497	332
Different house in United States	1 450	1 034	517	50	195	272	416
Central city of this SMSA	586	572	309	32	137	94	14
Remainder of this SMSA	417	197	37	18	—	142	220
Outside this SMSA	447	265	171	—	58	36	182
Different SMSA	353	187	114	—	49	24	166
Abroad	27	27	27	—	—	—	—
JOURNEY TO WORK							
Workers 16 years and over	1 027	830	280	47	140	363	197
Private vehicle:							
Drive alone	704	602	216	22	95	269	102
Carpool	242	167	43	13	27	84	75
Public transportation	16	14	—	—	—	—	2
Other means or worked at home	65	47	7	12	18	10	18
Mean travel time to work	21.4	21.1	20.0	13.2	19.8	23.5	22.4
Worked in SMSA of residence	986	780	284	34	190	272	206
Central city	630	616	213	34	167	202	14
Outside central city	356	164	71	—	23	70	192
Worked outside SMSA of residence	133	114	34	10	14	56	19
Place of work not reported	93	88	—	—	5	83	5
LABOR FORCE STATUS							
Persons 16 years and over	2 183	1 717	711	122	235	649	466
Labor force	1 385	1 115	427	50	195	443	270
Percent of persons 16 years and over	63.4	64.9	60.1	41.0	83.0	68.3	57.9
Employed	1 067	855	295	47	146	367	212
Unemployed	318	260	132	3	49	76	58
Percent of civilian labor force	23.0	23.3	30.9	6.0	25.1	17.2	21.5
Female, 16 years and over	1 156	911	381	78	103	349	245
Labor force	610	497	197	19	77	204	113
Percent of female, 16 years and over	52.8	54.6	51.7	24.4	74.8	58.5	46.1
Employed	438	348	104	19	55	170	90
Unemployed	172	149	93	—	22	34	23
Percent of civilian labor force	28.2	30.0	47.2	—	28.6	16.7	20.4
With own children under 6 years	284	213	106	21	19	67	71
In labor force	146	119	49	4	15	51	27
Married, husband present	532	393	155	35	27	176	139
In labor force	291	222	79	14	17	112	69
Civilian persons 16 to 19 years	501	395	155	11	55	174	106
Not enrolled in school	160	123	56	3	9	55	37
Not high school graduate	101	67	28	3	5	31	34
Employed	44	29	15	—	—	14	15
Unemployed	27	22	13	—	—	9	5
Not in labor force	30	16	—	3	5	8	14
LABOR FORCE STATUS IN 1979							
Persons 16 years and over, in labor force in 1979	1 547	1 207	468	59	194	486	340
Percent of persons 16 years and over	70.9	70.3	65.8	48.4	82.6	74.9	73.0
Worked in 1979	1 428	1 097	415	59	189	434	331
40 or more weeks	755	596	197	36	104	259	159
Usually worked 35 or more hours per week	631	502	157	36	88	221	129
50 to 52 weeks	551	454	142	15	86	211	97
Usually worked 35 or more hours per week	474	387	115	15	70	187	87
With unemployment in 1979	589	468	225	22	74	147	121
Percent of those in labor force in 1979	38.1	38.8	48.1	37.3	38.1	30.2	35.6
Unemployed 15 or more weeks	263	212	107	13	27	65	51
Mean weeks of unemployment	17.6	17.8	18.1	12.5	11.9	21.1	16.9
DISABILITY STATUS OF NONINSTITUTIONAL PERSONS							
Persons 16 to 64 years	2 046	1 602	633	109	231	629	444
With a work disability	217	174	59	25	25	65	43
Prevented from working	150	124	51	22	6	45	26
With a public transportation disability	37	30	23	3	—	4	7
Persons 65 years and over	124	102	65	13	4	20	22
With a public transportation disability	32	32	28	—	—	4	—

Table P-21. Occupation, Income in 1979, and Poverty Status in 1979 of Spanish Origin Persons: 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.]

Census Tracts [400 or More Spanish Origin Persons]	Muskegon County						Oceano County
	The SMSA	Total	Muskegon city	Muskegon Heights city	Norton Shores city	Remainder	
OCCUPATION							
Employed persons 16 years and over	1 067	855	295	47	146	367	212
Monerical and professional specialty occupations	71	56	5	—	26	25	15
Executive, administrative, and managerial occupations	46	40	5	—	22	13	6
Professional specialty occupations	25	16	—	—	4	12	9
Technical, sales, and administrative support occupations	189	149	29	5	42	73	40
Technicians and related support occupations	2	—	—	—	—	—	2
Sales occupations	63	58	13	—	21	24	5
Administrative support occupations, including clerical	124	91	16	5	21	49	33
Service occupations	254	223	114	12	20	77	31
Private household occupations	27	27	—	—	—	—	—
Protective service occupations	39	37	21	—	5	11	2
Service occupations, except protective and household	188	159	66	12	15	66	29
Farming, forestry, and fishing occupations	71	30	5	4	9	12	41
Precision production, craft, and repair occupations	140	117	51	10	5	51	23
Operators, fabricators, and laborers	342	280	91	16	44	129	62
Machine operators, assemblers, and inspectors	235	203	74	8	33	88	32
Transportation and material moving occupations	42	28	6	8	11	3	14
Handlers, equipment cleaners, helpers, and laborers	65	49	11	—	—	38	16
INCOME IN 1979							
Households	899	719	326	64	93	236	180
Less than \$5,000	167	121	76	21	8	16	46
\$5,000 to \$7,499	62	39	20	5	—	14	23
\$7,500 to \$9,999	88	77	47	11	9	10	11
\$10,000 to \$14,999	177	147	75	17	12	43	30
\$15,000 to \$19,999	162	127	48	—	22	57	35
\$20,000 to \$24,999	124	104	34	2	13	55	20
\$25,000 to \$34,999	68	59	15	8	6	30	9
\$35,000 to \$49,999	45	39	5	—	23	11	6
\$50,000 or more	6	6	6	—	—	—	—
Median	\$13 899	\$14 334	\$12 500	\$8 864	\$19 135	\$17 885	\$11 190
Mean	\$15 027	\$15 664	\$13 087	\$10 672	\$22 002	\$18 081	\$12 482
Families	752	593	242	47	87	217	159
Median income	\$15 618	\$16 291	\$13 571	\$8 977	\$19 712	\$18 798	\$12 132
Mean income	\$16 404	\$17 225	\$14 703	\$11 938	\$22 970	\$18 880	\$13 341
Unrelated individuals 15 years and over	201	175	113	21	10	31	26
Median income	\$5 404	\$5 596	\$5 405	\$2 643	\$7 167	\$8 214	\$3 286
Mean income	\$6 526	\$6 860	\$6 706	\$5 805	\$6 581	\$8 226	\$4 273
Per capita income	\$3 870	\$4 287	\$3 915	\$3 759	\$5 338	\$4 437	\$2 576
Households	899	719	326	64	93	236	180
With earnings	730	577	238	35	89	215	153
Mean earnings	\$15 342	\$16 219	\$13 154	\$15 139	\$21 822	\$17 469	\$12 035
With Social Security income	238	201	101	14	23	63	37
Mean Social Security income	\$3 725	\$3 799	\$4 077	\$3 848	\$1 137	\$4 313	\$3 326
With public assistance income	223	174	100	20	19	35	49
Mean public assistance income	\$2 928	\$2 844	\$3 059	\$3 418	\$1 581	\$2 588	\$3 227
MEAN FAMILY INCOME IN 1979 BY FAMILY TYPE							
Families	\$16 404	\$17 225	\$14 703	\$11 938	\$22 970	\$18 880	\$13 341
With own children under 18 years	\$17 212	\$18 245	\$15 365	\$12 513	\$24 512	\$20 221	\$13 554
Married-couple families	\$18 476	\$19 922	\$18 908	\$13 906	\$26 646	\$19 895	\$14 190
With own children under 18 years	\$19 698	\$21 592	\$20 247	\$15 554	\$27 604	\$21 834	\$14 389
Female householder, no husband present	\$9 333	\$9 543	\$7 735	\$7 299	\$7 414	\$8 869	\$7 191
With own children under 18 years	\$7 947	\$8 276	\$6 310	\$7 299	\$16 007	\$8 869	\$4 262
ALL INCOME LEVELS IN 1979							
Families	752	593	242	47	87	217	159
Householder worked in 1979	572	449	150	31	79	189	123
With related children under 18 years	589	457	181	38	60	178	132
Female householder, no husband present	157	143	84	14	25	20	14
Householder worked in 1979	76	69	29	9	17	14	7
With related children under 18 years	126	116	66	14	16	20	10
With related children under 6 years	65	60	39	4	9	8	5
Householder 65 years and over	48	37	20	7	—	10	11
Unrelated individuals for whom poverty status is determined	201	175	113	21	10	31	26
65 years and over	48	39	30	3	—	6	9
Persons for whom poverty status is determined	3 596	2 715	1 120	206	361	1 028	881
Related children under 18 years	1 683	1 222	498	92	160	472	461
Related children 5 to 17 years	1 204	885	330	69	131	355	319
60 years and over	174	150	65	24	10	51	24
65 years and over	124	102	65	13	4	20	22
INCOME IN 1979 BELOW POVERTY LEVEL							
Families	169	107	63	17	8	19	62
Percent below poverty level	22.5	18.0	26.0	36.2	9.2	8.8	39.0
Householder worked in 1979	65	28	16	4	—	8	37
With related children under 18 years	144	88	55	13	8	12	56
Female householder, no husband present	90	80	53	9	8	10	10
Householder worked in 1979	19	16	6	4	—	6	3
With related children under 18 years	82	72	45	9	8	10	10
With related children under 6 years	60	55	39	4	4	8	5
Householder 65 years and over	6	4	—	4	—	—	2
Unrelated individuals for whom poverty status is determined	77	61	42	13	—	6	16
Percent below poverty level	38.3	34.9	37.2	61.9	—	19.4	61.5
65 years and over	24	15	6	3	—	6	9
Persons for whom poverty status is determined	825	453	262	73	28	90	372
Percent below poverty level	22.9	16.7	23.4	35.4	7.8	8.8	42.2
Related children under 18 years	446	228	131	33	20	44	218
Related children 5 to 17 years	279	128	61	23	13	31	151
60 years and over	41	28	6	14	—	8	13
65 years and over	34	21	6	7	—	8	13
Percent of persons for whom poverty status is determined:							
Below 75 percent of poverty level	13.2	9.1	13.9	20.9	5.8	2.5	26.0
Below 125 percent of poverty level	26.3	19.4	26.0	44.7	8.9	10.8	47.8
Below 200 percent of poverty level	46.8	41.0	38.2	78.6	29.6	40.4	64.8

Table H-1. Occupancy, Utilization, and Financial Characteristics of Housing Units: 1980

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

Census Tracts	Muskegon County						Oceana County	Muskegon city, Muskegon County				
	The SMSA	Total	Muskegon city	Muskegon Heights city	Norton Shores city	Remainder		Tract 0001 ^a	Tract 0002	Tract 0003	Tract 0004 ^a	Tract 0005
Total housing units	69 635	58 241	16 350	5 408	8 023	28 460	11 394	1 911	422	1 494	2 247	2 522
Vacant seasonal and migratory	3 665	570	24	2	41	503	3 095	—	—	—	3	2
Year-round housing units	65 970	57 671	16 326	5 406	7 982	27 957	8 299	1 911	422	1 494	2 244	2 520
YEAR-ROUND HOUSING UNITS												
Tenure by Race and Spanish Origin of Householder												
Owner-occupied housing units	47 373	41 207	9 028	3 219	6 694	22 266	6 166	467	250	831	1 790	1 287
Percent of occupied housing units	76.5	75.6	59.2	63.1	86.8	84.1	83.1	26.0	64.8	60.3	81.7	55.4
White	43 527	37 499	7 551	1 530	6 592	21 826	6 028	327	73	434	1 536	1 058
Black	3 302	3 292	1 378	1 650	43	221	10	130	177	385	234	201
American Indian, Eskimo, and Aleut	207	163	26	12	19	106	44	2	—	3	5	11
Asian and Pacific Islander ¹	47	44	8	3	12	21	3	—	—	—	—	3
Spanish origin ²	564	455	157	51	61	186	109	9	11	22	35	34
Renter-occupied housing units	14 571	13 319	6 213	1 885	1 018	4 203	1 252	1 328	136	548	401	1 037
White	11 835	10 688	4 905	784	975	4 024	1 147	1 120	17	207	351	810
Black	2 329	2 328	1 128	1 068	21	111	1	188	116	318	35	194
American Indian, Eskimo, and Aleut	131	116	62	11	9	34	15	5	—	9	4	14
Asian and Pacific Islander ¹	43	41	29	3	1	8	2	6	—	—	—	2
Spanish origin ²	399	271	171	27	21	52	128	20	3	24	23	32
Vacancy Status												
Vacant housing units	4 026	3 145	1 085	302	270	1 488	881	116	36	115	53	196
For sale only	522	398	92	39	57	210	124	5	4	14	15	16
Vacant less than 6 months	290	241	58	24	36	123	49	3	2	11	7	8
Median price asked	\$27 300	\$27 500	\$17 500	\$15 400	\$45 000	\$36 800	\$24 400	\$16 300	\$10 000	\$16 700	\$15 000	\$18 800
For rent	1 087	1 021	516	123	97	285	66	97	4	43	9	94
Vacant less than 2 months	416	400	202	48	48	102	16	64	1	26	2	33
Median rent asked	\$160	\$163	\$152	\$140	\$259	\$205	\$128	\$178	\$130	\$134	\$145	\$148
Rented or sold, awaiting occupancy	436	343	150	46	33	114	93	4	6	2	16	22
Held for occasional use	912	576	33	13	19	511	336	—	—	2	—	10
Other vacant	1 069	807	294	81	64	368	262	10	22	54	13	54
Boarded up	123	106	49	21	6	30	17	1	9	16	1	12
Lacking Complete Plumbing for Exclusive Use												
Year-round housing units	981	724	266	89	27	342	257	11	8	39	12	59
Owner-occupied housing units	324	214	46	25	16	127	110	1	2	10	4	6
Renter-occupied housing units	351	293	166	44	8	75	58	9	6	19	7	26
Vacant for rent or for sale only	41	33	15	5	—	13	8	—	—	7	—	3
Rooms												
Year-round housing units	65 970	57 671	16 326	5 406	7 982	27 957	8 299	1 911	422	1 494	2 244	2 520
1 room	415	359	147	55	35	122	56	8	1	10	2	6
2 rooms	1 361	1 232	661	129	71	371	129	126	19	39	17	140
3 rooms	4 615	4 113	1 991	502	283	1 337	502	638	30	104	76	332
4 rooms	13 147	11 445	3 517	1 240	1 506	5 182	1 702	561	78	286	513	478
5 rooms	18 525	16 532	4 437	1 600	2 182	8 313	1 993	323	144	414	856	655
6 rooms	13 714	12 050	2 942	1 063	1 772	6 273	1 664	165	65	322	471	450
7 rooms	7 459	6 300	1 464	488	1 013	3 335	1 159	55	40	182	181	276
8 or more rooms	6 734	5 640	1 167	329	1 120	3 024	1 094	35	45	137	128	183
Median, year-round housing units	5.2	5.2	4.9	5.0	5.5	5.3	5.4	3.8	5.1	5.2	5.1	5.0
Median, occupied housing units	5.3	5.2	5.0	5.0	5.5	5.4	5.5	3.9	5.1	5.3	5.1	5.0
Median, owner-occupied housing units	5.5	5.5	5.5	5.3	5.6	5.5	5.6	5.3	5.4	5.7	5.2	5.5
Median, renter-occupied housing units	4.2	4.2	4.0	4.5	4.5	4.3	4.6	3.5	4.5	4.8	4.8	4.1
Persons in Unit												
Occupied housing units	61 944	54 526	15 241	5 104	7 712	26 469	7 418	1 795	386	1 379	2 191	2 324
1 person	12 665	11 275	4 513	1 288	1 348	4 126	1 390	763	95	316	441	702
2 persons	18 994	16 591	4 656	1 430	2 511	7 994	2 403	460	97	370	738	668
3 persons	10 743	9 608	2 459	885	1 416	4 848	1 135	266	68	248	387	388
4 persons	10 359	9 133	1 885	656	1 382	5 210	1 226	181	53	201	334	272
5 persons	5 496	4 748	992	382	699	2 675	748	81	29	132	192	148
6 persons	2 178	1 880	387	213	226	1 054	298	19	19	51	55	72
7 persons	959	826	223	148	91	364	133	18	15	35	29	44
8 or more persons	550	465	126	102	39	198	85	7	10	26	15	30
Median, occupied housing units	2.46	2.46	2.17	2.38	2.50	2.73	2.47	1.79	2.51	2.51	2.39	2.19
Median, owner-occupied housing units	2.64	2.66	2.35	2.37	2.63	2.88	2.49	2.86	2.56	2.44	2.39	2.33
Median, renter-occupied housing units	2.03	2.01	1.81	2.41	1.98	2.11	2.31	1.46	2.43	2.66	2.37	1.94
Persons Per Room												
Occupied housing units	61 944	54 526	15 241	5 104	7 712	26 469	7 418	1 795	386	1 379	2 191	2 324
1.00 or less	59 788	52 702	14 769	4 762	7 561	25 610	7 086	1 753	350	1 302	2 131	2 237
1.01 to 1.50	1 759	1 521	372	266	129	754	238	36	28	53	50	70
1.51 or more	397	303	100	76	22	105	94	6	8	24	10	17
VALUE												
Specified owner-occupied housing units	37 293	33 949	8 024	2 853	5 766	17 306	3 344	426	220	720	1 672	1 127
Less than \$10,000	2 406	2 199	812	468	224	695	207	19	35	173	148	149
\$10,000 to \$14,999	3 964	3 708	1 526	760	275	1 147	256	56	51	234	312	319
\$15,000 to \$19,999	5 036	4 590	1 758	730	404	1 698	446	91	64	179	396	358
\$20,000 to \$24,999	4 788	4 311	1 290	431	462	2 128	477	80	31	71	310	159
\$25,000 to \$29,999	4 061	3 640	865	207	543	2 025	421	67	11	35	199	67
\$30,000 to \$34,999	4 014	3 585	599	116	642	2 228	429	43	16	10	139	29
\$35,000 to \$39,999	3 022	2 706	389	59	557	1 701	316	24	5	7	75	18
\$40,000 to \$49,999	4 504	4 126	428	56	978	2 664	378	30	3	9	66	15
\$50,000 to \$59,999	2 335	2 133	181	17	595	1 340	202	6	2	2	18	4
\$60,000 to \$79,999	2 051	1 913	137	7	613	1 156	138	9	2	—	8	7
\$80,000 to \$99,999	590	548	33	—	248	267	42	1	—	—	1	2
\$100,000 to \$149,999	368	339	5	1	154	179	29	—	—	—	—	—
\$150,000 to \$199,999	102	100	1	—	44	55	2	—	—	—	—	—
\$200,000 or more	52	51	—	1	27	23	1	—	—	—	—	—
Median	\$27 700	\$27 700	\$19 700	\$16 100	\$38 000	\$32 200	\$28 000	\$22 300	\$16 500	\$14 000	\$19 700	\$16 100
CONTRACT RENT												
Specified renter-occupied housing units	13 638	12 653	6 050	1 838	973	3 792	985	1 268	129	533	393	1 019
Median	\$158	\$159	\$155	\$147	\$209	\$176	\$139	\$177	\$133	\$142	\$153	\$143

¹Excludes "Other Asian and Pacific Islander" groups identified in sample tabulations. ²Persons of Spanish origin may be of any race.

Table H-1. **Occupancy, Utilization, and Financial Characteristics of Housing Units: 1980—Con.**

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

Census Tracts	Muskegon city, Muskegon County—Con.									Muskegon Heights city, Muskegon County		
	Tract 0006.01	Tract 0006.02	Tract 0007	Tract 0008	Tract 0009	Tract 0010	Tract 0010.99	Tract 0018*	Tract 0021	Tract 0011	Tract 0012	Tract 0013
Total housing units	831	1 411	32	1 564	1 663	589	—	—	1 664	291	1 218	1 236
Vacant seasonal and migratory	2	—	—	—	—	16	—	—	1	—	—	—
Year-round housing units	829	1 411	32	1 564	1 663	573	—	—	1 663	291	1 218	1 236
YEAR-ROUND HOUSING UNITS												
Tenure by Race and Spanish Origin of Householder												
Owner-occupied housing units	449	403	1	977	1 324	442	—	—	807	126	737	674
Percent of occupied housing units	58.5	33.0	4.3	67.5	82.0	79.9	—	—	52.4	47.4	64.8	56.9
White	411	220	...	949	1 312	439	—	—	791	44	137	11
Black	34	176	...	20	6	...	—	—	14	80	593	663
American Indian, Eskimo, and Aleut	1	1	—	1	...	—	—	—	—	...	...	...
Asian and Pacific Islander ¹ .....	...	1	—	...	...	...	—	—	...	...	...	...
Spanish origin ²	6	11	—	14	5	2	—	—	8	...	11	3
Renter-occupied housing units	318	819	22	470	290	111	—	—	733	140	400	511
White	274	578	...	444	282	111	—	—	691	69	58	11
Black	29	210	...	12	3	...	—	—	21	70	340	491
American Indian, Eskimo, and Aleut	9	6	—	6	...	—	—	—	7	...	...	...
Asian and Pacific Islander ¹ .....	...	11	—	...	...	...	—	—	...	...	...	...
Spanish origin ²	10	24	—	15	2	3	—	—	15	...	2	4
Vacancy Status												
Vacant housing units	62	189	9	117	49	20	—	—	123	25	81	51
For sale only	5	5	—	5	10	3	—	—	10	2	13	2
Vacant less than 6 months	2	3	—	5	7	3	—	—	7	2	8	—
Median price asked	\$13 800	\$12 500	—	\$15 000	\$25 000	\$25 600	—	—	\$31 700	\$10000—	\$15 800	\$16 300
Far rent	25	89	4	54	5	2	—	—	90	12	22	19
Vacant less than 2 months	5	15	—	25	1	—	—	—	30	4	4	1
Median rent asked	\$135	\$156	\$143	\$120	\$155	\$165	—	—	\$134	\$142	\$151	\$152
Rented or sold, awaiting occupancy	—	28	—	39	18	10	—	—	5	2	8	20
Held for occasional use	5	7	—	3	1	—	—	—	4	—	2	2
Other vacant	27	60	5	16	15	4	—	—	14	9	36	8
Boarded up	3	7	—	—	—	—	—	—	—	5	11	4
Lacking Complete Plumbing for Exclusive Use												
Year-round housing units	15	59	2	32	14	2	—	—	13	18	15	19
Owner-occupied housing units	4	2	...	10	5	—	—	—	2	2	4	6
Renter-occupied housing units	8	51	...	18	9	1	—	—	11	14	7	8
Vacant for rent or for sale only	—	4	—	1	—	—	—	—	—	2	2	—
Rooms												
Year-round housing units	829	1 411	32	1 564	1 663	573	—	—	1 663	291	1 218	1 236
1 room	3	103	1	3	1	2	—	—	7	26	7	5
2 rooms	22	196	17	27	10	8	—	—	40	10	19	33
3 rooms	105	238	4	153	88	25	—	—	198	40	84	76
4 rooms	123	199	5	284	358	96	—	—	536	68	194	250
5 rooms	176	230	2	424	556	171	—	—	486	64	334	421
6 rooms	160	218	1	338	369	136	—	—	247	49	279	280
7 rooms	113	112	2	188	159	68	—	—	88	22	170	98
8 or more rooms	127	115	—	147	122	67	—	—	61	12	131	73
Median, year-round housing units	5.4	4.3	2.4	5.2	5.2	5.4	—	—	4.6	4.5	5.4	5.1
Median, owner-occupied housing units	5.5	4.4	2.9	5.3	5.2	5.4	—	—	4.7	4.5	5.4	5.1
Median, renter-occupied housing units	6.3	6.1	...	5.7	5.3	5.7	—	—	5.3	5.2	5.9	5.3
Median, vacant housing units	4.3	3.3	...	4.3	4.3	4.4	—	—	4.0	3.8	4.7	4.9
Persons in Unit												
Occupied housing units	767	1 222	23	1 447	1 614	553	—	—	1 540	266	1 137	1 185
1 person	234	532	20	421	384	125	—	—	480	97	204	222
2 persons	252	297	3	455	580	217	—	—	519	63	271	307
3 persons	114	158	—	226	273	90	—	—	241	51	211	225
4 persons	83	88	—	183	238	76	—	—	176	21	163	181
5 persons	48	66	—	99	91	24	—	—	82	17	116	110
6 persons	20	32	—	39	32	16	—	—	32	11	77	62
7 persons	10	27	—	20	13	5	—	—	7	3	56	39
8 or more persons	6	22	—	4	3	—	—	—	3	3	39	39
Median, occupied housing units	2.09	1.77	1.07	2.16	2.23	2.20	—	—	2.06	2.07	2.94	2.78
Median, owner-occupied housing units	2.22	2.38	...	2.31	2.32	2.30	—	—	2.18	2.25	3.11	2.41
Median, renter-occupied housing units	1.84	1.45	...	1.80	1.80	1.66	—	—	1.86	1.83	2.72	3.33
Persons Per Room												
Occupied housing units	767	1 222	23	1 447	1 614	553	—	—	1 540	266	1 137	1 185
1.00 or less	752	1 159	23	1 419	1 594	546	—	—	1 503	254	1 036	1 056
1.01 to 1.50	14	39	—	25	19	6	—	—	32	11	77	103
1.51 or more	1	24	—	3	1	1	—	—	5	1	24	26
VALUE												
Specified owner-occupied housing units	376	324	...	815	1 196	406	—	—	742	111	648	610
Less than \$10,000	44	71	...	64	44	15	—	—	50	29	89	107
\$10,000 to \$14,999	67	90	...	155	132	23	—	—	87	42	168	122
\$15,000 to \$19,999	92	60	...	191	195	30	—	—	102	25	179	128
\$20,000 to \$24,999	69	41	...	160	228	37	—	—	104	9	89	121
\$25,000 to \$29,999	43	28	...	94	186	46	—	—	89	2	58	59
\$30,000 to \$34,999	20	9	...	67	133	38	—	—	95	1	27	32
\$35,000 to \$39,999	13	6	...	35	111	41	—	—	54	1	17	17
\$40,000 to \$49,999	15	10	...	29	93	85	—	—	73	2	13	13
\$50,000 to \$59,999	9	4	...	9	44	36	—	—	47	—	7	7
\$60,000 to \$79,999	2	1	...	7	22	43	—	—	36	—	1	2
\$80,000 to \$99,999	1	4	...	4	7	9	—	—	4	—	—	—
\$100,000 to \$149,999	—	—	...	—	—	3	—	—	—	—	—	1
\$150,000 to \$199,999	—	—	...	—	1	—	—	—	—	—	—	—
\$200,000 or more	—	—	...	—	—	—	—	—	—	—	—	1
Median	\$19 000	\$15 100	...	\$19 900	\$25 000	\$36 700	—	—	\$26 400	\$13 200	\$16 500	\$17 500
CONTRACT RENT												
Specified renter-occupied housing units	315	809	21	466	288	109	—	—	700	140	386	493
Median	\$154	\$140	\$142	\$154	\$156	\$157	—	—	\$148	\$137	\$148	\$151

¹Excludes "Other Asian and Pacific Islander" groups identified in sample tabulations. ²Persons of Spanish origin may be of any race.

Table H-1. **Occupancy, Utilization, and Financial Characteristics of Housing Units: 1980—Con.**

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

Census Tracts	Muskegon Heights city, Muskegon County—Con.		Norton Shores city, Muskegon County					Remainder of Muskegon County					
	Tract 0014.01	Tract 0014.02	Tract 0023	Tract 0024	Tract 0025	Tract 0026.01	Tract 0026.02	Tract 0001*	Tract 0004*	Tract 0015	Tract 0016	Tract 0017	Tract 0018*
Total housing units	733	1 930	2 135	1 243	2 265	1 401	979	47	44	1 558	789	1 397	1 103
Vacant seasonal and migratory.....	—	2	24	3	7	1	6	—	—	1	52	7	3
Year-round housing units.....	733	1 928	2 111	1 240	2 258	1 400	973	47	44	1 557	737	1 390	1 100
YEAR-ROUND HOUSING UNITS													
Tenure by Race and Spanish Origin of Householder													
Owner-occupied housing units.....	360	1 322	1 965	762	2 049	1 112	806	33	30	1 233	645	1 244	894
Percent of occupied housing units.....	51.9	72.5	94.4	67.0	93.1	82.1	85.9	71.7	76.9	81.3	91.6	91.9	84.7
White.....	246	1 092	1 944	740	2 032	1 074	802	...	28	1 227	...	1 231	805
Black.....	107	207	8	17	13	4	...	—	—	1	...	...	86
American Indian, Eskimo, and Aleut.....	...	9	...	...	—	15	...	...	...	...	...	...	...
Asian and Pacific Islander ¹.....	...	...	6	...	...	—	—	—	—	...	—	5	—
Spanish origin ²	9	27	13	5	4	36	...	—	...	3	...	8	...
Renter-occupied housing units.....	333	501	117	376	151	242	132	13	9	284	59	109	162
White.....	214	432	115	360	148	224	128	...	9	276	...	107	133
Black.....	111	56	1	15	—	3	...	—	—	6	...	...	28
American Indian, Eskimo, and Aleut.....	...	5	...	...	—	5	...	...	...	...	...	1	...
Asian and Pacific Islander ¹.....	...	...	...	...	—	—	—	—	—	...	—	—	—
Spanish origin ²	8	12	1	3	1	16	...	—	...	2	...	2	...
Vacancy Status													
Vacant housing units.....	40	105	29	102	58	46	35	1	5	40	33	37	44
For sale only.....	1	21	15	4	25	10	3	1	2	16	7	6	12
Vacant less than 6 months.....	—	14	8	1	19	6	2	1	2	11	2	4	9
Median price asked.....	—	\$15 600	\$53 800	\$45 000	\$62 500	\$13 800	\$28 800	\$16 300	\$16 300	\$50 000	\$44 200	\$63 800	\$48 800
For rent.....	29	41	3	71	7	9	7	—	—	2	12	13	17
Vacant less than 2 months.....	20	19	2	37	4	3	2	—	—	2	8	4	4
Median rent asked.....	\$126	\$137	\$190	\$263	\$263	\$145	\$185	—	\$200	\$250	\$157	\$175	\$140
Rented or sold, awaiting occupancy.....	1	15	8	12	1	8	4	—	—	4	—	7	9
Held for occasional use.....	4	5	—	5	8	2	4	—	—	6	3	2	1
Other vacant.....	5	23	3	10	17	17	17	—	1	2	10	5	18
Boarded up.....	—	1	1	—	1	1	3	—	—	—	1	1	2
Lacking Complete Plumbing for Exclusive Use													
Year-round housing units.....	16	21	4	2	4	6	11	—	—	8	2	9	25
Owner-occupied housing units.....	3	10	2	—	3	3	8	—	—	3	1	3	7
Renter-occupied housing units.....	9	6	2	2	1	—	3	—	—	5	—	—	3
Vacant for rent or for sale only.....	—	1	—	—	—	—	—	—	—	—	—	2	2
Rooms													
Year-round housing units.....	733	1 928	2 111	1 240	2 258	1 400	973	47	44	1 557	737	1 390	1 100
1 room.....	10	7	3	18	—	7	7	—	—	6	—	6	3
2 rooms.....	36	31	4	34	5	15	13	—	2	22	15	7	17
3 rooms.....	138	164	50	75	22	91	45	2	5	92	25	19	14
4 rooms.....	160	568	223	184	250	581	268	13	10	195	101	124	188
5 rooms.....	207	574	530	339	606	397	310	15	14	337	226	361	359
6 rooms.....	123	332	556	254	569	203	190	5	7	315	178	377	270
7 rooms.....	32	166	335	137	389	62	90	8	4	238	96	247	135
8 or more rooms.....	27	86	410	199	417	44	50	4	2	352	96	249	114
Median, year-round housing units.....	4.6	4.8	5.9	5.4	5.9	4.5	5.0	5.1	4.9	5.9	5.5	6.0	5.4
Median, owner-occupied housing units.....	4.6	4.9	5.9	5.5	5.9	4.5	5.0	5.1	4.9	5.9	5.6	6.0	5.4
Median, owner-occupied housing units.....	5.2	5.0	6.0	6.1	6.0	4.6	5.1	5.2	5.1	6.3	5.7	6.1	5.6
Median, renter-occupied housing units.....	3.6	4.3	5.2	4.4	4.9	4.3	4.3	4.4	4.0	3.9	4.2	4.8	4.3
Persons in Unit													
Occupied housing units.....	693	1 823	2 082	1 138	2 200	1 354	938	46	39	1 517	704	1 353	1 056
1 person.....	233	532	290	289	242	368	159	11	6	341	91	132	114
2 persons.....	184	605	586	395	728	467	335	11	12	554	230	402	258
3 persons.....	102	296	423	169	424	227	173	8	6	264	135	284	250
4 persons.....	80	211	468	168	440	158	148	11	10	213	141	348	243
5 persons.....	45	94	217	80	248	75	79	3	3	95	63	126	112
6 persons.....	20	43	65	26	68	34	33	2	1	38	31	43	53
7 persons.....	24	26	20	7	38	20	6	—	1	7	9	14	21
8 or more persons.....	5	16	13	4	12	5	5	—	—	5	4	4	5
Median, occupied housing units.....	2.12	2.13	2.89	2.21	2.81	2.16	2.43	2.63	2.75	2.25	2.73	3.00	3.12
Median, owner-occupied housing units.....	2.47	2.13	2.93	2.50	2.89	2.15	2.45	2.80	2.75	2.40	2.80	3.08	3.18
Median, renter-occupied housing units.....	1.65	2.13	2.41	1.59	2.02	2.24	2.26	2.00	2.75	1.48	2.08	2.26	2.91
Persons Per Room													
Occupied housing units.....	693	1 823	2 082	1 138	2 200	1 354	938	46	39	1 517	704	1 353	1 056
1.00 or less.....	651	1 765	2 050	1 127	2 164	1 304	916	45	38	1 505	693	1 328	1 013
1.01 to 1.50.....	33	42	26	8	35	39	21	1	1	12	9	22	40
1.51 or more.....	9	16	6	3	1	11	1	—	—	—	2	3	3
VALUE													
Specified owner-occupied housing units.....	313	1 171	1 813	665	1 939	727	622	32	26	1 162	533	1 116	805
Less than \$10,000.....	52	191	22	18	7	148	29	5	5	6	12	4	31
\$10,000 to \$14,999.....	77	354	33	22	28	143	49	2	3	7	18	15	51
\$15,000 to \$19,999.....	77	321	64	32	73	140	95	7	5	26	45	55	49
\$20,000 to \$24,999.....	50	162	108	40	116	109	89	11	5	59	57	77	81
\$25,000 to \$29,999.....	20	68	141	57	161	75	109	3	5	75	57	91	79
\$30,000 to \$34,999.....	6	38	250	40	211	35	106	3	2	109	62	111	108
\$35,000 to \$39,999.....	—	18	221	32	215	26	63	1	—	126	46	113	82
\$40,000 to \$49,999.....	—	14	370	114	399	32	63	—	1	211	99	204	175
\$50,000 to \$59,999.....	—	3	220	88	265	10	12	—	—	151	50	163	88
\$60,000 to \$79,999.....	2	2	211	117	273	5	7	—	—	171	54	212	59
\$80,000 to \$99,999.....	—	—	113	39	94	2	—	—	—	83	15	51	2
\$100,000 to \$149,999.....	—	—	50	41	61	2	—	—	—	88	13	17	—
\$150,000 to \$199,999.....	—	—	6	15	23	—	—	—	—	34	4	3	—
\$200,000 or more.....	—	—	4	10	13	—	—	—	—	16	1	—	—
Median.....	\$16 800	\$15 500	\$41 500	\$47 900	\$43 600	\$17 100	\$27 400	\$20 700	\$20 000	\$48 000	\$36 700	\$44 200	\$35 200
CONTRACT RENT													
Specified renter-occupied housing units.....	324	495	114	366	140	235	118	13	9	281	51	99	151
Median.....	\$126	\$150	\$239	\$256	\$255	\$152	\$173	\$150	\$110	\$210	\$171	\$175	\$171

¹Excludes "Other Asian and Pacific Islander" groups identified in sample tabulations. ²Persons of Spanish origin may be of any race.

Table H-1. **Occupancy, Utilization, and Financial Characteristics of Housing Units: 1980—Con.**

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

Census Tracts

	Remainder of Muskegon County—Con.												
	Tract 0019.01	Tract 0019.02	Tract 0020	Tract 0022	Tract 0027	Tract 0028	Tract 0029	Tract 0030	Tract 0031	Tract 0032	Tract 0033	Tract 0034	Tract 0035
Total housing units	738	1 902	1 169	1 695	1 989	1 438	1 493	1 203	897	1 583	1 529	1 090	1 023
Vacant seasonal and migratory.....	—	—	3	—	2	4	1	24	1	8	69	1	40
Year-round housing units.....	738	1 902	1 166	1 695	1 987	1 434	1 492	1 179	896	1 575	1 460	1 089	983
YEAR-ROUND HOUSING UNITS													
Tenure by Race and Spanish Origin of Householder													
Owner-occupied housing units.....	661	1 387	1 006	1 021	1 763	1 229	1 299	957	752	1 303	1 150	913	780
Percent of occupied housing units.....	91.0	73.9	88.4	63.9	91.0	89.1	90.5	86.7	86.4	86.9	84.7	86.3	82.9
White.....	644	1 364	990	1 009	1 735	1 224	1 284	938	730	1 269	1 137	883	770
Black.....	5	9	...	4	8	...	5	...	7	15	...	20	...
American Indian, Eskimo, and Aleut.....	6	5	8	...	11	...	...	7	6	10	3	7	7
Asian and Pacific Islander ¹.....	—	...	...	2	...	...	—	—	—	...	...	...	—
Spanish origin ²	9	18	8	6	10	15	13	15	13	21	9	5	6
Renter-occupied housing units.....	65	491	132	576	175	150	136	147	118	197	207	145	161
White.....	64	472	131	562	167	148	135	145	117	185	202	141	154
Black.....	—	12	...	6	—	...	—	...	—	2	...	3	...
American Indian, Eskimo, and Aleut.....	1	1	—	...	5	...	...	—	1	5	3	1	6
Asian and Pacific Islander ¹.....	—	...	...	5	...	—	—	—	—	...	...	...	—
Spanish origin ²	—	6	2	6	3	4	3	3	2	8	1	—	1
Vacancy Status													
Vacant housing units.....	12	24	28	98	49	55	57	75	26	75	103	31	42
For sale only.....	4	6	10	7	9	8	9	8	5	12	21	9	7
Vacant less than 6 months.....	4	1	9	6	8	7	2	2	4	8	9	1	2
Median price asked.....	\$32 500	\$24 200	\$26 300	\$55 000	\$43 100	\$62 500	\$27 500	\$28 100	\$36 300	\$26 300	\$22 900	\$42 500	\$47 500
For rent.....	1	8	8	78	8	7	9	12	3	10	11	7	7
Vacant less than 2 months.....	1	2	2	28	5	2	1	—	2	5	3	2	2
Median rent asked.....	\$125	\$160	\$170	\$289	\$152	\$128	\$105	\$211	\$213	\$205	\$155	\$165	\$225
Rented or sold, awaiting occupancy.....	—	6	3	5	8	4	3	12	5	3	2	—	2
Held for occasional use.....	1	—	—	1	1	2	6	10	3	19	42	2	2
Other vacant.....	6	4	7	7	23	34	30	33	10	31	27	13	24
Boarded up.....	—	—	—	—	4	2	5	—	—	3	1	—	8
Lacking Complete Plumbing for Exclusive Use													
Year-round housing units.....	6	20	10	6	4	13	26	27	19	19	38	13	17
Owner-occupied housing units.....	4	8	8	—	1	8	13	8	14	5	10	5	9
Renter-occupied housing units.....	1	11	1	6	3	3	6	3	1	4	3	6	4
Vacant for rent or for sale only.....	—	—	—	—	—	—	1	1	1	1	2	2	—
Rooms													
Year-round housing units.....	738	1 902	1 166	1 695	1 987	1 434	1 492	1 179	896	1 575	1 460	1 089	983
1 room.....	1	1	2	23	1	7	1	3	2	8	2	5	3
2 rooms.....	2	84	5	65	9	7	6	5	3	13	16	8	6
3 rooms.....	21	213	49	173	44	33	38	39	35	57	98	54	30
4 rooms.....	141	435	363	207	300	184	196	211	205	436	440	240	160
5 rooms.....	261	583	385	607	673	418	456	295	326	534	391	312	292
6 rooms.....	185	338	199	347	539	360	401	289	188	321	298	280	238
7 rooms.....	87	158	96	153	243	233	211	180	81	114	117	101	131
8 or more rooms.....	40	90	67	120	178	192	183	157	56	92	98	89	123
Median, year-round housing units.....	5.3	4.9	4.9	5.1	5.5	5.7	5.6	5.6	5.1	5.0	4.9	5.3	5.5
Median, occupied housing units.....	5.3	4.9	4.9	5.2	5.5	5.7	5.6	5.7	5.1	5.0	5.0	5.3	5.5
Median, owner-occupied housing units.....	5.4	5.2	4.9	5.7	5.5	5.8	5.7	5.7	5.2	5.1	5.1	5.4	5.6
Median, renter-occupied housing units.....	4.3	3.4	4.9	4.1	4.7	4.6	5.0	5.4	4.5	4.6	4.3	4.2	5.1
Persons in Unit													
Occupied housing units.....	726	1 878	1 138	1 597	1 938	1 379	1 435	1 104	870	1 500	1 357	1 058	941
1 person.....	80	455	198	451	181	138	164	124	114	237	217	160	106
2 persons.....	182	556	408	538	546	444	383	300	220	462	403	297	272
3 persons.....	152	325	196	239	408	250	229	204	173	272	266	186	154
4 persons.....	166	295	176	206	442	285	311	230	198	283	241	239	229
5 persons.....	98	153	93	117	236	157	204	157	100	151	139	109	104
6 persons.....	32	64	45	32	91	68	92	47	41	58	57	37	47
7 persons.....	13	24	13	10	22	25	33	20	15	21	20	18	14
8 or more persons.....	3	6	9	4	12	12	19	22	9	16	14	12	15
Median, occupied housing units.....	3.16	2.37	2.41	2.15	3.09	2.93	3.24	3.13	3.08	2.69	2.72	2.89	3.10
Median, owner-occupied housing units.....	3.20	2.73	2.42	2.63	3.10	3.01	3.33	3.14	3.16	2.69	2.75	2.97	3.01
Median, renter-occupied housing units.....	2.73	1.49	2.36	1.41	3.04	2.43	2.69	3.08	2.65	2.68	2.58	2.44	3.51
Persons Per Room													
Occupied housing units.....	726	1 878	1 138	1 597	1 938	1 379	1 435	1 104	870	1 500	1 357	1 058	941
1.00 or less.....	697	1 816	1 103	1 583	1 877	1 339	1 376	1 041	822	1 432	1 301	1 013	902
1.01 to 1.50.....	26	58	32	12	59	35	53	50	42	58	49	37	36
1.51 or more.....	3	4	3	2	2	5	6	13	6	10	7	8	3
VALUE													
Specified owner-occupied housing units.....	609	1 312	745	966	1 556	967	760	405	540	907	549	655	516
Less than \$10,000.....	35	72	60	3	35	14	32	19	51	55	40	32	23
\$10,000 to \$14,999.....	60	130	111	4	90	44	44	36	69	126	55	59	35
\$15,000 to \$19,999.....	99	231	124	29	123	74	73	43	89	143	84	95	48
\$20,000 to \$24,999.....	94	256	143	72	191	121	98	62	91	139	89	96	65
\$25,000 to \$29,999.....	72	222	90	107	185	102	95	48	70	146	62	75	62
\$30,000 to \$34,999.....	77	169	70	166	225	115	160	48	71	87	82	105	61
\$35,000 to \$39,999.....	56	97	65	148	173	101	92	42	31	69	40	58	46
\$40,000 to \$49,999.....	77	100	59	233	298	169	109	62	43	67	54	96	70
\$50,000 to \$59,999.....	20	28	18	107	133	108	38	24	15	43	19	31	36
\$60,000 to \$79,999.....	15	7	5	85	89	90	16	15	9	28	24	8	32
\$80,000 to \$99,999.....	2	—	—	9	12	13	3	4	—	3	—	—	17
\$100,000 to \$149,999.....	2	—	—	3	1	12	—	1	1	—	—	—	10
\$150,000 to \$199,999.....	—	—	—	—	1	3	—	1	—	—	—	—	6
\$200,000 or more.....	—	—	—	—	—	1	—	—	—	—	—	—	5
Median.....	\$26 300	\$24 300	\$22 200	\$38 400	\$33 400	\$35 700	\$31 200	\$29 300	\$23 000	\$24 600	\$25 400	\$28 200	\$32 000
CONTRACT RENT													
Specified renter-occupied housing units.....	62	484	122	565	158	114	86	83	105	188	165	123	127
Median.....	\$161	\$139	\$152	\$283	\$162	\$195	\$151	\$143	\$158	\$160	\$154	\$153	\$226

¹Excludes "Other Asian and Pacific Islander" groups identified in sample tabulations. ²Persons of Spanish origin may be of any race.

Table H-1. **Occupancy, Utilization, and Financial Characteristics of Housing Units: 1980—Con.**

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

Census Tracts	Remainder of Muskegan County—Con.					Totals for split tracts in Muskegan County			Oceana County				
	Tract 0036	Tract 0037	Tract 0038	Tract 0039	Tract 0040	Tract 0001	Tract 0004	Tract 0018	Tract 0101	Tract 0102	Tract 0103	Tract 0104	Tract 0105
Total housing units	1 322	2 170	1 311	596	374	1 958	2 291	1 103	1 648	2 806	2 239	1 533	3 168
Vacant seasonal and migratory.....	64	147	24	28	24	—	3	3	668	1 574	75	77	701
Year-round housing units.....	1 258	2 023	1 287	568	350	1 958	2 288	1 100	980	1 232	2 164	1 456	2 467
YEAR-ROUND HOUSING UNITS													
Tenure by Race and Spanish Origin of Householder													
Owner-occupied housing units.....	917	1 426	951	446	226	500	1 820	894	730	935	1 627	960	1 914
Percent of occupied housing units.....	81.4	78.5	82.3	92.9	88.6	27.2	81.6	84.7	80.3	85.7	83.9	75.4	86.8
White.....	866	1 418	943	439	218	358	1 564	805	718	927	1 587	931	1 865
Black.....	44	...	...	...	...	130	234	86	...	...	...	...	5
American Indian, Eskimo, and Aleut.....	...	3	...	...	6	4	6	...	6	5	7	...	21
Asian and Pacific Islander ¹.....	...	...	...	...	...	...	...	...	...	...	...	...	...
Spanish origin ²	3	5	7	...	...	9	37	...	6	8	43	25	27
Renter-occupied housing units.....	209	391	204	34	29	1 341	410	162	179	156	312	313	292
White.....	157	383	202	33	29	1 133	360	133	172	136	282	299	258
Black.....	49	...	...	...	...	188	35	28	...	...	...	...	1
American Indian, Eskimo, and Aleut.....	...	4	...	...	...	5	4	...	2	...	4	3	6
Asian and Pacific Islander ¹.....	...	...	...	...	...	6	...	...	...	...	...	...	...
Spanish origin ²	4	3	1	...	...	20	23	...	10	19	35	28	36
Vacancy Status													
Vacant housing units.....	132	204	132	88	95	117	58	44	71	141	225	183	261
For sale only.....	16	15	14	4	2	6	17	12	9	18	35	21	41
Vacant less than 6 months.....	11	8	9	1	2	4	9	9	1	12	19	8	9
Median price asked.....	\$26 300	\$31 300	\$26 300	\$42 500	\$35 000	\$16 300	\$15 600	\$48 800	\$37 500	\$22 100	\$28 800	\$23 800	\$22 500
For rent.....	9	33	10	15	4	97	11	4	5	8	17	17	19
Vacant less than 2 months.....	3	8	4	12	—	64	4	2	—	—	9	2	5
Median rent asked.....	\$125	\$158	\$170	\$157	\$325	\$178	\$155	\$140	\$165	\$115	\$125	\$129	\$127
Rented or sold, awaiting occupancy.....	8	19	13	—	1	4	16	9	4	5	21	31	32
Held for occasional use.....	76	116	81	57	80	—	—	—	19	56	97	73	91
Other vacant.....	23	23	14	12	11	10	14	18	34	54	55	41	78
Boarded up.....	3	—	—	—	—	1	1	2	1	2	1	—	13
Lacking Complete Plumbing for Exclusive Use													
Year-round housing units.....	27	12	6	28	7	11	12	25	17	44	39	42	115
Owner-occupied housing units.....	8	2	3	5	2	1	4	7	8	20	20	8	54
Renter-occupied housing units.....	7	6	1	1	—	9	7	3	2	12	11	14	19
Vacant for rent or for sale only.....	—	—	1	—	—	—	—	2	—	1	1	3	3
Rooms													
Year-round housing units.....	1 258	2 023	1 287	568	350	1 958	2 288	1 100	980	1 232	2 164	1 456	2 467
1 room.....	2	19	14	12	1	8	2	3	5	7	16	18	10
2 rooms.....	11	38	22	7	1	126	19	17	17	17	16	27	52
3 rooms.....	60	112	54	31	39	640	81	14	58	76	109	99	160
4 rooms.....	293	348	197	103	92	574	523	188	191	245	467	255	544
5 rooms.....	395	490	330	152	101	338	870	359	232	306	475	328	652
6 rooms.....	270	423	286	116	43	170	478	270	204	235	448	290	487
7 rooms.....	130	279	184	68	41	41	39	135	137	170	317	231	304
8 or more rooms.....	97	314	200	79	32	39	130	114	136	176	316	208	258
Median, year-round housing units.....	5.2	5.5	5.6	5.4	4.9	3.9	5.1	5.4	5.4	5.4	5.5	5.5	5.2
Median, owner-occupied housing units.....	5.2	5.5	5.7	5.7	5.3	3.9	5.1	5.4	5.4	5.5	5.6	5.6	5.3
Median, owner-occupied housing units.....	5.3	5.8	6.0	5.7	5.4	5.3	5.2	5.6	5.7	5.6	5.8	6.0	5.3
Median, renter-occupied housing units.....	4.7	4.2	4.2	4.4	4.3	3.5	4.8	4.3	4.6	4.9	4.4	4.4	4.8
Persons in Unit													
Occupied housing units.....	1 126	1 817	1 155	480	255	1 841	2 230	1 056	909	1 091	1 939	1 273	2 206
1 person.....	153	386	188	52	27	774	447	114	230	193	340	292	335
2 persons.....	318	594	382	152	70	471	750	258	344	344	575	434	706
3 persons.....	190	304	197	96	60	274	393	250	108	179	328	189	331
4 persons.....	249	325	215	100	54	192	344	243	119	173	337	187	410
5 persons.....	125	139	111	50	30	84	195	112	60	111	218	105	254
6 persons.....	60	49	40	16	10	21	56	53	27	55	85	37	94
7 persons.....	20	13	19	10	2	18	30	21	12	20	33	15	53
8 or more persons.....	11	7	3	4	2	7	15	5	9	16	23	14	23
Median, occupied housing units.....	2.98	2.38	2.54	2.88	3.01	1.81	2.39	3.12	2.15	2.55	2.67	2.29	2.69
Median, owner-occupied housing units.....	2.98	2.58	2.72	2.99	3.07	2.86	2.39	3.18	2.21	2.52	2.74	2.36	2.66
Median, renter-occupied housing units.....	3.01	1.83	2.04	2.15	2.36	1.46	2.37	2.91	1.79	2.67	2.38	2.04	2.82
Persons Per Room													
Occupied housing units.....	1 126	1 817	1 155	480	255	1 841	2 230	1 056	909	1 091	1 939	1 273	2 206
1.00 or less.....	1 063	1 784	1 130	466	243	1 798	2 169	1 013	880	1 041	1 854	1 227	2 084
1.01 to 1.50.....	56	27	17	12	10	37	51	40	23	32	61	31	91
1.51 or more.....	7	6	8	2	2	6	10	3	6	18	24	15	31
VALUE													
Specified owner-occupied housing units.....	735	1 153	824	273	160	458	1 698	805	487	446	966	643	802
Less than \$10,000.....	100	26	14	7	14	24	153	31	15	18	36	40	98
\$10,000 to \$14,999.....	93	38	35	11	11	58	315	51	13	29	66	60	88
\$15,000 to \$19,999.....	78	74	71	22	11	98	401	49	49	48	129	100	120
\$20,000 to \$24,999.....	68	102	100	25	26	91	315	81	43	61	160	97	116
\$25,000 to \$29,999.....	75	137	112	41	14	70	204	79	59	71	144	66	81
\$30,000 to \$34,999.....	84	134	125	36	18	46	141	108	71	70	113	75	100
\$35,000 to \$39,999.....	46	129	91	36	13	25	75	82	52	48	101	50	65
\$40,000 to \$49,999.....	88	240	130	57	22	30	67	175	74	48	111	67	78
\$50,000 to \$59,999.....	45	118	73	21	11	6	18	88	48	20	55	53	26
\$60,000 to \$79,999.....	46	115	46	14	16	9	8	59	35	21	40	22	20
\$80,000 to \$99,999.....	8	27	14	1	3	1	1	2	14	9	9	6	4
\$100,000 to \$149,999.....	4	12	12	1	1	—	—	—	14	3	2	5	5
\$150,000 to \$199,999.....	—	—	—	—	—	—	—	—	—	—	—	—	—
\$200,000 or more.....	—	—	—	—	—	—	—	—	—	—	—	—	—
Median.....	\$26 700	\$37 500	\$33 200	\$34 200	\$31 100	\$22 100	\$19 700	\$35 200	\$34 500	\$29 700	\$27 700	\$26 500	\$24 100
CONTRACT RENT													
Specified renter-occupied housing units.....	194	373	197	24	18	1 281	402	151	158	104	259	269	195
Median.....	\$127	\$174	\$179	\$158	\$165	\$177	\$153	\$171	\$152	\$154	\$145	\$130	\$135

¹Excludes "Other Asian and Pacific Islander" groups identified in sample tabulations. ²Persons of Spanish origin may be of any race.

Table H-2. **Occupancy, Utilization, and Financial Characteristics of Housing Units With a White Householder: 1980**

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

**Census Tracts
[400 or More White Persons and
400 or More of a Specified Racial
Group]**

	The SMSA	Total	Muskegon city	Muskegon Heights city	Norton Shores city	Remainder	Oceano County	Tract 0001 ^a	Tract 0003	Tract 0004 ^b
Occupied housing units	55 362	48 187	12 456	2 314	7 567	25 850	7 175	1 447	641	1 887
LACKING COMPLETE PLUMBING FOR EXCLUSIVE USE										
Owner-occupied housing units	279	181	36	14	16	115	98	1	5	4
Renter-occupied housing units	264	225	123	27	8	67	39	8	5	7
PERSONS IN UNIT										
1 person	11 442	10 076	3 955	782	1 320	4 019	1 366	659	179	412
2 persons	17 629	15 271	4 088	810	2 487	7 886	2 358	389	217	694
3 persons	9 467	8 364	1 925	333	1 389	4 717	1 103	200	100	315
4 persons	9 300	8 115	1 426	221	1 367	5 101	1 185	128	80	266
5 persons	4 770	4 052	668	99	673	2 612	718	52	44	139
6 persons	1 777	1 501	242	37	212	1 010	276	9	10	38
7 persons	654	546	112	22	81	331	108	7	10	15
8 or more persons	323	262	40	10	38	174	61	3	1	8
Median, occupied housing units	2.42	2.42	2.06	1.96	2.49	2.72	2.44	1.67	2.15	2.27
Median, owner-occupied housing units	2.58	2.59	2.24	2.01	2.62	2.87	2.48	2.40	2.12	2.27
Median, renter-occupied housing units	1.91	1.87	1.66	1.83	1.97	2.09	2.22	1.44	2.25	2.24
PERSONS PER ROOM										
1.00 or less	53 909	46 987	12 232	2 255	7 431	25 069	6 922	1 426	626	1 853
1.01 to 1.50	1 247	1 044	190	45	117	692	203	20	11	29
1.51 or more	206	156	34	14	19	89	50	1	4	5
ROOMS										
Median, occupied housing units	5.3	5.2	4.9	4.7	5.5	5.4	5.5	3.8	5.3	5.1
Median, owner-occupied housing units	5.5	5.5	5.4	5.0	5.6	5.5	5.7	5.2	5.6	5.1
Median, renter-occupied housing units	4.2	4.1	3.9	4.1	4.5	4.3	4.7	3.4	4.6	4.8
VALUE										
Specified owner-occupied housing units	33 997	30 720	6 754	1 345	5 681	16 940	3 277	302	378	1 440
Less than \$15,000	5 316	4 867	1 969	706	475	1 717	449	64	258	432
\$15,000 to \$19,999	4 246	3 816	1 425	339	392	1 660	430	78	69	347
\$20,000 to \$24,999	4 274	3 804	1 093	159	456	2 096	470	56	28	271
\$25,000 to \$29,999	3 729	3 316	722	67	537	1 990	413	48	12	159
\$30,000 to \$34,999	3 810	3 388	515	40	641	2 192	422	26	4	108
\$35,000 to \$39,999	2 913	2 602	346	15	557	1 684	311	16	2	59
\$40,000 to \$49,999	4 344	3 973	365	14	975	2 619	371	10	4	46
\$50,000 to \$59,999	2 273	2 073	163	3	587	1 320	200	2	1	12
\$60,000 to \$79,999	2 010	1 873	122	2	602	1 147	137	2	—	6
\$80,000 to \$99,999	574	532	28	—	240	264	42	—	—	—
\$100,000 to \$149,999	357	328	5	—	149	174	29	—	—	—
\$150,000 to \$199,999	102	100	1	—	44	55	2	—	—	—
\$200,000 or more	49	48	—	—	26	22	1	—	—	—
Median	\$29 100	\$29 200	\$19 900	\$14 600	\$38 000	\$32 300	\$28 200	\$20 600	\$12 500	\$19 000
CONTRACT RENT										
Specified renter-occupied housing units	11 041	10 133	4 800	774	930	3 629	908	1 078	205	345
Median	\$160	\$163	\$156	\$137	\$213	\$177	\$140	\$177	\$150	\$153

**Census Tracts
[400 or More White Persons and
400 or More of a Specified Racial
Group]**

	Tract 0005	Tract 0006.02	Tract 0012	Tract 0014.01	Tract 0014.02	Tract 0001	Tract 0004
Occupied housing units	1 868	798	195	460	1 524	1 491	1 924
LACKING COMPLETE PLUMBING FOR EXCLUSIVE USE							
Owner-occupied housing units	4	1	...	3	9	1	4
Renter-occupied housing units	19	37	...	8	5	8	7
PERSONS IN UNIT							
1 person	608	443	70	173	481	669	417
2 persons	579	193	74	147	547	400	706
3 persons	303	79	18	60	237	208	321
4 persons	197	37	15	45	153	139	275
5 persons	95	23	6	21	67	54	142
6 persons	50	9	5	7	23	11	39
7 persons	27	8	5	6	9	7	16
8 or more persons	9	6	2	1	7	3	8
Median, occupied housing units	2.06	1.40	1.87	1.89	2.01	1.69	2.27
Median, owner-occupied housing units	2.21	1.94	...	2.14	2.00	2.42	2.28
Median, renter-occupied housing units	1.77	1.29	...	1.48	2.04	1.45	2.25
PERSONS PER ROOM							
1.00 or less	1 821	779	190	445	1 488	1 469	1 889
1.01 to 1.50	38	12	5	12	26	21	30
1.51 or more	9	7	—	3	10	1	5
ROOMS							
Median, occupied housing units	4.9	3.6	5.3	4.5	4.8	3.8	5.1
Median, owner-occupied housing units	5.4	6.0	...	5.0	4.9	5.2	5.1
Median, renter-occupied housing units	4.0	2.9	...	3.5	4.3	3.5	4.8
VALUE							
Specified owner-occupied housing units	934	171	124	212	962	332	1 465
Less than \$15,000	405	101	72	113	488	71	439
\$15,000 to \$19,999	297	27	31	49	250	84	352
\$20,000 to \$24,999	130	15	10	25	121	67	276
\$25,000 to \$29,999	43	12	5	9	53	50	164
\$30,000 to \$34,999	28	2	4	9	27	29	110
\$35,000 to \$39,999	11	5	1	3	10	17	59
\$40,000 to \$49,999	12	4	—	4	9	10	47
\$50,000 to \$59,999	1	3	1	—	2	2	12
\$60,000 to \$79,999	6	—	—	—	2	2	6
\$80,000 to \$99,999	1	2	—	—	—	—	—
\$100,000 to \$149,999	—	—	—	—	—	—	—
\$150,000 to \$199,999	—	—	—	—	—	—	—
\$200,000 or more	—	—	—	—	—	—	—
Median	\$15 900	\$13 600	\$13 500	\$14 500	\$14 900	\$20 700	\$19 100
CONTRACT RENT							
Specified renter-occupied housing units	800	574	...	210	427	1 091	354
Median	\$140	\$138	...	\$109	\$147	\$176	\$153

Muskegon city, Muskegon County—Con.		Muskegon Heights city, Muskegon County			Totals for split tracts in Muskegon County	
Tract 0005	Tract 0006.02	Tract 0012	Tract 0014.01	Tract 0014.02	Tract 0001	Tract 0004
Occupied housing units	1 868	798	195	460	1 524	1 924
LACKING COMPLETE PLUMBING FOR EXCLUSIVE USE						
Owner-occupied housing units	4	1	...	3	9	4
Renter-occupied housing units	19	37	...	8	5	7
PERSONS IN UNIT						
1 person	608	443	70	173	481	417
2 persons	579	193	74	147	547	706
3 persons	303	79	18	60	237	321
4 persons	197	37	15	45	153	275
5 persons	95	23	6	21	67	142
6 persons	50	9	5	7	23	39
7 persons	27	8	5	6	9	16
8 or more persons	9	6	2	1	7	8
Median, occupied housing units	2.06	1.40	1.87	1.89	2.01	2.27
Median, owner-occupied housing units	2.21	1.94	...	2.14	2.00	2.28
Median, renter-occupied housing units	1.77	1.29	...	1.48	2.04	2.25
PERSONS PER ROOM						
1.00 or less	1 821	779	190	445	1 488	1 889
1.01 to 1.50	38	12	5	12	26	30
1.51 or more	9	7	—	3	10	5
ROOMS						
Median, occupied housing units	4.9	3.6	5.3	4.5	4.8	5.1
Median, owner-occupied housing units	5.4	6.0	...	5.0	4.9	5.1
Median, renter-occupied housing units	4.0	2.9	...	3.5	4.3	4.8
VALUE						
Specified owner-occupied housing units	934	171	124	212	962	1 465
Less than \$15,000	405	101	72	113	488	439
\$15,000 to \$19,999	297	27	31	49	250	352
\$20,000 to \$24,999	130	15	10	25	121	276
\$25,000 to \$29,999	43	12	5	9	53	164
\$30,000 to \$34,999	28	2	4	9	27	110
\$35,000 to \$39,999	11	5	1	3	10	59
\$40,000 to \$49,999	12	4	—	4	9	47
\$50,000 to \$59,999	1	3	1	—	2	12
\$60,000 to \$79,999	6	—	—	—	2	6
\$80,000 to \$99,999	1	2	—	—	—	—
\$100,000 to \$149,999	—	—	—	—	—	—
\$150,000 to \$199,999	—	—	—	—	—	—
\$200,000 or more	—	—	—	—	—	—
Median	\$15 900	\$13 600	\$13 500	\$14 500	\$14 900	\$19 100
CONTRACT RENT						
Specified renter-occupied housing units	800	574	...	210	427	354
Median	\$140	\$138	...	\$109	\$147	\$153

Table H-3. **Occupancy, Utilization, and Financial Characteristics of Housing Units With a Black Householder: 1980**

[For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and 8]

**Census Tracts
[400 or More Black Persons]**

Occupied housing units -----

LACKING COMPLETE PLUMBING FOR EXCLUSIVE USE
Owner-occupied housing units -----
Renter-occupied housing units -----

PERSONS IN UNIT

1 person -----
2 persons -----
3 persons -----
4 persons -----
5 persons -----
6 persons -----
7 persons -----
8 or more persons -----
Median, occupied housing units -----
Median, owner-occupied housing units -----
Median, renter-occupied housing units -----

PERSONS PER ROOM

1.00 or less -----
1.01 to 1.50 -----
1.51 or more -----

ROOMS

Median, occupied housing units -----
Median, owner-occupied housing units -----
Median, renter-occupied housing units -----

VALUE

Specified owner-occupied housing units -----
Less than \$15,000 -----
\$15,000 to \$19,999 -----
\$20,000 to \$24,999 -----
\$25,000 to \$29,999 -----
\$30,000 to \$34,999 -----
\$35,000 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 to \$199,999 -----
\$200,000 or more -----
Median -----

CONTRACT RENT

Specified renter-occupied housing units -----
Median -----

	Muskegon County						Oceano County	Muskegon city, Muskegon County		
	The SMSA	Total	Muskegon city	Muskegon Heights city	Norton Shores city	Remainder		Troct 0001 ^a	Troct 0002	Troct 0003
Occupied housing units -----	5 631	5 620	2 506	2 718	64	332	11	318	293	703
LACKING COMPLETE PLUMBING FOR EXCLUSIVE USE										
Owner-occupied housing units -----	28	28	10	10	—	8	...	—	2	5
Renter-occupied housing units -----	61	61	38	16	—	7	...	1	5	14
PERSONS IN UNIT										
1 person -----	1 096	1 093	507	491	20	75	3	96	64	133
2 persons -----	1 199	1 194	512	607	9	66	5	62	65	147
3 persons -----	1 090	1 090	469	541	11	69	—	60	48	139
4 persons -----	889	887	412	422	6	47	2	52	47	115
5 persons -----	610	609	301	275	10	23	1	26	27	87
6 persons -----	330	330	130	171	3	26	—	10	17	39
7 persons -----	236	236	100	120	4	12	—	9	15	20
8 or more persons -----	181	181	75	91	1	14	—	3	10	23
Median, occupied housing units -----	2.98	2.98	3.00	2.98	2.77	2.86	2.00	2.52	2.86	3.01
Median, owner-occupied housing units -----	3.17	3.17	3.46	2.99	3.00	2.84	...	3.86	2.94	3.25
Median, renter-occupied housing units -----	2.74	2.74	2.49	2.97	1.45	2.90	...	1.60	2.74	2.83
PERSONS PER ROOM										
1.00 or less -----	5 092	5 082	2 286	2 442	60	294	10	300	258	648
1.01 to 1.50 -----	420	419	169	216	2	32	1	15	27	40
1.51 or more -----	119	119	51	60	2	6	—	3	8	15
ROOMS										
Median, occupied housing units -----	5.2	5.2	5.2	5.2	5.4	5.1	6.0	4.3	5.2	5.3
Median, owner-occupied housing units -----	5.7	5.7	5.8	5.6	6.6	5.4	...	5.6	5.6	5.8
Median, renter-occupied housing units -----	4.6	4.6	4.4	4.7	4.6	4.4	...	3.5	4.5	4.9
VALUE										
Specified owner-occupied housing units -----	2 891	2 887	1 184	1 473	38	192	4	116	149	333
Less than \$15,000 -----	921	920	334	503	9	74	1	9	38	142
\$15,000 to \$19,999 -----	714	713	312	382	3	16	1	12	49	110
\$20,000 to \$24,999 -----	473	473	188	269	1	15	—	21	26	43
\$25,000 to \$29,999 -----	291	291	132	140	4	15	—	19	9	22
\$30,000 to \$34,999 -----	172	172	81	73	1	17	—	17	15	6
\$35,000 to \$39,999 -----	96	95	42	43	—	10	1	7	5	5
\$40,000 to \$49,999 -----	128	127	60	42	—	25	1	20	3	4
\$50,000 to \$59,999 -----	46	46	17	14	3	12	—	4	2	1
\$60,000 to \$79,999 -----	32	32	13	5	8	6	—	6	2	—
\$80,000 to \$99,999 -----	11	11	5	—	5	1	—	1	—	—
\$100,000 to \$149,999 -----	6	6	—	1	4	1	—	—	—	—
\$150,000 to \$199,999 -----	—	—	—	—	—	—	—	—	—	—
\$200,000 or more -----	1	1	—	1	—	—	—	—	—	—
Median -----	\$18 400	\$18 400	\$19 000	\$17 700	\$52 500	\$21 900	\$26 300	\$29 300	\$18 400	\$15 900
CONTRACT RENT										
Specified renter-occupied housing units -----	2 231	2 231	1 075	1 033	21	102	...	172	110	305
Median -----	\$151	\$151	\$152	\$151	\$129	\$117	...	\$178	\$135	\$133

**Census Tracts
[400 or More Black Persons]**

Occupied housing units -----

LACKING COMPLETE PLUMBING FOR EXCLUSIVE USE
Owner-occupied housing units -----
Renter-occupied housing units -----

PERSONS IN UNIT

1 person -----
2 persons -----
3 persons -----
4 persons -----
5 persons -----
6 persons -----
7 persons -----
8 or more persons -----
Median, occupied housing units -----
Median, owner-occupied housing units -----
Median, renter-occupied housing units -----

PERSONS PER ROOM

1.00 or less -----
1.01 to 1.50 -----
1.51 or more -----

ROOMS

Median, occupied housing units -----
Median, owner-occupied housing units -----
Median, renter-occupied housing units -----

VALUE

Specified owner-occupied housing units -----
Less than \$15,000 -----
\$15,000 to \$19,999 -----
\$20,000 to \$24,999 -----
\$25,000 to \$29,999 -----
\$30,000 to \$34,999 -----
\$35,000 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 to \$199,999 -----
\$200,000 or more -----
Median -----

CONTRACT RENT

Specified renter-occupied housing units -----
Median -----

Muskegon city, Muskegon County—Con.			Muskegon Heights city, Muskegon County				Totals for split tracts in Muskegon County			
Troct 0004 ^a	Troct 0005	Troct 0006.02	Troct 0011	Troct 0012	Troct 0013	Troct 0014.01	Troct 0014.02	Troct 0001	Troct 0004	
Occupied housing units -----	269	395	386	150	933	1 154	218	263	318	269
LACKING COMPLETE PLUMBING FOR EXCLUSIVE USE										
Owner-occupied housing units -----	—	2	1	—	4	6	—	—	—	—
Renter-occupied housing units -----	—	5	12	—	6	8	1	1	1	—
PERSONS IN UNIT										
1 person -----	26	85	81	41	133	217	55	45	96	26
2 persons -----	39	78	92	30	194	295	37	51	62	39
3 persons -----	61	69	74	36	192	221	40	52	60	61
4 persons -----	58	67	46	16	147	175	32	52	52	58
5 persons -----	51	48	40	13	110	109	22	21	26	51
6 persons -----	16	16	20	9	69	61	12	20	10	16
7 persons -----	13	15	18	2	51	37	16	14	9	13
8 or more persons -----	5	17	15	3	37	39	4	8	3	5
Median, occupied housing units -----	3.65	3.00	2.77	2.61	3.23	2.79	2.92	3.18	2.52	3.65
Median, owner-occupied housing units -----	3.73	3.48	3.12	2.68	3.46	2.42	3.84	3.33	3.86	3.73
Median, renter-occupied housing units -----	3.23	2.63	2.44	2.55	2.91	3.34	2.02	2.79	1.60	3.23
PERSONS PER ROOM										
1.00 or less -----	246	363	345	139	839	1 028	192	244	300	246
1.01 to 1.50 -----	20	25	27	11	70	100	20	15	15	20
1.51 or more -----	3	7	14	—	24	26	6	4	3	3
ROOMS										
Median, occupied housing units -----	5.4	5.3	5.3	4.8	5.5	5.1	4.8	5.4	4.3	5.4
Median, owner-occupied housing units -----	5.5	5.9	6.2	5.3	6.0	5.3	5.5	5.7	5.6	5.5
Median, renter-occupied housing units -----	4.7	4.5	4.6	4.2	4.6	4.9	3.9	4.4	3.5	4.7
VALUE										
Specified owner-occupied housing units -----	214	168	146	73	517	599	97	187	116	214
Less than \$15,000 -----	21	53	57	43	182	223	11	44	9	21
\$15,000 to \$19,999 -----	42	54	31	18	146	126	27	65	12	42
\$20,000 to \$24,999 -----	38	26	26	7	78	119	25	40	21	38
\$25,000 to \$29,999 -----	38	19	15	2	53	59	11	15	19	38
\$30,000 to \$34,999 -----	31	1	6	1	23	32	8	9	17	31
\$35,000 to \$39,999 -----	16	7	1	—	15	17	3	8	7	16
\$40,000 to \$49,999 -----	19	3	6	2	13	12	10	5	20	19
\$50,000 to \$59,999 -----	6	3	1	—	6	7	—	1	4	6
\$60,000 to \$79,999 -----	2	1	1	—	1	2	—	—	6	2
\$80,000 to \$99,999 -----	1	1	2	—	—	—	—	—	1	1
\$100,000 to \$149,999 -----	—	—	—	—	—	1	—	—	—	—
\$150,000 to \$199,999 -----	—	—	—	—	—	—	—	—	—	—
\$200,000 or more -----	—	—	—	—	—	1	—	—	—	—
Median -----	\$25 600	\$17 000	\$17 000	\$14 000	\$17 200	\$17 600	\$21 900	\$18 700	\$29 300	\$25 600
CONTRACT RENT										
Specified renter-occupied housing units -----	33	187	204	70	326	476	106	55	172	33
Median -----	\$152	\$148	\$146	\$143	\$149	\$151	\$179	\$159	\$178	\$152

Table H-4. **Occupancy, Utilization, and Financial Characteristics of Housing Units With an American Indian, Eskimo, or Aleut Householder: 1980**

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

**Census Tracts
[400 or More American Indian,
Eskimo, and Aleut Persons]**

	Muskegon County					Oceana County	
	The SMSA	Total	Muskegon city	Muskegon Heights city	Norton Shores city		Remainder
Occupied housing units	338	279	88	23	28	140	59
LACKING COMPLETE PLUMBING FOR EXCLUSIVE USE							
Owner-occupied housing units	7	3	—	—	—	3	4
Renter-occupied housing units	4	3	3	—	—	—	1
PERSONS IN UNIT							
1 person	47	38	15	3	6	14	9
2 persons	71	52	18	7	6	21	19
3 persons	76	66	25	4	4	33	10
4 persons	59	54	16	5	2	31	5
5 persons	40	33	8	2	4	19	7
6 persons	14	12	1	—	4	7	2
7 persons	22	16	2	2	2	10	6
8 or more persons	9	8	3	—	—	5	1
Medion, occupied housing units	3.17	3.25	2.94	2.88	3.00	3.56	2.65
Medion, owner-occupied housing units	3.46	3.60	3.30	2.83	4.00	3.71	2.67
Medion, renter-occupied housing units	2.93	2.96	2.85	3.00	2.67	3.19	2.63
PERSONS PER ROOM							
1.00 or less	306	248	83	22	23	120	58
1.01 to 1.50	27	26	3	—	5	18	1
1.51 or more	5	5	2	1	—	2	—
ROOMS							
Medion, occupied housing units	5.1	5.1	4.8	4.9	5.1	5.3	5.2
Medion, owner-occupied housing units	5.3	5.3	5.3	5.0	5.2	5.4	5.3
Medion, renter-occupied housing units	4.6	4.6	4.4	4.9	4.8	4.8	4.8
VALUE							
Specified owner-occupied housing units	160	139	22	12	15	90	21
Less than \$15,000	63	59	10	6	10	33	4
\$15,000 to \$19,999	28	23	5	3	2	13	5
\$20,000 to \$24,999	15	12	2	1	1	8	3
\$25,000 to \$29,999	14	12	3	—	—	9	2
\$30,000 to \$34,999	19	15	1	2	—	12	4
\$35,000 to \$39,999	5	3	—	—	—	3	2
\$40,000 to \$49,999	4	4	—	—	1	3	—
\$50,000 to \$59,999	7	7	—	—	1	6	—
\$60,000 to \$79,999	3	2	1	—	—	1	1
\$80,000 to \$99,999	—	—	—	—	—	—	—
\$100,000 to \$149,999	1	1	—	—	—	1	—
\$150,000 to \$199,999	—	—	—	—	—	—	—
\$200,000 or more	1	1	—	—	—	1	—
Medion	\$17 900	\$17 200	\$15 800	\$15 000	\$11 900	\$19 600	\$23 100
CONTRACT RENT							
Specified renter-occupied housing units	120	108	60	10	9	29	12
Medion	\$156	\$156	\$155	\$147	\$158	\$178	\$153

Table H-5. **Occupancy, Utilization, and Financial Characteristics of Housing Units With an Asian or Pacific Islander Householder: 1980**

[Excludes "Other Asian and Pacific Islander" groups identified in sample tabulations. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

**Census Tracts
[400 or More Asian and Pacific
Islander Persons]**

	Muskegon County						Oceano County
	The SMSA	Total	Muskegon city	Muskegon Heights city	Norton Shores city	Remainder	
Occupied housing units	90	85	37	6	13	29	5
LACKING COMPLETE PLUMBING FOR EXCLUSIVE USE							
Owner-occupied housing units .....	—	—	—	...	...	—	...
Renter-occupied housing units .....	—	—	—	...	...	—	...
PERSONS IN UNIT							
1 person	19	18	10	1	1	6	1
2 persons	15	15	8	—	1	6	—
3 persons	13	12	8	—	1	3	1
4 persons	21	20	6	3	4	7	1
5 persons	10	10	—	2	5	3	—
6 persons	4	3	1	—	1	1	1
7 persons	4	4	3	—	—	1	—
8 or more persons	4	3	1	—	—	2	—
Median, occupied housing units	3.35	3.29	2.56	4.17	4.38	3.33	4.00
Median, owner-occupied housing units	3.87	3.86	3.17	...	...	3.71	...
Median, renter-occupied housing units	2.27	2.27	2.29	...	...	1.83	...
PERSONS PER ROOM							
1.00 or less	79	75	32	5	13	25	4
1.01 to 1.50	2	2	1	—	—	1	—
1.51 or more	9	8	4	1	—	3	1
ROOMS							
Median, occupied housing units	5.1	5.0	3.8	5.5	7.9	5.3	7.0
Median, owner-occupied housing units	7.0	7.0	6.5	...	...	6.0	...
Median, renter-occupied housing units	3.8	3.7	3.4	...	...	3.5	...
VALUE							
Specified owner-occupied housing units	34	32	8	...	8	14	...
Less than \$15,000	5	5	1	...	—	2	...
\$15,000 to \$19,999	2	2	1	...	—	1	...
\$20,000 to \$24,999	3	3	1	...	—	2	...
\$25,000 to \$29,999	4	3	3	...	—	—	...
\$30,000 to \$34,999	1	1	—	...	—	1	...
\$35,000 to \$39,999	—	—	—	...	—	—	...
\$40,000 to \$49,999	4	3	1	...	—	2	...
\$50,000 to \$59,999	3	3	—	...	2	1	...
\$60,000 to \$79,999	3	3	1	...	1	1	...
\$80,000 to \$99,999	5	5	—	...	3	2	...
\$100,000 to \$149,999	3	3	—	...	1	2	...
\$150,000 to \$199,999	—	—	—	...	—	—	...
\$200,000 or more	1	1	—	...	1	—	...
Median	\$45 000	\$45 000	\$25 800	...	\$93 300	\$45 000	...
CONTRACT RENT							
Specified renter-occupied housing units	41	39	27	...	...	8	...
Median	\$179	\$180	\$166	...	...	\$238	...

Table H-6. **Occupancy, Utilization, and Financial Characteristics of Housing Units With a Spanish Origin Householder: 1980**

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

Census Tracts [400 or More Spanish Origin Persons]	Muskegon County					Oceano County	
	The SMSA	Total	Muskegon city	Muskegon Heights city	Norton Shores city		Remainder
Occupied housing units	963	726	328	78	82	238	237
LACKING COMPLETE PLUMBING FOR EXCLUSIVE USE							
Owner-occupied housing units	15	6	1	1	—	4	9
Renter-occupied housing units	34	7	4	2	1	—	27
PERSONS IN UNIT							
1 person	129	113	58	19	10	26	16
2 persons	175	143	66	15	17	45	32
3 persons	178	143	66	10	21	46	35
4 persons	167	119	50	14	12	43	48
5 persons	134	98	42	6	10	40	36
6 persons	74	52	23	7	7	15	22
7 persons	62	40	13	5	4	18	22
8 or more persons	44	18	10	2	1	5	26
Median, occupied housing units	3.50	3.25	3.11	3.00	3.17	3.55	4.24
Median, owner-occupied housing units	3.80	3.60	3.52	3.42	3.47	3.74	4.36
Median, renter-occupied housing units	3.14	2.74	2.76	2.38	2.42	2.95	4.11
PERSONS PER ROOM							
1.00 or less	792	645	294	70	73	208	147
1.01 to 1.50	95	57	21	7	7	22	38
1.51 or more	76	24	13	1	2	8	52
ROOMS							
Median, occupied housing units	4.9	5.0	4.8	5.0	5.2	5.2	4.4
Median, owner-occupied housing units	5.4	5.4	5.4	5.3	5.4	5.3	5.4
Median, renter-occupied housing units	4.2	4.3	4.3	4.4	4.4	4.3	3.8
VALUE							
Specified owner-occupied housing units	432	377	136	46	54	141	55
Less than \$15,000	128	116	47	26	13	30	12
\$15,000 to \$19,999	79	66	33	9	9	15	13
\$20,000 to \$24,999	62	55	21	5	6	23	7
\$25,000 to \$29,999	52	43	15	1	5	22	9
\$30,000 to \$34,999	34	32	8	3	3	18	2
\$35,000 to \$39,999	21	17	5	2	3	7	4
\$40,000 to \$49,999	35	30	4	—	6	20	5
\$50,000 to \$59,999	11	8	1	—	4	3	3
\$60,000 to \$79,999	4	4	1	—	2	1	—
\$80,000 to \$99,999	3	3	—	—	2	—	—
\$100,000 to \$149,999	1	1	—	—	1	—	—
\$150,000 to \$199,999	1	1	—	—	—	1	—
\$200,000 or more	1	1	—	—	—	1	—
Median	\$20 600	\$20 500	\$17 200	\$13 800	\$22 500	\$25 400	\$21 300
CONTRACT RENT							
Specified renter-occupied housing units	356	258	167	27	20	44	98
Median	\$153	\$156	\$157	\$129	\$129	\$172	\$130

Table H-7. Structural, Equipment, and Household Characteristics of 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]

Census Tracts	Muskegon County					Oceano County	Muskegon city, Muskegon County					
	The SMSA	Total	Muskegon city	Muskegon Heights city	Norton Shores city		Remainder	Tract 0001 ^a	Tract 0002	Tract 0003	Tract 0004 ^a	Tract 0005
Year-round housing units	66 040	57 694	16 327	5 408	7 995	27 964	8 346	1 911	432	1 484	2 247	2 513
SELECTED CHARACTERISTICS												
Complete kitchen facilities	65 204	57 049	16 108	5 270	7 973	27 698	8 155	1 905	419	1 478	2 205	2 477
1 complete bathroom plus half bath(s)	9 909	8 819	1 663	527	1 739	4 890	1 090	113	65	154	287	165
2 or more complete bathrooms	7 607	6 657	1 127	335	1 650	3 545	950	50	31	66	57	148
Air conditioning	9 378	8 848	2 881	610	1 395	3 962	530	1 475	40	126	272	233
Central system	2 825	2 737	738	123	683	1 193	88	469	11	21	34	39
Source of water, public system or private company	38 524	36 365	16 171	5 388	5 710	9 096	2 159	1 884	432	1 484	2 180	2 513
Sewage disposal, public sewer	35 176	33 273	16 198	5 332	3 733	8 010	1 903	1 895	432	1 465	2 237	2 497
UNITS IN STRUCTURE												
1, detached or attached	53 001	46 250	10 978	4 069	6 900	24 303	6 751	648	382	1 123	2 143	1 626
2	3 109	2 884	1 911	427	93	453	225	12	42	275	52	412
3 and 4	1 883	1 714	1 015	296	40	363	169	101	8	55	14	237
5 to 9	1 384	1 315	747	333	34	201	69	222	-	20	11	76
10 to 49	2 221	2 201	953	136	377	735	20	686	-	11	27	-
50 or more	1 289	1 289	723	100	43	423	-	242	-	-	-	162
Mobile home or trailer, etc.	3 153	2 041	-	47	508	1 486	1 112	-	-	-	-	-
YEAR STRUCTURE BUILT												
1979 to March 1980	1 629	1 450	234	26	298	892	179	4	8	22	-	19
1975 to 1978	4 290	3 555	237	18	715	2 585	735	178	4	-	-	13
1970 to 1974	7 162	5 891	1 287	190	768	3 646	1 271	920	14	21	18	147
1960 to 1969	10 548	9 202	1 402	598	1 796	5 406	1 346	430	11	36	238	92
1950 to 1959	11 982	11 177	2 115	897	2 332	5 833	805	931	64	176	598	201
1940 to 1949	10 801	10 035	3 131	1 329	1 181	4 394	766	87	124	289	458	432
1939 or earlier	19 628	16 384	7 921	2 350	905	5 208	3 244	201	207	940	935	1 609
HEATING EQUIPMENT												
Steam or hot water system	6 128	5 390	1 870	402	742	2 376	738	566	28	114	79	179
Central warm-air furnace	46 463	41 562	11 651	3 834	6 305	19 772	4 901	1 190	339	985	1 767	1 883
Electric heat pump	243	201	107	42	21	31	42	6	6	14	7	5
Other built-in electric units	1 659	1 391	422	105	138	726	268	32	-	36	15	109
Other means	11 464	9 108	2 272	1 025	789	5 022	2 356	117	59	335	379	332
None	83	42	5	-	-	37	41	-	-	-	-	5
Occupied housing units	61 944	54 526	15 241	5 104	7 712	26 469	7 418	1 795	395	1 370	2 191	2 324
SELECTED CHARACTERISTICS												
Units with roomers or boarders	1 029	942	370	134	107	331	87	44	6	67	39	93
No telephone	3 411	2 856	1 111	667	205	873	555	55	27	181	98	262
Owner-occupied housing units	47 373	41 207	9 028	3 219	6 694	22 266	6 166	467	247	834	1 790	1 287
4 or more bedrooms	7 992	6 773	1 593	486	1 253	3 441	1 219	69	78	181	237	291
1 complete bathroom plus half bath(s)	8 633	7 691	1 350	349	1 527	4 465	942	39	54	123	260	138
2 or more complete bathrooms	6 850	6 024	933	310	1 488	3 293	826	50	27	37	53	135
Renter-occupied housing units	14 571	13 319	6 213	1 885	1 018	4 203	1 252	1 328	148	536	401	1 037
2 or more bedrooms	9 778	8 755	3 586	1 317	758	3 094	1 023	531	148	386	321	620
1 complete bathroom plus half bath(s)	959	881	272	168	176	265	78	74	7	31	19	22
2 or more complete bathrooms	396	325	134	6	87	98	71	-	-	11	4	4
HOUSE HEATING FUEL												
Utility gas	47 187	44 827	14 411	4 815	7 275	18 326	2 360	1 703	364	1 302	2 150	2 175
Bottled, tank, or LP gas	3 041	1 763	103	15	30	1 615	1 278	13	6	14	9	8
Electricity	1 998	1 687	561	165	166	795	311	52	13	50	22	108
Fuel oil, kerosene, etc.	7 731	5 053	100	68	203	4 682	2 678	6	-	4	10	26
Other	1 965	1 185	66	41	38	1 040	780	21	12	-	-	7
No fuel used	22	11	-	-	-	11	11	-	-	-	-	-
VEHICLES AVAILABLE												
None	5 225	4 718	2 420	1 096	255	947	507	267	61	383	190	489
1	22 748	20 196	6 982	2 426	2 561	8 227	2 552	941	185	588	948	1 026
2	22 880	20 074	4 383	1 230	3 520	10 941	2 806	482	123	329	734	541
3 or more	11 091	9 538	1 456	352	1 376	6 354	1 553	105	26	70	319	268
YEAR HOUSEHOLDER MOVED INTO UNIT												
Owner-occupied housing units	47 373	41 207	9 028	3 219	6 694	22 266	6 166	467	247	834	1 790	1 287
1979 to March 1980	4 810	4 184	648	238	783	2 515	626	31	10	39	147	92
1975 to 1978	10 703	9 106	1 533	448	1 613	5 512	1 597	92	11	169	290	263
1970 to 1974	8 567	7 282	1 427	532	1 166	4 157	1 285	140	46	110	318	232
1960 to 1969	10 594	9 368	2 013	820	1 530	5 005	1 226	116	89	167	350	267
1959 or earlier	12 699	11 267	3 407	1 181	1 602	5 077	1 432	88	91	349	685	433
Renter-occupied housing units	14 571	13 319	6 213	1 885	1 018	4 203	1 252	1 328	148	536	401	1 037
1979 to March 1980	6 489	5 922	2 820	739	523	1 840	567	611	56	174	187	448
1975 to 1978	5 054	4 686	2 206	699	338	1 443	368	592	25	235	138	330
1970 to 1974	1 753	1 622	727	256	101	538	131	125	36	79	34	172
1969 or earlier	1 275	1 089	460	191	56	382	186	-	31	48	42	87
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER												
Occupied housing units	13 299	11 476	4 055	1 204	1 487	4 730	1 823	385	79	393	587	577
Owner-occupied housing units	10 815	9 187	2 928	987	1 359	3 913	1 628	127	72	337	541	360
Lacking complete plumbing for exclusive use	190	125	25	22	-	78	65	-	-	7	-	4
No vehicle available	2 600	2 261	1 123	347	137	654	339	168	13	145	111	202
No telephone	446	335	134	44	19	138	111	-	9	14	22	20
INCOME IN 1979 BELOW POVERTY LEVEL												
Owner-occupied housing units	3 799	3 084	896	458	276	1 454	715	60	47	168	214	123
Percent below poverty level	8.0	7.5	9.9	14.2	4.1	6.5	11.6	12.8	19.0	20.1	12.0	9.6
Complete plumbing for exclusive use	3 714	3 043	884	458	276	1 425	671	60	47	164	214	123
1.01 or more persons per room	259	217	58	37	-	122	42	6	-	16	31	5
Lacking complete plumbing for exclusive use	85	41	12	-	-	29	44	-	-	4	-	-
1.01 or more persons per room	4	-	-	-	-	-	4	-	-	-	-	-
Renter-occupied housing units	4 063	3 731	1 968	787	157	819	332	304	76	281	109	451
Percent below poverty level	27.9	28.0	31.7	41.8	15.4	19.5	26.5	22.9	51.4	52.4	27.2	43.5
Complete plumbing for exclusive use	3 965	3 653	1 913	779	149	812	312	304	76	259	104	451
1.01 or more persons per room	302	271	106	73	24	68	31	10	6	16	-	8
Lacking complete plumbing for exclusive use	98	78	55	8	7	20	20	-	-	22	5	-
1.01 or more persons per room	8	5	5	-	-	-	3	-	-	-	-	-

Table H-7. Structural, Equipment, and Household Characteristics of Housing Units: 1980—Con.

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

Census Tracts	Muskegon city, Muskegon County—Con.									Muskegon Heights city, Muskegon County		
	Tract 0006.01	Tract 0006.02	Tract 0007	Tract 0008	Tract 0009	Tract 0010	Tract 0010.99	Tract 0018*	Tract 0021	Tract 0011	Tract 0012	Tract 0013
Year-round housing units -----	849	1 403	22	1 564	1 657	581	-	-	1 664	282	1 227	1 236
SELECTED CHARACTERISTICS												
Complete kitchen facilities -----	843	1 364	22	1 531	1 642	581	-	-	1 641	255	1 201	1 215
1 complete bathroom plus half bath(s) -----	115	114	7	171	154	108	-	-	210	-	184	121
2 or more complete bathrooms -----	93	127	-	154	131	157	-	-	113	-	159	36
Air conditioning -----	109	108	-	164	134	26	-	-	194	27	74	78
Central system -----	18	63	-	6	33	26	-	-	18	5	24	-
Source of water, public system or private company -----	849	1 403	22	1 560	1 645	560	-	-	1 639	282	1 218	1 229
Sewage disposal, public sewer -----	843	1 397	22	1 549	1 649	555	-	-	1 657	274	1 213	1 222
UNITS IN STRUCTURE												
1, detached or attached -----	539	533	-	1 028	1 452	526	-	-	978	203	968	900
2 -----	217	320	5	314	132	28	-	-	102	15	158	60
3 and 4 -----	56	182	7	129	65	27	-	-	134	31	87	84
5 to 9 -----	22	125	-	37	8	-	-	-	226	-	14	192
10 to 49 -----	15	33	10	56	-	-	-	-	115	33	-	-
50 or more -----	-	210	-	-	-	-	-	-	109	-	-	-
Mobile home or trailer, etc. -----	-	-	-	-	-	-	-	-	-	-	-	-
YEAR STRUCTURE BUILT												
1979 to March 1980 -----	-	-	-	-	4	6	-	-	171	-	6	-
1975 to 1978 -----	-	10	-	-	-	-	-	-	32	-	-	5
1970 to 1974 -----	-	59	-	16	31	18	-	-	43	-	7	51
1960 to 1969 -----	5	179	-	51	134	107	-	-	119	-	58	218
1950 to 1959 -----	66	152	-	117	254	134	-	-	262	10	116	252
1940 to 1949 -----	185	245	5	302	370	59	-	-	575	59	327	316
1939 or earlier -----	593	758	17	1 078	864	257	-	-	462	213	713	394
HEATING EQUIPMENT												
Steam or hot water system -----	90	153	10	290	68	42	-	-	251	43	90	57
Central warm-air furnace -----	656	810	12	1 045	1 371	460	-	-	1 133	189	914	786
Electric heat pump -----	-	61	-	-	8	-	-	-	-	-	7	5
Other built-in electric units -----	6	138	-	45	6	7	-	-	28	-	16	11
Other means -----	97	241	-	184	204	72	-	-	252	50	200	377
None -----	-	-	-	-	-	-	-	-	-	-	-	-
Occupied housing units -----	782	1 208	22	1 447	1 609	558	-	-	1 540	258	1 145	1 185
SELECTED CHARACTERISTICS												
Units with roomers or boarders -----	29	32	-	40	12	5	-	-	3	-	33	46
No telephone -----	83	226	5	88	16	8	-	-	62	76	147	201
Owner-occupied housing units -----	456	397	-	977	1 296	470	-	-	807	100	763	674
4 or more bedrooms -----	138	107	-	173	145	96	-	-	78	16	181	61
1 complete bathroom plus half bath(s) -----	115	74	-	168	154	108	-	-	117	-	154	71
2 or more complete bathrooms -----	80	92	-	116	105	149	-	-	89	-	150	36
Renter-occupied housing units -----	326	811	22	470	313	88	-	-	733	158	382	511
2 or more bedrooms -----	194	313	5	299	225	38	-	-	506	87	304	463
1 complete bathroom plus half bath(s) -----	-	19	7	3	-	-	-	-	90	-	26	50
2 or more complete bathrooms -----	13	26	-	30	14	8	-	-	24	-	6	-
HOUSE HEATING FUEL												
Utility gas -----	754	970	22	1 368	1 558	545	-	-	1 500	252	1 081	1 156
Bottled, tank, or LP gas -----	-	20	-	9	18	6	-	-	-	-	7	-
Electricity -----	6	212	-	38	19	7	-	-	34	6	23	22
Fuel oil, kerosene, etc. -----	17	-	-	17	14	-	-	-	6	-	17	7
Other -----	5	6	-	15	-	-	-	-	-	-	17	-
No fuel used -----	-	-	-	-	-	-	-	-	-	-	-	-
VEHICLES AVAILABLE												
None -----	72	500	17	163	89	29	-	-	160	79	266	356
1 -----	381	518	5	628	749	198	-	-	815	118	502	524
2 -----	244	175	-	519	541	222	-	-	473	55	251	254
3 or more -----	85	15	-	137	230	109	-	-	92	6	126	51
YEAR HOUSEHOLDER MOVED INTO UNIT												
Owner-occupied housing units -----	456	397	-	977	1 296	470	-	-	807	100	763	674
1979 to March 1980 -----	33	5	-	80	93	40	-	-	78	-	30	25
1975 to 1978 -----	90	104	-	173	176	60	-	-	105	6	59	17
1970 to 1974 -----	36	30	-	125	179	85	-	-	126	20	148	67
1960 to 1969 -----	116	68	-	254	322	127	-	-	137	36	354	164
1959 or earlier -----	181	190	-	345	526	158	-	-	361	38	172	401
Renter-occupied housing units -----	326	811	22	470	313	88	-	-	733	158	382	511
1979 to March 1980 -----	179	374	12	219	165	20	-	-	375	46	170	131
1975 to 1978 -----	92	253	5	164	96	37	-	-	239	83	148	203
1970 to 1974 -----	26	90	-	46	27	20	-	-	72	8	31	100
1969 or earlier -----	29	94	5	41	25	11	-	-	47	21	33	77
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER												
Occupied housing units -----	204	401	12	309	520	161	-	-	427	45	206	311
Owner-occupied housing units -----	169	174	-	262	474	149	-	-	263	39	170	274
Lacking complete plumbing for exclusive use -----	-	-	-	8	6	-	-	-	-	-	6	5
No vehicle available -----	22	201	12	86	58	29	-	-	76	18	50	70
No telephone -----	13	36	-	12	-	8	-	-	-	-	4	14
INCOME IN 1979 BELOW POVERTY LEVEL												
Owner-occupied housing units -----	-	69	-	70	76	7	-	-	62	14	128	71
Percent below poverty level -----	-	17.4	-	7.2	5.9	1.5	-	-	7.7	14.0	16.8	10.5
Complete plumbing for exclusive use -----	-	69	-	62	76	7	-	-	62	14	128	71
1.01 or more persons per room -----	-	-	-	-	-	-	-	-	-	-	23	8
Lacking complete plumbing for exclusive use -----	-	-	-	8	-	-	-	-	-	-	-	-
1.01 or more persons per room -----	-	-	-	-	-	-	-	-	-	-	-	-
Renter-occupied housing units -----	82	334	12	121	29	15	-	-	154	60	192	274
Percent below poverty level -----	25.2	41.2	54.5	25.7	9.3	17.0	-	-	21.0	38.0	50.3	53.6
Complete plumbing for exclusive use -----	82	317	7	121	23	15	-	-	154	52	192	274
1.01 or more persons per room -----	-	54	-	7	-	-	-	-	5	-	16	43
Lacking complete plumbing for exclusive use -----	-	17	5	-	6	-	-	-	-	8	-	-
1.01 or more persons per room -----	-	5	-	-	-	-	-	-	-	-	-	-

Table H-7. Structural, Equipment, and Household Characteristics of Housing Units: 1980—Con.

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

Census Tracts	Muskegon Heights city, Muskegon County—Con.		Norton Shores city, Muskegon County					Remainder of Muskegon County					
	Tract 0014.01	Tract 0014.02	Tract 0023	Tract 0024	Tract 0025	Tract 0026.01	Tract 0026.02	Tract 0001 ^a	Tract 0004 ^a	Tract 0015	Tract 0016	Tract 0017	Tract 0018 ^b
Year-round housing units	730	1 933	2 115	1 243	2 257	1 432	948	47	51	1 558	739	1 384	1 096
SELECTED CHARACTERISTICS													
Complete kitchen facilities	708	1 891	2 115	1 238	2 257	1 425	938	47	51	1 544	739	1 384	1 073
1 complete bathroom plus half bath(s)	92	130	532	350	606	136	115	—	4	457	163	402	255
2 or more complete bathrooms	20	120	636	299	613	55	47	—	—	446	108	331	130
Air conditioning	190	241	319	486	261	213	116	14	—	391	46	175	139
Central system	41	53	157	321	146	36	23	—	—	99	—	34	28
Source of water, public system or private company	726	1 933	1 971	1 016	1 260	1 028	435	4	25	1 506	9	51	46
Sewage disposal, public sewer	722	1 901	1 674	805	245	547	462	28	10	1 504	9	61	31
UNITS IN STRUCTURE													
1, detached or attached	440	1 558	2 034	856	2 160	1 047	803	47	51	1 344	724	1 323	1 007
2	10	184	22	15	26	22	8	—	—	20	—	4	37
3 and 4	29	65	—	28	12	—	—	—	—	14	6	12	39
5 to 9	59	68	—	—	34	—	—	—	—	14	5	—	5
10 to 49	92	11	—	301	25	26	25	—	—	166	4	25	8
50 or more	100	—	—	43	—	—	—	—	—	—	—	—	—
Mobile home or trailer, etc.	—	47	59	—	—	337	112	—	—	—	—	20	—
YEAR STRUCTURE BUILT													
1979 to March 1980	—	20	24	41	113	115	5	—	—	11	21	39	79
1975 to 1978	8	5	104	255	214	125	17	—	—	83	39	202	183
1970 to 1974	105	27	118	176	237	149	88	—	—	56	108	173	103
1960 to 1969	185	137	768	215	445	242	126	—	—	309	110	383	253
1950 to 1959	67	452	863	244	665	249	311	32	7	418	218	283	221
1940 to 1949	128	499	183	129	302	321	246	15	40	286	119	155	160
1939 or earlier	237	793	55	183	281	231	155	—	4	395	124	149	97
HEATING EQUIPMENT													
Steam or hot water system	54	158	180	210	260	30	62	—	—	215	75	210	98
Central warm-air furnace	504	1 441	1 836	875	1 880	1 031	683	25	36	1 152	518	1 030	861
Electric heat pump	23	7	—	8	—	8	—	—	—	—	4	—	—
Other built-in electric units	55	23	48	44	26	7	13	—	—	130	17	19	—
Other means	94	304	51	106	91	356	185	22	15	61	125	125	137
None	—	—	—	—	—	—	—	—	—	—	—	—	—
Occupied housing units	698	1 818	2 082	1 138	2 200	1 390	902	47	51	1 517	706	1 351	1 043
SELECTED CHARACTERISTICS													
Units with roomers or boarders	26	29	28	10	17	21	31	6	—	24	—	5	—
No telephone	66	177	22	18	27	99	39	4	10	8	—	12	51
Owner-occupied housing units	342	1 340	1 965	762	2 049	1 151	767	31	26	1 233	658	1 231	900
4 or more bedrooms	68	160	496	179	451	83	44	—	4	305	114	243	145
1 complete bathroom plus half bath(s)	23	101	494	240	558	120	115	—	4	422	151	375	252
2 or more complete bathrooms	20	104	617	223	552	55	41	—	—	435	104	311	110
Renter-occupied housing units	356	478	117	376	151	239	135	16	25	284	48	120	143
2 or more bedrooms	163	300	101	231	122	193	111	12	25	166	48	93	125
1 complete bathroom plus half bath(s)	69	23	29	110	21	16	—	—	—	17	—	16	3
2 or more complete bathrooms	—	—	—	41	46	—	—	—	—	6	—	16	2
HOUSE HEATING FUEL													
Utility gas	602	1 724	1 985	1 043	2 114	1 332	801	47	51	1 343	374	1 266	913
Bottled, tank, or LP gas	—	8	12	6	—	12	—	—	—	10	52	—	18
Electricity	84	30	48	52	26	22	18	—	—	135	17	22	5
Fuel oil, kerosene, etc.	7	37	26	31	60	24	62	—	—	18	235	47	95
Other	5	19	11	6	—	—	21	—	—	11	28	16	12
No fuel used	—	—	—	—	—	—	—	—	—	—	—	—	—
VEHICLES AVAILABLE													
None	201	194	30	51	46	104	24	—	13	50	—	27	36
1	310	972	634	404	535	700	288	35	25	521	147	325	244
2	130	540	1 039	502	1 117	450	412	—	—	661	343	716	482
3 or more	57	112	379	181	502	136	178	12	13	285	216	283	281
YEAR HOUSEHOLDER MOVED INTO UNIT													
Owner-occupied housing units	342	1 340	1 965	762	2 049	1 151	767	31	26	1 233	658	1 231	900
1979 to March 1980	6	177	158	88	234	248	55	4	—	106	63	177	122
1975 to 1978	43	323	516	175	525	267	130	—	11	312	152	359	225
1970 to 1974	93	204	407	117	354	184	104	6	—	179	143	221	147
1960 to 1969	46	220	528	175	424	210	193	7	6	324	165	249	223
1959 or earlier	154	416	356	207	512	242	285	14	9	312	135	225	183
Renter-occupied housing units	356	478	117	376	151	239	135	16	25	284	48	120	143
1979 to March 1980	157	235	73	182	79	121	68	4	8	124	4	49	51
1975 to 1978	104	161	32	163	62	45	36	12	17	86	27	39	76
1970 to 1974	63	54	—	31	5	45	20	—	—	61	—	8	11
1969 or earlier	32	28	12	—	5	28	11	—	—	13	17	24	5
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER													
Occupied housing units	217	425	305	240	412	371	159	14	5	416	86	174	154
Owner-occupied housing units	99	405	305	169	392	349	144	14	5	368	73	158	136
Lacking complete plumbing for exclusive use	—	11	—	—	—	—	—	—	—	—	—	—	—
No vehicle available	117	92	18	26	46	41	6	—	5	43	—	27	12
No telephone	20	6	—	—	12	—	7	—	—	8	—	—	13
INCOME IN 1979 BELOW POVERTY LEVEL													
Owner-occupied housing units	40	205	41	21	41	118	55	—	—	34	36	38	47
Percent below poverty level	11.7	15.3	2.1	2.8	2.0	10.3	7.2	—	—	2.8	5.5	3.1	5.2
Complete plumbing for exclusive use	40	205	41	21	41	118	55	—	—	34	36	38	47
1.01 or more persons per room	—	6	—	—	—	—	—	—	—	—	6	—	16
Lacking complete plumbing for exclusive use	—	—	—	—	—	—	—	—	—	—	—	—	—
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—	—	—	—
Renter-occupied housing units	129	132	5	37	11	70	34	—	25	15	13	12	52
Percent below poverty level	36.2	27.6	4.3	9.8	7.3	29.3	25.2	—	100.0	5.3	27.1	10.0	36.4
Complete plumbing for exclusive use	129	132	5	37	11	70	26	—	25	15	13	12	52
1.01 or more persons per room	14	—	—	4	—	20	—	—	—	—	—	—	5
Lacking complete plumbing for exclusive use	—	—	—	—	—	—	—	—	—	—	—	—	—
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—	—	—	—

Table H-7. Structural, Equipment, and Household Characteristics of Housing Units: 1980—Con.

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

Census Tracts	Remainder of Muskegon County—Con.												
	Troct 0019.01	Troct 0019.02	Troct 0020	Troct 0022	Troct 0027	Troct 0028	Troct 0029	Troct 0030	Troct 0031	Troct 0032	Troct 0033	Troct 0034	Troct 0035
Year-round housing units	738	1 902	1 169	1 695	1 984	1 434	1 493	1 189	887	1 593	1 459	1 065	977
SELECTED CHARACTERISTICS													
Complete kitchen facilities	725	1 897	1 144	1 688	1 984	1 418	1 474	1 169	880	1 565	1 433	1 065	971
1 complete bathroom plus half bath(s)	124	120	98	478	449	260	202	159	70	221	149	124	179
2 or more complete bathrooms	10	49	70	106	232	340	149	115	78	136	136	115	145
Air conditioning	123	472	176	731	225	143	134	101	93	190	127	118	33
Central system	35	251	55	367	31	17	22	15	13	28	21	30	5
Source of water, public system or private company	81	1 475	281	1 663	570	464	259	10	72	283	114	21	7
Sewage disposal, public sewer	88	1 010	435	1 670	58	44	295	66	123	459	106	32	7
UNITS IN STRUCTURE													
1, detached or attached	733	1 532	992	1 104	1 895	1 364	1 415	983	773	1 236	1 104	949	952
2	5	5	6	—	34	36	24	20	5	28	39	24	9
3 and 4	—	—	—	5	—	23	15	13	23	27	8	10	9
5 to 9	—	13	—	58	11	11	3	2	—	10	2	—	7
10 to 49	—	87	—	370	—	—	2	7	—	—	—	—	—
50 or more	—	265	—	158	—	—	—	—	—	—	—	—	—
Mobile home or trailer, etc.	—	—	171	—	44	—	34	164	86	292	306	82	—
YEAR STRUCTURE BUILT													
1979 to March 1980	24	90	36	18	73	56	36	11	21	69	82	37	35
1975 to 1978	75	20	83	230	137	168	119	102	77	204	184	124	91
1970 to 1974	53	278	143	197	208	162	222	170	94	298	321	126	179
1960 to 1969	149	331	219	599	473	235	275	191	168	227	250	188	192
1950 to 1959	254	583	286	327	505	285	237	112	208	234	196	216	165
1940 to 1949	108	425	249	268	388	241	169	133	182	257	138	209	157
1939 or earlier	75	175	153	56	200	287	435	470	137	304	288	165	158
HEATING EQUIPMENT													
Steam or hot water system	62	105	81	165	124	181	54	45	37	55	57	64	148
Central warm-air furnace	561	1 461	867	1 426	1 529	1 002	1 035	776	586	1 208	893	763	534
Electric heat pump	—	—	—	12	—	—	3	3	—	—	2	—	—
Other built-in electric units	—	19	19	24	35	29	35	29	40	13	36	13	48
Other means	115	317	202	68	296	222	362	333	217	311	462	225	247
None	—	—	—	—	—	—	4	3	7	6	9	—	—
Occupied housing units	726	1 878	1 138	1 597	1 938	1 379	1 435	1 104	862	1 508	1 358	1 030	954
SELECTED CHARACTERISTICS													
Units with roomers or boarders	—	26	12	—	25	2	14	14	18	11	29	28	20
No telephone	23	69	34	20	44	36	42	66	27	59	81	53	57
Owner-occupied housing units	661	1 387	1 006	1 021	1 763	1 229	1 299	957	736	1 319	1 144	871	775
4 or more bedrooms	63	162	68	98	227	189	222	223	86	101	125	164	115
1 complete bathroom plus half bath(s)	124	91	65	382	391	249	196	145	65	212	139	124	173
2 or more complete bathrooms	10	49	70	106	223	328	144	88	71	126	130	115	121
Renter-occupied housing units	65	491	132	576	175	150	136	147	126	189	214	159	179
2 or more bedrooms	47	225	126	349	157	119	120	127	115	160	192	90	162
1 complete bathroom plus half bath(s)	—	29	15	75	32	4	6	11	5	9	7	—	6
2 or more complete bathrooms	—	—	—	—	—	2	3	8	7	—	4	—	21
HOUSE HEATING FUEL													
Utility gas	645	1 821	1 060	1 533	1 755	738	540	53	572	1 288	393	734	188
Bottled, tank, or LP gas	19	—	—	—	26	103	183	242	56	58	301	29	107
Electricity	7	24	24	36	35	29	41	31	47	27	42	13	55
Fuel oil, kerosene, etc.	55	26	33	28	101	447	563	623	138	123	455	211	500
Other	—	7	21	—	21	62	108	155	42	12	164	43	104
No fuel used	—	—	—	—	—	—	—	—	7	—	3	—	—
VEHICLES AVAILABLE													
None	35	179	36	76	35	31	44	27	26	23	42	53	11
1	177	830	413	736	504	312	352	267	276	524	456	288	227
2	317	658	374	556	855	652	560	484	297	607	545	449	428
3 or more	197	211	315	229	544	384	479	326	263	354	315	240	288
YEAR HOUSEHOLDER MOVED INTO UNIT													
Owner-occupied housing units	661	1 387	1 006	1 021	1 763	1 229	1 299	957	736	1 319	1 144	871	775
1979 to March 1980	38	125	98	108	135	126	116	85	63	189	220	139	113
1975 to 1978	208	269	310	150	380	327	311	233	215	352	272	222	168
1970 to 1974	136	231	165	169	286	217	260	193	118	277	242	107	143
1960 to 1969	149	344	248	352	514	236	265	211	162	227	212	222	175
1959 or earlier	130	418	185	242	448	323	347	235	178	274	198	181	176
Renter-occupied housing units	65	491	132	576	175	150	136	147	126	189	214	159	179
1979 to March 1980	35	229	60	228	59	105	54	43	45	82	94	66	121
1975 to 1978	11	115	35	247	95	25	39	56	56	71	81	61	18
1970 to 1974	7	108	16	82	5	7	27	20	18	18	18	10	16
1969 or earlier	12	39	21	19	16	13	16	28	7	18	21	22	24
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER													
Occupied housing units	100	542	184	490	263	213	237	189	108	245	182	129	117
Owner-occupied housing units	86	277	177	279	259	202	229	175	97	232	171	102	109
Lacking complete plumbing for exclusive use	—	5	12	—	—	8	11	6	9	—	8	—	—
No vehicle available	23	140	22	70	30	13	23	19	20	18	24	35	6
No telephone	—	23	6	—	—	15	6	12	—	15	8	10	18
INCOME IN 1979 BELOW POVERTY LEVEL													
Owner-occupied housing units	50	129	68	25	93	46	107	99	61	109	106	65	46
Percent below poverty level	7.6	9.3	6.8	2.4	5.3	3.7	8.2	10.3	8.3	8.3	9.3	7.5	5.9
Complete plumbing for exclusive use	50	129	62	25	93	38	104	99	61	109	104	65	46
1.01 or more persons per room	—	18	8	—	—	7	9	16	—	6	4	8	—
Lacking complete plumbing for exclusive use	—	—	6	—	—	8	3	—	—	—	2	—	—
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—	—	—	—
Renter-occupied housing units	33	93	22	39	39	19	30	27	26	47	53	51	32
Percent below poverty level	50.8	18.9	16.7	6.8	22.3	12.7	22.1	18.4	20.6	24.9	24.8	32.1	17.9
Complete plumbing for exclusive use	33	93	22	39	39	19	24	26	26	47	53	51	32
1.01 or more persons per room	—	6	—	—	—	7	5	3	—	10	5	13	—
Lacking complete plumbing for exclusive use	—	—	—	—	—	—	6	1	—	—	—	—	—
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—	—	—	—

Table H-7. **Structural, Equipment, and Household Characteristics of Housing Units: 1980—Con.**

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

Census Tracts	Remainder of Muskegon County—Con.					Totals for split tracts in Muskegon County			Oceano County				
	Tract 0036	Tract 0037	Tract 0038	Tract 0039	Tract 0040	Tract 0001	Tract 0004	Tract 0018	Tract 0101	Tract 0102	Tract 0103	Tract 0104	Tract 0105
Year-round housing units	1 275	2 046	1 278	559	346	1 958	2 298	1 096	988	1 242	2 172	1 465	2 479
SELECTED CHARACTERISTICS													
Complete kitchen facilities	1 262	2 033	1 274	539	339	1 952	2 256	1 073	967	1 220	2 140	1 436	2 392
1 complete bathroom plus half bath(s)	92	473	262	97	52	113	291	255	144	148	331	218	249
2 or more complete bathrooms	141	388	196	76	48	50	57	130	193	152	239	177	189
Air conditioning	134	223	86	48	40	1 489	272	139	68	64	152	121	125
Central system	26	67	31	12	6	469	34	28	7	9	41	19	12
Source of water, public system or private company	39	1 241	838	35	2	1 888	2 205	46	406	19	675	837	222
Sewage disposal, public sewer	30	1 155	768	21	—	1 923	2 247	31	429	16	641	758	59
UNITS IN STRUCTURE													
1, detached or attached	1 182	1 628	1 149	493	323	695	2 194	1 007	847	1 051	1 742	1 164	1 947
2	11	102	35	4	5	12	52	37	20	20	67	83	35
3 and 4	6	104	43	—	6	101	14	39	16	13	40	72	28
5 to 9	7	28	25	—	—	222	11	5	10	4	19	26	10
10 to 49	—	38	12	16	—	686	27	8	—	10	—	10	—
50 or more	—	—	—	—	—	242	—	—	—	—	—	—	—
Mobile home or trailer, etc.	69	146	14	46	12	—	—	—	95	144	304	110	459
YEAR STRUCTURE BUILT													
1979 to March 1980	63	40	27	14	10	4	—	79	22	21	65	20	51
1975 to 1978	84	220	62	46	52	178	—	183	110	114	191	80	240
1970 to 1974	210	295	85	115	50	920	18	103	149	185	343	146	448
1960 to 1969	175	343	149	128	59	430	238	253	119	233	367	179	448
1950 to 1959	206	333	332	93	82	123	605	221	99	127	234	116	229
1940 to 1949	222	206	175	45	47	102	498	160	84	127	176	207	172
1939 or earlier	315	609	448	118	46	201	939	97	405	435	796	717	891
HEATING EQUIPMENT													
Steam or hot water system	126	300	114	28	32	566	79	98	126	106	199	178	129
Central warm-air furnace	747	1 294	943	362	163	1 215	1 803	861	562	679	1 447	866	1 347
Electric heat pump	—	7	—	—	—	6	7	—	1	3	13	9	16
Other built-in electric units	52	73	27	47	21	32	15	—	49	70	60	34	55
Other means	346	372	192	122	128	139	394	137	247	376	451	370	912
None	4	—	2	—	2	—	—	—	3	8	2	8	20
Occupied housing units	1 151	1 828	1 143	465	260	1 842	2 242	1 043	909	1 091	1 939	1 273	2 206
SELECTED CHARACTERISTICS													
Units with roomers or boarders	28	48	9	—	12	50	39	—	10	17	19	17	24
No telephone	68	51	32	19	7	59	108	51	54	62	148	97	194
Owner-occupied housing units	959	1 451	945	430	234	498	1 816	900	730	935	1 627	960	1 914
4 or more bedrooms	96	292	277	87	35	69	241	145	138	207	359	215	300
1 complete bathroom plus half bath(s)	87	421	251	95	51	39	264	252	117	129	307	172	217
2 or more complete bathrooms	122	321	189	72	48	50	53	110	174	124	213	153	162
Renter-occupied housing units	192	377	198	35	26	1 344	426	143	179	156	312	313	292
2 or more bedrooms	167	269	150	24	26	543	346	125	148	134	271	222	248
1 complete bathroom plus half bath(s)	—	16	11	2	1	74	19	3	17	9	18	27	7
2 or more complete bathrooms	—	20	7	2	—	—	4	2	7	17	18	12	17
HOUSE HEATING FUEL													
Utility gas	529	1 512	888	79	4	1 750	2 201	913	482	6	900	706	266
Bottled, tank, or LP gas	184	24	41	104	58	13	9	18	91	217	288	105	577
Electricity	49	85	33	17	21	52	22	5	50	64	78	44	75
Fuel oil, kerosene, etc.	292	174	140	235	143	6	10	95	216	630	533	355	944
Other	96	33	41	30	34	21	—	12	70	174	138	60	338
No fuel used	1	—	—	—	—	—	—	—	—	—	2	3	6
VEHICLES AVAILABLE													
None	60	98	37	4	4	267	203	36	51	63	127	127	139
1	418	659	315	122	54	976	973	244	368	313	666	500	705
2	413	730	475	210	129	482	734	482	335	444	755	431	841
3 or more	260	341	316	129	73	117	332	281	155	271	391	215	521
YEAR HOUSEHOLDER MOVED INTO UNIT													
Owner-occupied housing units	959	1 451	945	430	234	498	1 816	900	730	935	1 627	960	1 914
1979 to March 1980	121	186	105	37	39	35	147	122	92	82	185	78	189
1975 to 1978	225	377	242	108	84	92	301	225	180	264	396	193	564
1970 to 1974	275	319	149	125	49	146	318	147	144	215	345	157	424
1960 to 1969	145	262	191	80	36	123	356	223	149	158	319	236	364
1959 or earlier	193	307	258	80	26	102	694	183	165	216	382	296	373
Renter-occupied housing units	192	377	198	35	26	1 344	426	143	179	156	312	313	292
1979 to March 1980	60	184	105	20	10	615	195	51	91	68	136	139	133
1975 to 1978	49	145	72	3	7	604	155	76	51	43	100	97	77
1970 to 1974	64	30	—	5	7	125	34	11	11	13	34	34	39
1969 or earlier	19	18	21	7	2	—	42	5	26	32	42	43	43
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER													
Occupied housing units	186	366	218	84	28	399	592	154	282	238	453	334	516
Owner-occupied housing units	159	301	197	79	28	141	546	136	261	213	392	283	479
Lacking complete plumbing for exclusive use	12	—	—	4	3	—	—	—	2	6	15	3	39
No vehicle available	12	80	27	4	1	168	116	12	35	42	88	91	83
No telephone	2	2	—	—	—	—	22	13	13	22	18	12	46
INCOME IN 1979 BELOW POVERTY LEVEL													
Owner-occupied housing units	125	72	33	31	34	60	214	47	68	94	182	98	273
Percent below poverty level	13.0	5.0	3.5	7.2	14.5	12.0	11.8	5.2	9.3	10.1	11.2	10.2	14.3
Complete plumbing for exclusive use	117	72	33	29	34	60	214	47	68	86	172	95	250
1.01 or more persons per room	9	11	—	—	4	6	31	16	—	1	16	10	15
Lacking complete plumbing for exclusive use	8	—	—	2	—	—	—	—	—	8	10	3	23
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—	—	—	4
Renter-occupied housing units	69	68	42	6	6	304	134	52	25	41	92	76	98
Percent below poverty level	35.9	18.0	21.2	17.1	23.1	22.6	31.5	36.4	14.0	26.3	29.5	24.3	33.6
Complete plumbing for exclusive use	69	68	42	6	6	304	129	52	25	39	90	72	86
1.01 or more persons per room	8	1	5	—	—	10	—	5	—	2	9	5	15
Lacking complete plumbing for exclusive use	—	—	—	—	—	—	5	—	—	2	2	4	12
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—	—	—	3

Table H-8. Financial Characteristics of 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]

Census Tracts	Muskegon County						Oceana County	Muskegon city, Muskegon County				
	The SMSA	Total	Muskegon city	Muskegon Heights city	Norton Shores city	Remainder		Tract 0001P	Tract 0002	Tract 0003	Tract 0004P	Tract 0005
Specified owner-occupied housing units -----	37 330	33 986	8 071	2 859	5 764	17 292	3 344	442	226	714	1 672	1 139
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS												
With a mortgage -----	19 902	18 388	3 529	1 502	3 196	10 161	1 514	264	102	275	748	539
Less than \$100 -----	70	52	16	-	8	28	18	-	-	9	-	-
\$100 to \$199 -----	2 194	2 076	645	359	165	907	118	23	20	84	138	135
\$200 to \$299 -----	7 719	7 085	1 946	806	829	3 504	634	144	78	147	437	297
\$300 to \$399 -----	5 548	5 092	611	283	912	3 286	456	73	-	13	123	83
\$400 to \$599 -----	3 404	3 158	289	42	833	1 994	246	24	4	18	50	24
\$600 or more -----	967	925	22	12	449	442	42	-	-	4	-	-
Median -----	\$300	\$300	\$250	\$244	\$364	\$317	\$298	\$278	\$238	\$222	\$249	\$235
Not mortgaged -----	17 428	15 598	4 542	1 357	2 568	7 131	1 830	178	124	439	924	600
Less than \$100 -----	2 911	2 610	922	324	441	923	301	63	26	108	189	179
\$100 to \$199 -----	12 600	11 264	3 261	952	1 762	5 289	1 336	98	86	317	695	397
\$200 or more -----	1 917	1 724	359	81	365	919	1 936	17	12	14	40	24
Median -----	\$136	\$136	\$125	\$124	\$145	\$142	\$136	\$111	\$130	\$116	\$123	\$116
HOUSEHOLD INCOME IN 1979 BY SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF INCOME												
Less than \$10,000 -----	8 763	7 749	2 605	1 123	844	3 177	1 014	113	74	327	607	404
Less than 15 percent -----	703	653	220	93	103	237	50	6	-	30	54	63
15 to 24 percent -----	2 434	2 150	779	226	292	853	284	35	12	101	173	96
25 to 29 percent -----	1 010	884	342	106	78	358	126	18	12	45	99	48
30 percent or more -----	4 441	3 902	1 214	679	355	1 654	539	54	50	151	267	186
Not computed -----	175	160	50	19	16	75	15	-	-	-	14	11
Median -----	30.8	30.7	29.1	35.5	26.2	31.7	31.6	29.3	45.7	28.6	28.5	28.9
\$10,000 to \$19,999 -----	11 692	10 542	2 706	1 001	1 472	5 363	1 150	164	106	222	486	406
Less than 15 percent -----	4 846	4 398	1 414	406	651	1 927	448	72	44	115	264	183
15 to 24 percent -----	4 452	4 045	971	437	504	2 133	407	48	43	76	197	159
25 to 29 percent -----	1 040	902	149	60	144	549	138	11	13	16	11	27
30 percent or more -----	1 354	1 197	172	98	173	754	157	33	6	15	14	37
Not computed -----	...	...	...	...	...	...	...	...	...	...	...	...
Median -----	16.9	16.8	14.7	16.7	16.6	18.1	17.6	16.4	16.3	14.8	14.3	16.3
\$20,000 or more -----	16 875	15 695	2 760	735	3 448	8 752	1 180	165	46	165	579	329
Less than 15 percent -----	11 774	10 908	2 231	592	2 231	5 854	866	127	46	152	449	304
15 to 24 percent -----	4 311	4 027	505	124	906	2 492	284	38	-	8	130	25
25 to 29 percent -----	515	495	24	19	183	269	20	-	-	5	-	-
30 percent or more -----	275	265	-	-	128	137	10	-	-	-	-	-
Not computed -----	...	...	...	...	...	...	...	...	...	...	...	...
Median -----	11.5	11.5	9.5	8.5	12.3	12.1	11.0	11.1	11.0	7.1	9.4	7.5
Specified renter-occupied housing units -----	13 795	12 835	6 137	1 872	993	3 833	960	1 307	148	536	392	1 020
GROSS RENT												
Less than \$80 -----	632	629	436	107	-	86	3	196	-	-	9	126
\$80 to \$99 -----	277	262	129	78	6	49	15	28	-	43	-	13
\$100 to \$149 -----	1 368	1 291	750	215	49	277	77	34	-	62	52	130
\$150 to \$199 -----	3 360	3 122	1 854	531	100	637	238	470	40	155	76	323
\$200 to \$249 -----	3 731	3 500	1 810	438	271	981	231	489	46	166	119	210
\$250 to \$299 -----	1 900	1 773	601	272	184	716	127	49	47	71	48	114
\$300 to \$349 -----	1 087	1 021	302	122	170	427	66	26	8	39	48	64
\$350 to \$399 -----	476	449	62	30	145	212	27	-	-	-	4	17
\$400 or more -----	223	216	18	14	45	139	7	-	-	-	-	4
No cash rent -----	741	572	175	65	23	309	169	15	7	-	36	19
Median -----	\$212	\$212	\$195	\$198	\$264	\$238	\$213	\$192	\$240	\$203	\$212	\$187
One-family house, detached or attached -----	5 779	5 267	1 908	889	547	1 923	512	159	116	264	317	377
Median gross rent -----	\$233	\$234	\$229	\$226	\$238	\$243	\$220	\$226	\$251	\$227	\$226	\$240
HOUSEHOLD INCOME IN 1979 BY GROSS RENT AS PERCENTAGE OF INCOME												
Less than \$10,000 -----	7 255	6 740	3 468	1 229	331	1 712	515	608	115	385	170	666
Less than 15 percent -----	89	84	65	-	-	19	5	-	-	23	-	14
15 to 19 percent -----	288	282	164	42	19	57	6	28	-	-	-	63
20 to 24 percent -----	590	567	375	88	-	104	23	93	9	13	-	110
25 to 29 percent -----	840	816	460	156	27	173	24	180	6	19	13	26
30 to 34 percent -----	677	633	277	96	31	229	44	91	6	36	8	46
35 percent or more -----	4 214	3 900	1 944	758	236	962	314	208	87	265	135	382
Not computed -----	557	458	183	89	18	168	99	8	7	29	14	25
Median -----	43.4	42.8	41.6	45.1	50+	41.5	50+	30.0	47.4	50+	50+	44.6
\$10,000 to \$19,999 -----	4 380	4 057	1 893	447	385	1 332	323	490	25	121	136	264
Less than 15 percent -----	901	853	497	135	68	153	48	90	-	52	42	52
15 to 19 percent -----	1 305	1 214	687	136	48	343	91	212	10	55	36	89
20 to 24 percent -----	1 057	999	416	72	134	377	58	129	8	14	38	66
25 to 29 percent -----	508	465	178	46	65	176	43	48	7	-	-	25
30 to 34 percent -----	197	186	51	26	41	68	11	11	-	-	-	6
35 percent or more -----	181	170	40	-	29	101	11	-	-	-	7	26
Not computed -----	231	170	24	32	-	114	61	-	-	-	13	-
Median -----	19.5	19.5	18.2	17.7	22.9	21.5	19.6	18.7	21.6	15.8	17.7	19.5
\$20,000 or more -----	2 160	2 038	776	196	277	789	122	209	8	30	86	90
Less than 15 percent -----	1 539	1 453	627	164	150	512	86	180	8	16	73	76
15 to 19 percent -----	412	392	117	18	100	157	20	20	-	14	4	14
20 to 24 percent -----	80	80	-	6	22	52	-	-	-	-	-	-
25 to 29 percent -----	8	7	-	-	-	7	1	-	-	-	-	-
30 to 34 percent -----	-	-	-	-	-	-	-	-	-	-	-	-
35 percent or more -----	-	-	-	-	-	-	-	-	-	-	-	-
Not computed -----	121	106	32	8	5	61	15	7	-	-	9	-
Median -----	12.3	12.3	11.6	11.2	14.4	12.7	11.8	11.3	5.0	14.5	12.0	10.3

Table H-8. Financial Characteristics of Housing Units: 1980—Con.

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

Census Tracts	Muskegon city, Muskegon County—Con.									Muskegon Heights city, Muskegon County		
	Tract 0006.01	Tract 0006.02	Tract 0007	Tract 0008	Tract 0009	Tract 0010	Tract 0010.99	Tract 0018*	Tract 0021	Tract 0011	Tract 0012	Tract 0013
Specified owner-occupied housing units -----	380	336	-	818	1 187	415	-	-	742	100	656	610
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS												
With a mortgage -----	168	128	-	374	522	158	-	-	251	37	394	308
Less than \$100 -----	-	-	-	-	7	-	-	-	-	-	-	-
\$100 to \$199 -----	31	51	-	58	48	14	-	-	43	10	49	103
\$200 to \$299 -----	69	77	-	213	323	45	-	-	116	21	178	162
\$300 to \$399 -----	60	-	-	82	98	45	-	-	34	6	141	31
\$400 to \$599 -----	8	-	-	21	38	44	-	-	58	-	26	-
\$600 or more -----	-	-	-	-	8	10	-	-	-	-	-	12
Median -----	\$273	\$211	-	\$260	\$264	\$325	-	-	\$257	\$220	\$284	\$230
Not mortgaged -----	212	208	-	444	665	257	-	-	491	63	262	302
Less than \$100 -----	38	21	-	126	88	21	-	-	63	-	58	31
\$100 to \$199 -----	155	164	-	310	537	165	-	-	337	57	175	238
\$200 or more -----	19	23	-	8	40	71	-	-	91	6	29	33
Median -----	\$127	\$133	-	\$121	\$132	\$173	-	-	\$138	\$142	\$149	\$140
HOUSEHOLD INCOME IN 1979 BY SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF INCOME												
Less than \$10,000 -----	89	139	-	203	315	100	-	-	234	45	230	285
Less than 15 percent -----	-	7	-	26	13	-	-	-	21	-	21	5
15 to 24 percent -----	54	46	-	26	102	50	-	-	84	6	50	43
25 to 29 percent -----	5	6	-	36	41	16	-	-	16	21	15	9
30 percent or more -----	30	80	-	115	140	34	-	-	107	12	144	228
Not computed -----	-	-	-	-	19	-	-	-	6	6	-	-
Median -----	19.1	31.8	-	31.6	29.0	25.0	-	-	27.8	28.2	37.0	38.8
\$10,000 to \$19,999 -----	135	130	-	297	388	91	-	-	281	26	230	191
Less than 15 percent -----	104	77	-	142	240	21	-	-	152	20	60	88
15 to 24 percent -----	15	53	-	119	109	59	-	-	93	6	105	62
25 to 29 percent -----	11	-	-	11	22	6	-	-	21	-	7	19
30 percent or more -----	5	-	-	25	17	5	-	-	15	-	58	22
Not computed -----	...	...	...	...	...	...	...	...	...	...	...	...
Median -----	10.9	13.8	-	15.4	13.5	17.3	-	-	14.5	13.2	18.6	16.5
\$20,000 or more -----	156	67	-	318	484	224	-	-	227	29	196	134
Less than 15 percent -----	90	60	-	259	401	159	-	-	184	29	138	98
15 to 24 percent -----	66	7	-	59	79	55	-	-	38	-	51	24
25 to 29 percent -----	-	-	-	-	4	10	-	-	5	-	7	12
30 percent or more -----	-	-	-	-	-	-	-	-	-	-	-	-
Not computed -----	...	...	...	...	...	...	...	...	...	...	...	...
Median -----	13.3	10.4	-	8.4	10.1	11.9	-	-	8.7	5.0	9.5	10.0
Specified renter-occupied housing units -----	326	806	22	470	308	88	-	-	714	158	382	506
GROSS RENT												
Less than \$80 -----	6	47	-	16	-	-	-	-	36	8	-	20
\$80 to \$99 -----	-	13	7	7	-	6	-	-	12	8	-	10
\$100 to \$149 -----	59	278	-	60	27	11	-	-	37	29	49	35
\$150 to \$199 -----	105	211	10	152	114	32	-	-	166	51	80	226
\$200 to \$249 -----	105	127	-	110	88	24	-	-	326	10	72	130
\$250 to \$299 -----	31	53	-	73	40	15	-	-	60	23	129	26
\$300 to \$349 -----	4	39	-	23	21	-	-	-	30	12	32	44
\$350 to \$399 -----	7	18	-	-	5	-	-	-	11	-	7	15
\$400 or more -----	-	6	-	-	-	-	-	-	8	-	8	-
No cash rent -----	9	14	5	29	13	-	-	-	28	17	5	-
Median -----	\$187	\$169	\$161	\$194	\$204	\$187	-	-	\$212	\$189	\$242	\$196
One-family house, detached or attached -----	110	112	-	106	172	48	-	-	127	84	202	242
Median gross rent -----	\$220	\$231	-	\$264	\$218	\$200	-	-	\$222	\$253	\$261	\$196
HOUSEHOLD INCOME IN 1979 BY GROSS RENT AS PERCENTAGE OF INCOME												
Less than \$10,000 -----	142	601	17	266	123	28	-	-	347	98	282	336
Less than 15 percent -----	-	-	-	17	-	6	-	-	5	-	-	-
15 to 19 percent -----	6	45	-	9	7	-	-	-	6	-	-	6
20 to 24 percent -----	5	73	-	37	13	-	-	-	22	-	21	11
25 to 29 percent -----	21	52	-	41	21	7	-	-	74	14	19	43
30 to 34 percent -----	-	38	-	19	12	-	-	-	21	6	8	33
35 percent or more -----	105	378	12	121	51	15	-	-	185	62	210	231
Not computed -----	5	15	5	22	19	-	-	-	34	16	24	12
Median -----	50+	40.3	50+	34.7	34.6	41.7	-	-	39.1	50+	50+	50+
\$10,000 to \$19,999 -----	138	153	5	135	139	47	-	-	240	38	64	121
Less than 15 percent -----	60	59	-	37	39	23	-	-	43	13	-	39
15 to 19 percent -----	37	37	5	45	46	15	-	-	100	8	14	40
20 to 24 percent -----	7	22	-	7	34	9	-	-	62	-	14	15
25 to 29 percent -----	-	25	-	29	20	-	-	-	17	-	21	17
30 to 34 percent -----	-	10	-	6	-	-	-	-	18	-	10	10
35 percent or more -----	7	-	-	-	-	-	-	-	-	-	-	-
Not computed -----	-	-	-	11	-	-	-	-	-	17	5	-
Median -----	16.2	17.4	17.5	17.8	18.3	15.2	-	-	18.8	8.1	25.4	17.7
\$20,000 or more -----	46	52	-	69	46	13	-	-	127	22	36	49
Less than 15 percent -----	42	33	-	47	39	13	-	-	100	22	36	49
15 to 19 percent -----	-	10	-	19	7	-	-	-	27	-	-	-
20 to 24 percent -----	-	-	-	-	-	-	-	-	-	-	-	-
25 to 29 percent -----	-	-	-	-	-	-	-	-	-	-	-	-
30 to 34 percent -----	-	-	-	-	-	-	-	-	-	-	-	-
35 percent or more -----	-	-	-	-	-	-	-	-	-	-	-	-
Not computed -----	4	9	-	3	-	-	-	-	-	-	-	-
Median -----	7.5	8.0	-	12.2	12.6	10.9	-	-	12.7	6.9	10.9	8.2

Table H-8. Financial Characteristics of Housing Units: 1980—Con.

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

Census Tracts	Muskegon Heights city, Muskegon County—Con.		Norton Shores city, Muskegon County					Remainder of Muskegon County					
	Tract 0014.01	Tract 0014.02	Tract 0023	Tract 0024	Tract 0025	Tract 0026.01	Tract 0026.02	Tract 0001*	Tract 0004*	Tract 0015	Tract 0016	Tract 0017	Tract 0018*
Specified owner-occupied housing units	297	1 196	1 813	663	1 939	747	602	31	18	1 162	533	1 116	815
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS													
With a mortgage	138	625	1 118	343	1 165	322	248	17	7	665	337	726	517
Less than \$100	—	—	—	—	8	—	—	—	—	—	—	—	—
\$100 to \$199	37	160	42	—	31	70	22	7	—	7	20	20	13
\$200 to \$299	76	369	292	62	233	159	83	6	7	143	77	181	156
\$300 to \$399	25	80	308	52	376	63	113	4	—	176	128	239	176
\$400 to \$599	—	16	330	116	333	24	30	—	—	217	94	200	144
\$600 or more	—	—	146	113	184	6	—	—	—	122	18	86	28
Median	\$240	\$235	\$372	\$451	\$383	\$243	\$314	\$213	\$225	\$404	\$361	\$364	\$340
Not mortgaged	159	571	695	320	774	425	354	14	11	497	196	390	298
Less than \$100	56	179	64	34	47	247	49	6	—	7	11	47	40
\$100 to \$199	103	379	506	227	568	178	283	8	11	298	169	267	231
\$200 or more	—	13	125	59	159	—	22	—	—	192	16	76	27
Median	\$110	\$114	\$158	\$175	\$156	\$94	\$132	\$103	\$113	\$178	\$141	\$153	\$149
HOUSEHOLD INCOME IN 1979 BY SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF INCOME													
Less than \$10,000	105	458	179	78	222	249	116	18	5	124	83	100	123
Less than 15 percent	20	47	14	—	14	58	17	8	—	—	6	6	13
15 to 24 percent	38	89	65	45	75	77	30	6	5	28	26	34	44
25 to 29 percent	—	61	18	6	37	17	—	—	—	6	14	—	6
30 percent or more	40	255	76	27	91	92	69	4	—	82	37	55	51
Not computed	7	6	6	—	5	5	—	—	—	8	—	5	9
Median	22.5	35.6	27.1	23.3	27.6	23.8	31.8	15.8	22.5	44.6	28.4	35.4	25.0
\$10,000 to \$19,999	84	470	420	135	402	279	236	—	—	276	145	293	284
Less than 15 percent	32	206	173	47	119	157	155	—	—	86	39	63	87
15 to 24 percent	52	212	175	45	143	83	58	—	—	64	44	146	108
25 to 29 percent	—	34	30	12	68	22	12	—	—	34	7	34	30
30 percent or more	—	18	42	31	72	17	11	—	—	92	55	50	59
Not computed .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Median	16.4	16.2	17.0	20.3	19.1	13.2	12.8	...	...	23.3	22.2	21.6	18.9
\$20,000 or more	108	268	1 214	450	1 315	219	250	13	13	762	305	723	408
Less than 15 percent	96	231	766	260	828	183	194	13	13	490	175	394	224
15 to 24 percent	12	37	360	118	336	36	56	—	—	210	118	276	140
25 to 29 percent	—	—	50	49	84	—	—	—	—	27	7	25	38
30 percent or more	—	—	38	23	67	—	—	—	—	35	5	28	6
Not computed .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Median	6.8	8.6	12.5	13.5	12.7	8.0	10.7	9.3	10.4	12.7	13.3	14.0	14.1
Specified renter-occupied housing units	348	478	111	376	143	239	124	16	25	284	44	108	133
GROSS RENT													
Less than \$80	65	14	—	—	—	—	—	—	—	—	—	—	—
\$80 to \$99	41	19	6	—	—	—	—	—	—	—	—	—	11
\$100 to \$149	49	53	16	5	8	20	—	—	—	—	—	—	8
\$150 to \$199	39	135	—	16	8	46	30	12	15	40	—	22	13
\$200 to \$249	111	115	12	96	28	90	45	4	10	94	21	22	31
\$250 to \$299	27	67	19	55	30	49	31	—	—	92	7	26	31
\$300 to \$349	9	25	6	97	35	22	10	—	—	24	—	12	16
\$350 to \$399	—	8	36	86	23	—	—	—	—	15	4	3	2
\$400 or more	—	6	10	16	11	—	8	—	—	6	—	15	10
No cash rent	7	36	6	5	—	12	—	—	—	13	12	8	11
Median	\$184	\$200	\$299	\$307	\$297	\$216	\$230	\$187	\$168	\$251	\$234	\$267	\$248
One-family house, detached or attached	109	252	83	104	66	203	91	16	25	78	44	92	49
Median gross rent	\$201	\$234	\$282	\$244	\$245	\$230	\$229	\$183	\$192	\$275	\$238	\$265	\$290
HOUSEHOLD INCOME IN 1979 BY GROSS RENT AS PERCENTAGE OF INCOME													
Less than \$10,000	274	239	17	85	46	133	50	4	8	129	31	32	64
Less than 15 percent	12	24	—	—	8	11	—	—	—	—	—	—	8
15 to 19 percent	38	18	—	—	—	—	—	—	—	—	—	7	—
20 to 24 percent	72	8	—	—	8	19	—	—	—	—	—	—	—
25 to 29 percent	43	6	—	4	19	8	—	4	—	14	8	—	16
30 to 34 percent	97	158	11	81	11	83	50	—	8	108	13	9	40
35 percent or more	12	25	6	—	—	12	—	—	—	7	3	16	—
Not computed	31.0	45.1	37.5	50+	31.8	50+	49.0	32.5	45.0	45.1	34.4	41.1	38.1
Median	31.0	45.1	37.5	50+	31.8	50+	49.0	32.5	45.0	45.1	34.4	41.1	38.1
\$10,000 to \$19,999	64	160	33	168	42	85	57	12	17	78	9	49	29
Less than 15 percent	12	71	17	10	—	17	24	—	7	19	—	—	—
15 to 19 percent	28	46	—	24	9	8	7	—	—	23	—	22	15
20 to 24 percent	21	22	6	60	5	37	26	12	10	12	—	4	12
25 to 29 percent	—	8	—	32	17	16	—	—	—	24	—	15	—
30 to 34 percent	—	6	—	29	5	7	—	—	—	—	—	—	2
35 percent or more	—	—	10	13	6	—	—	—	—	—	—	8	—
Not computed	3	7	—	—	—	—	—	—	—	—	9	—	—
Median	18.3	15.6	9.7	24.2	27.1	22.4	18.2	22.5	20.7	19.3	—	23.1	19.8
\$20,000 or more	10	79	61	123	55	21	17	—	—	77	4	27	40
Less than 15 percent	6	51	41	50	21	21	17	—	—	39	—	20	17
15 to 19 percent	—	18	20	46	34	—	—	—	—	32	4	—	9
20 to 24 percent	—	6	—	22	—	—	—	—	—	—	—	4	—
25 to 29 percent	—	—	—	—	—	—	—	—	—	—	—	3	3
30 to 34 percent	—	—	—	—	—	—	—	—	—	—	—	—	—
35 percent or more	—	—	—	—	—	—	—	—	—	—	—	—	—
Not computed	4	4	—	5	—	—	—	—	—	6	—	—	11
Median	12.5	13.2	13.1	16.0	16.0	11.0	12.5	—	—	14.3	17.5	13.4	14.3

Table H-8. Financial Characteristics of Housing Units: 1980—Con.

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

Census Tracts	Remainder of Muskegon County—Con.												
	Tract 0019.01	Tract 0019.02	Tract 0020	Tract 0022	Tract 0027	Tract 0028	Tract 0029	Tract 0030	Tract 0031	Tract 0032	Tract 0033	Tract 0034	Tract 0035
Specified owner-occupied housing units -----	609	1 312	745	966	1 556	967	760	403	490	957	535	605	512
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS													
With a mortgage -----	392	731	411	506	948	567	434	231	327	531	276	347	328
Less than \$100 -----	5	—	—	—	—	—	—	—	8	7	2	—	—
\$100 to \$199 -----	83	122	108	7	72	29	26	22	46	99	33	11	30
\$200 to \$299 -----	166	397	214	175	332	145	185	58	143	194	97	162	99
\$300 to \$399 -----	93	161	62	191	334	196	146	86	106	174	83	127	104
\$400 to \$599 -----	45	44	27	105	184	165	67	59	24	57	58	47	89
\$600 or more -----	—	7	—	28	26	32	10	6	—	—	3	—	6
Median -----	\$269	\$263	\$245	\$331	\$320	\$354	\$303	\$347	\$258	\$276	\$306	\$300	\$327
Not mortgaged -----	217	581	334	460	608	400	326	172	163	426	259	258	184
Less than \$100 -----	41	158	121	7	52	28	24	12	25	115	29	57	18
\$100 to \$199 -----	171	400	196	382	503	318	246	126	129	272	202	188	149
\$200 or more -----	5	23	17	71	53	54	56	34	9	39	28	13	17
Median -----	\$132	\$120	\$114	\$161	\$145	\$159	\$144	\$159	\$132	\$116	\$143	\$118	\$150
HOUSEHOLD INCOME IN 1979 BY SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF INCOME													
Less than \$10,000 -----	86	405	157	128	235	163	138	70	104	188	138	116	98
Less than 15 percent -----	5	44	35	—	8	—	7	2	12	18	12	18	5
15 to 24 percent -----	18	146	37	32	74	54	23	15	39	53	22	20	19
25 to 29 percent -----	5	23	23	16	39	43	10	7	17	26	12	21	8
30 percent or more -----	58	192	62	73	114	57	93	46	36	91	90	57	54
Not computed -----	—	—	—	7	—	—	5	—	—	—	2	—	12
Median -----	47.7	27.7	26.4	33.3	29.6	27.7	38.4	44.3	25.3	29.4	35.0	29.8	42.2
\$10,000 to \$19,999 -----	230	460	279	246	446	254	297	150	143	366	188	221	175
Less than 15 percent -----	116	155	132	82	142	109	112	45	39	166	77	87	67
15 to 24 percent -----	78	231	109	116	210	81	111	50	67	148	69	86	57
25 to 29 percent -----	24	30	21	31	54	18	21	25	12	30	18	29	7
30 percent or more -----	12	44	17	17	40	46	53	30	25	22	24	19	44
Not computed -----	14.9	17.7	15.4	17.9	18.8	17.2	18.2	20.7	17.8	15.9	16.9	18.7	17.4
Median -----	14.9	17.7	15.4	17.9	18.8	17.2	18.2	20.7	17.8	15.9	16.9	18.7	17.4
\$20,000 or more -----	293	447	309	592	875	550	325	183	243	403	209	268	239
Less than 15 percent -----	209	359	264	431	599	334	236	125	175	285	141	168	168
15 to 24 percent -----	81	77	41	144	237	189	83	47	68	112	59	83	61
25 to 29 percent -----	—	7	4	11	39	11	6	7	—	6	7	12	10
30 percent or more -----	3	4	—	6	—	16	—	4	—	—	2	5	—
Not computed -----	11.6	9.6	8.5	11.8	11.8	13.3	10.8	11.4	11.2	10.9	11.7	11.0	12.4
Median -----	11.6	9.6	8.5	11.8	11.8	13.3	10.8	11.4	11.2	10.9	11.7	11.0	12.4
Specified renter-occupied housing units -----	65	485	116	576	152	121	83	84	109	185	169	153	142
GROSS RENT													
Less than \$80 -----	—	68	—	—	—	—	3	3	—	—	—	5	—
\$80 to \$99 -----	—	27	—	—	—	—	—	—	6	—	2	—	—
\$100 to \$149 -----	4	119	—	—	10	—	2	1	6	15	11	26	—
\$150 to \$199 -----	14	98	29	26	16	25	19	15	18	23	27	28	10
\$200 to \$249 -----	16	87	26	124	72	28	21	24	30	74	63	43	19
\$250 to \$299 -----	10	28	16	137	35	27	12	15	42	39	31	24	14
\$300 to \$349 -----	10	15	37	153	—	6	—	—	4	4	21	5	46
\$350 to \$399 -----	—	17	—	71	—	8	3	—	—	—	—	—	29
\$400 or more -----	—	5	—	59	—	10	—	3	—	12	—	—	16
No cash rent -----	11	21	8	6	9	24	16	3	3	13	14	22	8
Median -----	\$234	\$158	\$248	\$299	\$238	\$238	\$226	\$226	\$240	\$232	\$229	\$205	\$326
One-family house, detached or attached -----	60	126	116	42	109	71	52	46	71	136	95	110	124
Median gross rent -----	\$230	\$266	\$248	\$325	\$232	\$234	\$252	\$230	\$229	\$240	\$230	\$208	\$324
HOUSEHOLD INCOME IN 1979 BY GROSS RENT AS PERCENTAGE OF INCOME													
Less than \$10,000 -----	47	308	25	200	57	46	33	35	32	85	76	85	32
Less than 15 percent -----	—	11	—	—	—	—	—	1	—	—	—	5	—
15 to 19 percent -----	—	36	—	—	—	—	2	—	—	—	2	—	—
20 to 24 percent -----	—	21	—	—	—	—	—	4	—	15	2	6	—
25 to 29 percent -----	6	97	—	—	—	10	2	2	—	—	2	5	3
30 to 34 percent -----	5	60	6	19	5	10	5	—	6	—	10	15	—
35 percent or more -----	25	75	19	168	38	20	19	18	26	57	55	48	29
Not computed -----	11	8	—	13	14	6	5	10	—	13	5	6	—
Median -----	45.0	29.2	50+	50+	44.8	35.0	44.0	41.0	39.5	42.7	49.7	45.3	50+
\$10,000 to \$19,999 -----	14	143	53	216	44	48	34	35	37	92	78	22	77
Less than 15 percent -----	4	25	—	—	20	2	8	—	12	4	16	—	7
15 to 19 percent -----	—	33	29	47	9	20	9	6	5	39	23	—	—
20 to 24 percent -----	10	47	—	67	15	8	2	13	17	28	20	6	28
25 to 29 percent -----	—	12	8	21	—	2	2	1	—	16	7	—	23
30 to 34 percent -----	—	16	—	24	—	2	3	3	—	5	—	5	—
35 percent or more -----	—	6	8	57	—	3	3	3	—	—	2	—	11
Not computed -----	—	4	8	—	—	11	7	9	3	—	10	11	8
Median -----	21.5	21.2	18.9	24.6	16.1	19.1	18.1	22.7	20.0	20.5	18.9	24.6	24.9
\$20,000 or more -----	4	34	38	160	51	27	16	14	40	8	15	46	33
Less than 15 percent -----	4	25	23	111	30	13	12	9	36	4	12	41	8
15 to 19 percent -----	—	—	15	25	11	5	—	3	4	—	2	—	25
20 to 24 percent -----	—	—	—	24	10	—	—	—	—	—	—	—	—
25 to 29 percent -----	—	—	—	—	—	—	—	—	—	—	—	—	—
30 to 34 percent -----	—	—	—	—	—	—	—	—	—	—	—	—	—
35 percent or more -----	—	—	—	—	—	—	—	—	—	—	—	—	—
Not computed -----	—	9	—	—	—	9	4	2	—	4	1	5	—
Median -----	12.5	10.2	11.7	13.3	13.8	13.5	11.3	10.0	11.5	5.0	12.7	6.6	16.7

Table H-8. Financial Characteristics of Housing Units: 1980—Con.

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

Census Tracts	Remainder of Muskegon County—Con.					Totals for split tracts in Muskegon County			Oceano County				
	Tract 0036	Tract 0037	Tract 0038	Tract 0039	Tract 0040	Tract 0001	Tract 0004	Tract 0018	Tract 0101	Tract 0102	Tract 0103	Tract 0104	Tract 0105
Specified owner-occupied housing units -----	789	1 206	798	251	156	473	1 690	815	487	446	966	643	802
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS													
With a mortgage -----	455	733	433	156	86	281	755	517	194	233	458	260	369
Less than \$100 -----	6	40	5	14	6	30	138	13	2	3	2	—	11
\$100 to \$199 -----	149	188	148	56	26	150	444	156	69	29	30	22	31
\$200 to \$299 -----	122	348	153	44	33	77	123	176	76	62	131	70	117
\$300 to \$399 -----	91	126	91	42	18	24	50	144	31	35	77	47	56
\$400 to \$599 -----	—	31	36	—	3	—	—	28	10	5	12	11	4
\$600 or more -----	—	—	—	—	—	—	—	—	—	—	—	—	—
Median -----	\$291	\$337	\$332	\$314	\$342	\$275	\$248	\$340	\$322	\$288	\$296	\$298	\$295
Not mortgaged -----	334	473	365	95	70	192	935	298	293	213	508	383	433
Less than \$100 -----	20	42	46	7	10	69	189	40	35	27	62	81	96
\$100 to \$199 -----	291	358	257	74	43	106	706	231	218	163	384	266	305
\$200 or more -----	23	73	62	14	17	17	40	27	40	23	62	36	32
Median -----	\$149	\$143	\$142	\$152	\$150	\$110	\$123	\$149	\$140	\$142	\$138	\$128	\$132
HOUSEHOLD INCOME IN 1979 BY SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF INCOME													
Less than \$10,000 -----	246	224	137	53	38	131	612	123	165	138	256	196	259
Less than 15 percent -----	3	16	10	4	5	14	54	13	3	2	18	14	13
15 to 24 percent -----	33	63	38	8	16	41	178	44	57	35	55	67	70
25 to 29 percent -----	34	22	13	10	3	18	99	6	22	10	36	28	30
30 percent or more -----	168	117	74	31	12	58	267	51	81	91	138	87	142
Not computed -----	8	6	2	—	2	—	14	9	2	—	9	—	4
Median -----	36.2	31.1	31.6	32.0	23.1	27.9	28.4	25.0	29.9	35.4	33.2	28.0	31.4
\$10,000 to \$19,999 -----	235	344	207	79	45	164	486	284	157	173	336	193	291
Less than 15 percent -----	91	118	79	28	7	72	264	87	58	63	130	88	109
15 to 24 percent -----	101	143	62	24	28	48	197	108	61	60	99	74	113
25 to 29 percent -----	28	43	34	11	8	11	11	30	18	30	51	8	31
30 percent or more -----	15	40	32	16	2	33	14	59	20	20	56	23	38
Not computed -----	—	—	—	—	—	—	—	—	—	—	—	—	—
Median -----	16.7	18.6	18.8	20.2	20.8	16.4	14.3	18.9	18.3	18.0	17.9	16.0	17.8
\$20,000 or more -----	308	638	454	119	73	178	592	408	165	135	374	254	252
Less than 15 percent -----	209	419	306	75	42	140	462	224	124	91	287	190	174
15 to 24 percent -----	83	197	125	39	22	38	130	140	39	42	71	62	70
25 to 29 percent -----	10	13	21	5	3	—	—	38	—	2	12	—	6
30 percent or more -----	6	9	2	—	6	—	—	6	2	—	4	—	2
Not computed -----	—	—	—	—	—	—	—	—	—	—	—	—	—
Median -----	11.7	12.8	11.7	13.0	14.1	11.0	9.4	14.1	10.3	12.8	10.3	9.6	12.1
Specified renter-occupied housing units -----	180	368	198	22	15	1 323	417	133	150	98	259	267	186
GROSS RENT													
Less than \$80 -----	—	7	—	—	—	196	9	—	—	—	—	—	3
\$80 to \$99 -----	3	—	—	—	—	28	—	11	7	2	2	4	—
\$100 to \$149 -----	35	26	10	4	—	34	52	8	9	1	19	39	9
\$150 to \$199 -----	37	94	51	5	—	482	91	13	38	23	53	93	31
\$200 to \$249 -----	37	60	62	5	8	493	129	31	29	21	69	73	39
\$250 to \$299 -----	22	69	35	4	—	49	48	31	24	11	47	15	30
\$300 to \$349 -----	4	43	23	2	—	26	48	16	15	8	18	9	16
\$350 to \$399 -----	8	12	13	—	3	—	4	2	6	—	11	—	10
\$400 or more -----	—	11	1	—	—	—	—	10	—	6	—	1	—
No cash rent -----	34	46	3	2	4	15	36	11	22	26	40	30	51
Median -----	\$198	\$223	\$229	\$230	\$223	\$191	\$210	\$248	\$226	\$229	\$220	\$191	\$233
One-family house, detached or attached -----	156	170	110	16	9	175	342	49	106	66	135	116	89
Median gross rent -----	\$188	\$257	\$264	\$233	\$238	\$222	\$223	\$290	\$214	\$222	\$230	\$211	\$218
HOUSEHOLD INCOME IN 1979 BY GROSS RENT AS PERCENTAGE OF INCOME													
Less than \$10,000 -----	94	178	97	8	6	612	178	64	65	53	139	143	115
Less than 15 percent -----	2	—	—	—	—	—	—	—	—	—	—	5	—
15 to 19 percent -----	2	—	5	2	—	28	—	8	3	1	—	2	—
20 to 24 percent -----	7	25	17	—	—	93	—	—	4	—	6	11	2
25 to 29 percent -----	3	11	25	—	—	180	13	—	—	3	5	14	2
30 to 34 percent -----	19	27	—	—	—	95	8	16	2	2	8	20	12
35 percent or more -----	49	85	47	4	2	208	143	40	41	30	97	74	72
Not computed -----	12	30	3	2	4	8	14	—	15	17	23	17	27
Median -----	44.6	40.0	32.0	50+	50+	30.1	50+	38.1	46.1	50+	50+	42.7	50+
\$10,000 to \$19,999 -----	37	136	52	14	6	502	153	29	71	32	83	81	56
Less than 15 percent -----	4	19	2	4	—	90	49	—	7	5	15	19	2
15 to 19 percent -----	10	33	16	2	2	212	36	15	17	5	13	37	19
20 to 24 percent -----	4	46	8	4	4	141	48	12	19	2	15	8	14
25 to 29 percent -----	7	16	18	4	—	48	—	—	19	6	13	5	—
30 to 34 percent -----	—	—	8	—	—	11	—	2	4	5	—	2	—
35 percent or more -----	—	—	—	—	—	—	7	—	—	3	6	—	2
Not computed -----	12	22	—	—	—	—	13	—	5	6	21	10	19
Median -----	19.2	20.5	25.0	21.3	21.3	18.8	17.9	19.8	22.4	25.8	21.0	17.2	19.3
\$20,000 or more -----	49	54	49	—	3	209	86	40	14	13	37	43	15
Less than 15 percent -----	31	38	39	—	—	180	73	17	12	8	27	34	5
15 to 19 percent -----	8	5	6	—	3	22	4	9	—	2	10	3	5
20 to 24 percent -----	—	11	3	—	—	—	—	—	—	—	—	—	—
25 to 29 percent -----	—	—	1	—	—	—	—	3	—	—	—	—	—
30 to 34 percent -----	—	—	—	—	—	—	—	—	—	—	—	—	—
35 percent or more -----	—	—	—	—	—	—	—	—	—	—	—	—	—
Not computed -----	10	—	—	—	—	7	9	11	2	3	—	5	5
Median -----	12.1	12.2	11.2	—	17.5	11.3	12.0	14.3	12.0	12.5	12.2	10.8	15.0

Table H-9. Structural, Equipment, and Household Characteristics of Housing Units With a White Householder: 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]

**Census Tracts
[400 or More White Persons and
400 or More of a Specified Racial
Group]**

	Muskegon County						Oceano County	Muskegon city, Muskegon County		
	The SMSA	Total	Muskegon city	Muskegon Heights city	Norton Shores city	Remainder		Tract 0001 ^a	Tract 0003	Tract 0004 ^b
Occupied housing units -----	55 353	48 122	12 547	2 276	7 492	25 807	7 231	1 442	652	1 904
UNITS IN STRUCTURE										
1, detached or attached -----	45 245	39 306	8 532	1 785	6 526	22 463	5 939	458	511	1 811
2 -----	2 152	1 995	1 330	154	88	423	157	12	125	52
3 and 4 -----	1 324	1 176	775	75	14	312	148	87	5	14
5 to 9 -----	689	835	554	68	34	179	54	184	6	—
10 to 49 -----	1 991	1 777	762	76	287	652	14	511	5	27
50 or more -----	1 100	1 100	594	80	43	383	—	190	—	—
Mobile home or trailer, etc. -----	2 852	1 933	—	38	500	1 395	919	—	—	—
YEAR STRUCTURE BUILT										
1979 to March 1980 -----	1 407	1 253	168	17	284	784	154	—	—	—
1975 to 1978 -----	3 799	3 202	163	5	615	2 419	597	122	—	—
1970 to 1974 -----	6 222	5 123	954	46	720	3 403	1 099	694	5	13
1960 to 1969 -----	9 155	7 948	1 091	168	1 732	4 957	1 207	306	14	165
1950 to 1959 -----	10 296	9 577	1 552	393	2 204	5 428	719	74	55	462
1940 to 1949 -----	8 692	8 033	2 351	515	1 093	4 074	659	66	68	415
1939 or earlier -----	15 782	12 986	6 268	1 132	844	4 742	2 796	180	510	849
HEATING EQUIPMENT										
Steam or hot water system -----	5 216	4 543	1 405	179	716	2 243	673	366	28	71
Central warm-air furnace -----	39 369	35 105	9 120	1 638	5 898	18 449	4 264	961	465	1 527
Electric heat pump -----	1 177	149	71	30	21	27	28	—	14	—
Other built-in electric units -----	1 426	1 179	335	65	130	649	247	32	5	8
Other means -----	9 143	7 135	1 616	364	727	4 428	2 008	83	140	298
None -----	22	11	—	—	—	11	11	—	—	—
HOUSE HEATING FUEL										
Utility gas -----	41 305	39 000	11 915	2 095	7 063	17 927	2 305	1 370	633	1 877
Bottled, tank, or LP gas -----	2 869	1 635	64	8	30	1 533	1 234	13	—	9
Electricity -----	1 747	1 445	442	95	158	750	302	46	19	8
Fuel oil, kerosene, etc. -----	7 544	4 923	86	50	203	4 584	2 621	6	—	10
Other -----	1 866	1 108	40	28	38	1 002	758	7	—	—
No fuel used -----	22	11	—	—	—	11	11	—	—	—
VEHICLES AVAILABLE										
None -----	3 631	3 144	1 699	332	215	898	487	210	120	173
1 -----	20 006	17 524	5 860	1 193	2 505	7 966	2 482	769	296	812
2 -----	21 203	18 461	3 682	601	3 445	10 733	2 742	388	204	611
3 or more -----	10 513	8 993	1 306	150	1 327	6 210	1 520	75	32	308
SELECTED CHARACTERISTICS										
Complete kitchen facilities -----	54 918	47 799	12 435	2 228	7 470	25 666	7 119	1 442	652	1 879
1 complete bathroom plus half bath(s) -----	8 760	7 755	1 298	132	1 662	4 663	1 005	88	87	200
2 or more complete bathrooms -----	6 753	5 873	863	119	1 551	3 340	880	16	15	50
Air conditioning -----	8 043	7 567	2 287	278	1 278	3 724	476	1 146	69	247
Central system -----	2 353	2 279	556	43	575	1 105	74	409	—	22
Source of water, public system or private company -----	30 449	28 507	12 396	2 263	5 302	8 546	1 942	1 415	652	1 837
Sewage disposal, public sewer -----	27 438	25 737	12 454	2 241	3 485	7 557	1 701	1 426	652	1 894
Units with roomers or boarders -----	811	727	275	30	102	320	84	35	46	39
No telephone -----	2 521	2 001	797	252	159	793	520	55	44	81
Owner-occupied housing units	43 389	37 354	7 521	1 503	6 569	21 761	6 035	316	441	1 536
4 or more bedrooms -----	7 035	5 853	1 125	155	1 202	3 371	1 182	46	46	183
1 complete bathroom plus half bath(s) -----	7 988	7 061	1 059	98	1 502	4 402	927	19	64	181
2 or more complete bathrooms -----	6 393	5 579	749	119	1 464	3 247	814	16	15	46
Renter-occupied housing units	11 964	10 768	5 026	773	923	4 046	1 196	1 126	211	368
2 or more bedrooms -----	7 831	6 860	2 778	420	692	2 970	971	471	136	288
1 complete bathroom plus half bath(s) -----	772	694	239	34	160	261	78	69	23	19
2 or more complete bathrooms -----	360	294	114	—	87	93	66	—	—	4
YEAR HOUSEHOLDER MOVED INTO UNIT										
Owner-occupied housing units	43 389	37 354	7 521	1 503	6 569	21 761	6 035	316	441	1 536
1979 to March 1980 -----	4 518	3 909	568	140	774	2 427	609	27	17	130
1975 to 1978 -----	9 864	8 308	1 118	230	1 554	5 406	1 556	27	55	212
1970 to 1974 -----	7 640	6 399	988	178	1 133	4 100	1 241	70	16	202
1960 to 1969 -----	9 502	8 289	1 657	255	1 516	4 861	1 213	104	68	313
1959 or earlier -----	11 865	10 449	3 190	700	1 592	4 967	1 416	88	285	679
Renter-occupied housing units	11 964	10 768	5 026	773	923	4 046	1 196	1 126	211	368
1979 to March 1980 -----	5 491	4 959	2 332	352	481	1 794	532	493	70	166
1975 to 1978 -----	4 067	3 711	1 769	247	301	1 394	356	515	107	126
1970 to 1974 -----	1 373	1 246	548	103	101	494	127	118	20	34
1969 or earlier -----	1 033	852	377	71	40	364	181	—	14	42
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER										
Occupied housing units	12 204	10 409	3 675	670	1 472	4 592	1 795	353	254	565
Owner-occupied housing units -----	9 947	8 342	2 644	555	1 344	3 799	1 605	109	228	519
Lacking complete plumbing for exclusive use -----	176	114	25	11	—	78	62	—	7	—
No vehicle available -----	2 274	1 943	994	182	137	630	331	145	73	111
No telephone -----	396	288	130	19	19	120	108	—	14	22
INCOME IN 1979 BELOW POVERTY LEVEL										
Owner-occupied housing units	3 111	2 437	600	178	271	1 388	674	37	57	175
Percent below poverty level -----	7.2	6.5	8.0	11.8	4.1	6.4	11.2	11.7	12.9	11.4
Complete plumbing for exclusive use -----	3 030	2 400	592	178	271	1 359	630	37	57	175
1.01 or more persons per room -----	164	137	16	6	—	115	27	—	6	10
Lacking complete plumbing for exclusive use -----	81	37	8	—	—	29	44	—	—	—
1.01 or more persons per room -----	4	—	—	—	—	—	4	—	—	—
Renter-occupied housing units	2 825	2 517	1 409	241	127	740	308	278	97	99
Percent below poverty level -----	23.6	23.4	28.0	31.2	13.8	18.3	25.8	24.7	46.0	26.9
Complete plumbing for exclusive use -----	2 752	2 461	1 376	233	119	733	291	278	97	94
1.01 or more persons per room -----	120	100	37	—	10	53	20	5	4	—
Lacking complete plumbing for exclusive use -----	73	56	33	8	8	7	17	—	—	5
1.01 or more persons per room -----	5	5	5	—	—	—	—	—	—	—

Table H-9. Structural, Equipment, and Household Characteristics of Housing Units With a White Householder: 1980—
Con.

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

**Census Tracts
[400 or More White Persons and
400 or More of a Specified Racial
Group]**

	Muskegon city, Muskegon County—Con.		Muskegon Heights city, Muskegon County			Totals for split tracts in Muskegon County	
	Tract 0005	Tract 0006.02	Tract 0012	Tract 0014.01	Tract 0014.02	Tract 0001	Tract 0004
Occupied housing units	1 889	776	191	459	1 489	1 489	1 945
UNITS IN STRUCTURE							
1, detached or attached	1 223	217	162	312	1 225	505	1 852
2	272	169	21	5	113	12	52
3 and 4	207	106	8	10	49	87	14
5 to 9	52	78	—	15	53	184	—
10 to 49	—	27	—	37	11	511	27
50 or more	135	179	—	80	—	190	—
Mobile home or trailer, etc.	—	—	—	—	38	—	—
YEAR STRUCTURE BUILT							
1979 to March 1980	6	—	6	—	11	—	—
1975 to 1978	9	—	—	—	5	122	—
1970 to 1974	116	24	—	30	16	694	13
1960 to 1969	52	154	—	82	81	306	165
1950 to 1959	165	29	20	49	324	106	469
1940 to 1949	318	107	12	83	386	81	449
1939 or earlier	1 223	462	153	215	666	180	849
HEATING EQUIPMENT							
Steam or hot water system	150	111	13	42	100	366	71
Central warm-air furnace	1 434	354	135	287	1 141	986	1 553
Electric heat pump	5	44	—	23	7	—	—
Other built-in electric units	93	121	—	42	23	32	8
Other means	207	146	43	65	218	105	313
None	—	—	—	—	—	—	—
HOUSE HEATING FUEL							
Utility gas	1 759	594	176	387	1 395	1 417	1 918
Bottled, tank, or LP gas	4	5	—	—	8	13	9
Electricity	103	171	—	65	30	46	8
Fuel oil, kerosene, etc.	16	—	6	7	37	6	10
Other	7	6	9	—	19	7	—
No fuel used	—	—	—	—	—	—	—
VEHICLES AVAILABLE							
None	343	337	42	140	127	210	186
1	858	364	124	205	798	804	833
2	455	69	19	71	463	388	611
3 or more	233	6	6	43	101	87	315
SELECTED CHARACTERISTICS							
Complete kitchen facilities	1 869	776	191	443	1 477	1 489	1 920
1 complete bathroom plus half bath(s)	133	48	12	33	87	88	200
2 or more complete bathrooms	116	58	13	20	84	16	50
Air conditioning	197	47	13	69	188	1 160	247
Central system	24	18	—	21	22	409	22
Source of water, public system or private company	1 889	776	182	455	1 489	1 419	1 856
Sewage disposal, public sewer	1 884	776	191	451	1 470	1 454	1 904
Units with roomers or boarders	71	12	—	12	18	41	39
No telephone	195	167	14	46	152	59	91
Owner-occupied housing units	1 050	202	153	240	1 072	347	1 552
4 or more bedrooms	230	36	...	30	91	46	187
1 complete bathroom plus half bath(s)	111	42	...	17	73	19	181
2 or more complete bathrooms	116	37	...	20	86	16	46
Renter-occupied housing units	839	574	38	219	417	1 142	393
2 or more bedrooms	445	173	...	86	256	483	313
1 complete bathroom plus half bath(s)	22	6	...	16	14	69	19
2 or more complete bathrooms	—	21	...	—	—	—	4
YEAR HOUSEHOLDER MOVED INTO UNIT							
Owner-occupied housing units	1 050	202	153	240	1 072	347	1 552
1979 to March 1980	76	—	...	6	124	31	130
1975 to 1978	192	51	...	23	201	27	223
1970 to 1974	164	5	...	40	126	76	202
1960 to 1969	196	14	...	24	214	111	313
1959 or earlier	422	132	...	147	407	102	684
Renter-occupied housing units	839	574	38	219	417	1 142	393
1979 to March 1980	379	274	...	87	217	497	174
1975 to 1978	250	172	...	66	123	527	143
1970 to 1974	142	47	...	34	54	118	34
1969 or earlier	68	81	...	32	23	—	42
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER							
Occupied housing units	534	320	105	171	375	367	570
Owner-occupied housing units	332	130	88	88	360	123	524
Locking complete plumbing for exclusive use	4	—	—	—	11	—	—
No vehicle available	202	175	21	92	63	145	116
No telephone	20	32	—	13	6	—	22
INCOME IN 1979 BELOW POVERTY LEVEL							
Owner-occupied housing units	89	27	...	23	134	37	175
Percent below poverty level	8.5	13.4	...	9.6	12.5	10.7	11.3
Complete plumbing for exclusive use	89	27	...	23	134	37	175
1.01 or more persons per room	—	—	...	—	6	—	10
Locking complete plumbing for exclusive use	—	—	...	—	—	—	—
1.01 or more persons per room	—	—	...	—	—	—	—
Renter-occupied housing units	302	231	...	77	100	278	124
Percent below poverty level	36.0	40.2	...	35.2	24.0	24.3	31.6
Complete plumbing for exclusive use	302	214	...	77	100	278	119
1.01 or more persons per room	—	16	...	—	—	5	—
Locking complete plumbing for exclusive use	—	17	...	—	—	—	5
1.01 or more persons per room	—	5	...	—	—	—	—

Table H-10. **Housing Characteristics of Housing Units With a White Householder: 1980**

[Oto ore estimates based on o sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

**Census Tracts
[400 or More White Persons and
400 or More of a Specified Racial
Group]**

	Muskegon County						Oceano County	Muskegon city, Muskegon County		
	The SMSA	Total	Muskegon city	Muskegon Heights city	Norton Shores city	Remainder		Tract 0001 ^a	Tract 0003	Tract 0004 ^b
Specified owner-occupied housing units	33 882	30 605	6 743	1 322	5 654	16 886	3 277	310	386	1 438
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS										
With a mortgage	17 710	16 228	2 674	521	3 098	9 935	1 482	153	96	574
Less than \$100	55	37	7	—	8	22	18	—	—	—
\$100 to \$199	1 783	1 672	476	165	158	873	111	16	23	123
\$200 to \$299	6 687	6 067	1 511	314	806	3 436	620	104	66	347
\$300 to \$399	5 034	4 587	455	22	879	3 231	447	26	3	88
\$400 to \$599	3 236	2 992	203	20	815	1 954	244	7	—	16
\$600 or more	915	873	22	—	432	419	42	—	4	—
Median	\$306	\$306	\$249	\$224	\$365	\$317	\$299	\$250	\$224	\$241
Not mortgaged	16 172	14 377	4 069	801	2 556	6 951	1 795	157	290	864
Less than \$100	2 816	2 520	895	275	441	909	296	63	94	189
\$100 to \$199	11 632	10 326	2 922	515	1 750	5 139	1 306	81	196	658
\$200 or more	1 724	1 531	252	11	365	903	193	13	—	17
Median	\$135	\$135	\$123	\$112	\$145	\$142	\$136	\$107	\$110	\$121
HOUSEHOLD INCOME IN 1979 BY SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF INCOME										
Less than \$10,000	7 606	6 618	2 143	552	839	3 084	988	85	161	539
Less than 15 percent	670	620	206	82	103	229	50	6	23	54
15 to 24 percent	2 258	1 982	700	160	292	830	276	30	59	161
25 to 29 percent	937	816	308	74	78	356	121	18	40	92
30 percent or more	3 585	3 059	888	223	350	1 598	526	31	39	227
Not computed	156	141	41	13	16	71	15	—	—	5
Median	29.3	28.9	27.4	26.9	26.1	31.5	31.6	26.8	24.5	27.8
\$10,000 to \$19,999	10 434	9 305	2 221	456	1 435	5 193	1 129	120	130	417
Less than 15 percent	4 459	4 017	1 275	238	644	1 860	442	65	83	236
15 to 24 percent	3 876	3 482	738	183	481	2 080	394	36	39	167
25 to 29 percent	935	799	103	13	144	539	136	6	—	6
30 percent or more	1 164	1 007	105	22	166	714	157	13	8	8
Not computed .....	...	...	...	...	...	...	...	...	...	...
Median	16.7	16.6	14.0	14.7	16.4	18.1	17.6	14.3	13.4	14.0
\$20,000 or more	15 842	14 682	2 379	314	3 380	8 609	1 160	105	95	482
Less than 15 percent	11 066	10 216	1 951	294	2 205	5 766	850	87	91	403
15 to 24 percent	4 026	3 746	409	20	868	2 449	280	18	4	79
25 to 29 percent	482	462	19	—	179	264	20	—	—	—
30 percent or more	268	258	—	—	128	130	10	—	—	—
Not computed .....	...	...	...	...	...	...	...	...	...	...
Median	11.4	11.5	9.0	7.1	12.2	12.0	11.0	10.3	7.4	7.8
Specified renter-occupied housing units	11 210	10 300	4 957	760	898	3 685	910	1 112	211	359
GROSS RENT										
Less than \$80	584	581	422	73	—	86	3	182	—	9
\$80 to \$99	237	222	113	54	6	49	15	28	27	—
\$100 to \$149	1 170	1 097	661	133	49	254	73	34	40	52
\$150 to \$199	2 546	2 312	1 425	175	93	619	234	378	40	63
\$200 to \$249	2 980	2 767	1 437	151	235	944	213	400	59	109
\$250 to \$299	1 518	1 401	465	85	161	690	117	49	28	43
\$300 to \$349	880	816	212	32	156	416	64	26	17	43
\$350 to \$399	416	389	39	8	130	212	27	—	—	4
\$400 or more	196	192	8	6	45	133	4	—	—	—
No cash rent	683	523	175	43	23	282	160	15	—	36
Median	\$212	\$212	\$192	\$185	\$266	\$238	\$211	\$191	\$196	\$212
One-family house, detached or attached	4 529	4 035	1 368	368	475	1 824	494	134	91	284
Median gross rent	\$232	\$234	\$226	\$218	\$234	\$245	\$219	\$227	\$221	\$227
HOUSEHOLD INCOME IN 1979 BY GROSS RENT AS PERCENTAGE OF INCOME										
Less than \$10,000	5 510	5 020	2 670	438	294	1 618	490	518	144	160
Less than 15 percent	71	66	49	—	—	17	5	—	7	—
15 to 19 percent	269	263	151	36	19	57	6	28	—	—
20 to 24 percent	502	479	330	50	—	99	23	63	13	—
25 to 29 percent	677	653	397	66	20	170	24	155	9	13
30 to 34 percent	520	479	209	21	27	222	41	70	4	8
35 percent or more	3 021	2 720	1 370	235	210	905	301	194	97	125
Not computed	450	360	164	30	18	148	90	8	14	14
Median	41.3	40.3	38.5	39.4	50+	40.8	50+	30.6	45.6	50.0
\$10,000 to \$19,999	3 782	3 480	1 604	232	335	1 309	302	419	48	125
Less than 15 percent	777	732	422	97	68	145	45	68	15	42
15 to 19 percent	1 117	1 034	588	73	40	333	83	190	19	31
20 to 24 percent	944	890	360	35	123	372	54	109	14	32
25 to 29 percent	408	368	150	8	34	176	40	41	—	—
30 to 34 percent	161	150	41	—	41	68	11	11	—	—
35 percent or more	157	149	19	—	29	101	8	—	—	—
Not computed	218	157	24	19	—	114	61	—	—	7
Median	19.5	19.5	18.1	15.7	22.4	21.6	19.5	18.7	17.4	17.3
\$20,000 or more	1 918	1 800	683	90	269	758	118	175	19	74
Less than 15 percent	1 331	1 249	548	58	142	501	82	146	5	61
15 to 19 percent	398	378	103	18	100	157	20	22	14	4
20 to 24 percent	74	74	—	6	22	46	—	—	—	—
25 to 29 percent	8	7	—	—	—	7	1	—	—	—
30 to 34 percent	—	—	—	—	—	—	—	—	—	—
35 percent or more	—	—	—	—	—	—	—	—	—	—
Not computed	107	92	32	8	5	47	15	7	—	9
Median	12.4	12.5	11.7	12.1	14.5	12.7	11.8	11.4	16.6	12.3

Table H-10. Financial Characteristics of Housing Units With a White Householder: 1980—Con.

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

**Census Tracts
[400 or More White Persons and
400 or More of a Specified Racial
Group]**

	Muskegon city, Muskegon County—Con.		Muskegon Heights city, Muskegon County			Totals for split tracts in Muskegon County	
	Tract 0005	Tract 0006.02	Tract 0012	Tract 0014.01	Tract 0014.02	Tract 0001	Tract 0004
Specified owner-occupied housing units	931	155	...	205	944	341	1 450
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS							
With a mortgage	379	27	...	73	423	170	581
Less than \$100	—	—	...	—	—	—	—
\$100 to \$199	114	6	...	31	134	23	123
\$200 to \$299	220	21	...	42	251	110	354
\$300 to \$399	34	—	...	—	22	30	88
\$400 to \$599	11	—	...	—	16	7	16
\$600 or more	—	—	...	—	—	—	—
Median	\$224	\$223	...	\$210	\$226	\$246	\$241
Not mortgaged	552	128	...	132	521	171	869
Less than \$100	172	15	...	51	179	69	189
\$100 to \$199	371	113	...	81	335	89	663
\$200 or more	9	—	...	—	7	13	17
Median	\$114	\$120	...	\$107	\$111	\$107	\$121
HOUSEHOLD INCOME IN 1979 BY SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF INCOME							
Less than \$10,000	342	67	...	88	342	103	544
Less than 15 percent	56	7	...	20	47	14	54
15 to 24 percent	93	36	...	33	82	36	166
25 to 29 percent	44	—	...	—	51	18	92
30 percent or more	138	24	...	28	156	35	227
Not computed	11	—	...	7	6	—	5
Median	26.9	23.4	...	20.2	28.8	25.4	27.7
\$10,000 to \$19,999	313	57	...	45	382	120	417
Less than 15 percent	177	42	...	26	187	65	236
15 to 24 percent	107	15	...	19	164	36	167
25 to 29 percent	20	—	...	—	13	6	6
30 percent or more	9	—	...	—	18	13	8
Not computed .....	...	...	...	...	...	...	...
Median	14.2	12.7	...	13.7	15.2	14.3	14.0
\$20,000 or more	276	31	...	72	220	118	489
Less than 15 percent	259	31	...	72	200	100	410
15 to 24 percent	17	—	...	—	20	18	79
25 to 29 percent	—	—	...	—	—	—	—
30 percent or more	—	—	...	—	—	—	—
Not computed .....	...	...	...	...	...	...	...
Median	7.2	9.1	...	5.8	7.7	10.2	7.9
Specified renter-occupied housing units	822	569	...	211	417	1 128	384
GROSS RENT							
Less than \$80	126	47	...	51	14	182	9
\$80 to \$99	13	13	...	27	19	28	—
\$100 to \$149	119	243	...	42	53	34	52
\$150 to \$199	264	127	...	27	115	390	78
\$200 to \$249	159	69	...	33	109	404	119
\$250 to \$299	77	30	...	15	52	49	43
\$300 to \$349	33	19	...	9	14	26	43
\$350 to \$399	12	7	...	—	8	—	4
\$400 or more	—	—	...	—	6	—	—
No cash rent	19	14	...	7	27	15	36
Median	\$180	\$146	...	\$125	\$198	\$191	\$210
One-family house, detached or attached	254	41	...	83	221	150	309
Median gross rent	\$227	\$229	...	\$188	\$231	\$221	\$223
HOUSEHOLD INCOME IN 1979 BY GROSS RENT AS PERCENTAGE OF INCOME							
Less than \$10,000	497	437	...	165	193	522	168
Less than 15 percent	14	—	...	—	—	—	—
15 to 19 percent	63	32	...	12	24	28	—
20 to 24 percent	110	67	...	32	18	63	—
25 to 29 percent	26	38	...	50	—	155	13
30 to 34 percent	42	33	...	7	6	74	8
35 percent or more	217	256	...	58	129	194	133
Not computed	25	11	...	6	16	8	14
Median	32.7	38.6	...	28.5	43.4	30.7	49.2
\$10,000 to \$19,999	239	98	...	42	154	431	142
Less than 15 percent	52	59	...	12	71	68	49
15 to 19 percent	89	17	...	19	46	190	31
20 to 24 percent	55	11	...	8	22	121	42
25 to 29 percent	25	11	...	—	8	41	—
30 to 34 percent	6	—	...	—	—	11	—
35 percent or more	12	—	...	—	—	—	7
Not computed	—	—	...	3	7	—	13
Median	18.8	13.6	...	17.0	15.3	18.9	17.5
\$20,000 or more	86	34	...	4	70	175	74
Less than 15 percent	76	25	...	—	42	146	61
15 to 19 percent	10	—	...	—	18	22	4
20 to 24 percent	—	—	...	—	6	—	—
25 to 29 percent	—	—	...	—	—	—	—
30 to 34 percent	—	—	...	—	—	—	—
35 percent or more	—	—	...	—	—	—	—
Not computed	—	9	...	4	4	7	9
Median	10.0	6.6	...	—	13.4	11.4	12.3

Table H-11. Structural, Equipment, and Household Characteristics of Housing Units With a Black Householder: 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]

Census Tracts [400 or More Black Persons]	Muskegon County						Oceana County	Muskegon city, Muskegon County		
	The SMSA	Total	Muskegon city	Muskegon Heights city	Norton Shores city	Remainder		Troct 0001 ^a	Troct 0002	Troct 0003
Occupied housing units	5 664	5 651	2 494	2 726	87	344	13	318	304	692
UNITS IN STRUCTURE										
1, detached or attached	4 272	4 259	1 821	2 047	75	316	13	162	272	508
2	549	549	351	188	5	5	—	—	24	119
3 and 4	325	325	116	205	—	4	—	14	8	45
5 to 9	312	312	77	228	—	7	—	27	—	14
10 to 49	123	123	78	38	7	—	—	72	—	6
50 or more	82	82	51	—	—	11	—	43	—	—
Mobile home or trailer, etc.	1	1	—	—	—	1	—	—	—	—
YEAR STRUCTURE BUILT										
1979 to March 1980	22	22	17	—	—	5	—	—	4	—
1975 to 1978	95	95	53	13	6	23	—	35	4	—
1970 to 1974	418	418	227	106	19	66	—	153	14	16
1960 to 1969	724	722	229	392	—	101	2	92	6	22
1950 to 1959	972	970	424	459	34	53	2	13	56	98
1940 to 1949	1 263	1 263	496	708	15	44	—	16	56	198
1939 or earlier	2 170	2 161	1 048	1 048	13	52	9	9	164	358
HEATING EQUIPMENT										
Steam or hot water system	522	521	276	217	—	28	1	112	23	86
Central warm-air furnace	3 800	3 790	1 617	1 892	69	212	10	174	221	405
Electric heat pump	44	44	32	12	—	—	—	6	6	—
Other built-in electric units	105	105	43	31	8	23	—	—	—	22
Other means	1 193	1 191	526	574	10	81	2	26	54	179
None	—	—	—	—	—	—	—	—	—	—
HOUSE HEATING FUEL										
Utility gas	5 223	5 220	2 319	2 627	79	195	3	298	273	652
Bottled, tank, or LP gas	96	96	31	7	—	58	—	—	6	14
Electricity	201	201	104	61	8	28	—	6	13	22
Fuel oil, kerosene, etc.	91	81	14	18	—	49	10	—	—	4
Other	53	53	26	13	—	14	—	14	12	—
No fuel used	—	—	—	—	—	—	—	—	—	—
VEHICLES AVAILABLE										
None	1 470	1 466	678	740	17	31	4	41	56	257
1	2 356	2 352	1 037	1 174	17	124	4	165	132	281
2	1 437	1 435	648	610	46	131	2	89	98	116
3 or more	401	398	131	202	7	58	3	23	18	38
SELECTED CHARACTERISTICS										
Complete kitchen facilities	5 550	5 537	2 441	2 670	87	339	13	312	291	686
1 complete bathroom plus half bath(s)	735	735	311	370	20	34	—	25	52	67
2 or more complete bathrooms	427	425	198	185	20	22	2	34	27	33
Air conditioning	692	692	390	265	—	37	—	206	17	52
Central system	216	216	134	58	—	24	—	40	6	21
Source of water, public system or private company	5 349	5 346	2 494	2 719	74	59	3	318	304	692
Sewage disposal, public sewer	5 252	5 249	2 481	2 692	31	45	3	318	304	679
Units with roomers or boarders	201	201	86	104	5	6	—	4	6	21
No telephone	775	775	298	415	25	37	—	—	18	137
Owner-occupied housing units	3 350	3 337	1 381	1 654	46	256	13	130	195	367
4 or more bedrooms	804	799	444	307	19	29	5	23	78	135
1 complete bathroom plus half bath(s)	568	568	278	245	11	34	—	20	45	59
2 or more complete bathrooms	401	399	178	179	20	22	2	34	27	22
Renter-occupied housing units	2 314	2 314	1 113	1 072	41	88	2	188	109	325
2 or more bedrooms	1 744	1 744	781	857	34	72	—	60	109	250
1 complete bathroom plus half bath(s)	167	167	33	125	9	—	—	5	7	8
2 or more complete bathrooms	26	26	20	6	—	—	—	—	—	11
YEAR HOUSEHOLDER MOVED INTO UNIT										
Owner-occupied housing units	3 350	3 337	1 381	1 654	46	256	13	130	195	367
1979 to March 1980	195	193	72	72	5	44	2	4	10	22
1975 to 1978	648	648	384	206	17	41	—	56	11	103
1970 to 1974	787	784	402	342	19	21	3	65	38	94
1960 to 1969	965	965	330	560	—	75	—	5	71	99
1959 or earlier	755	747	193	474	5	75	8	—	65	49
Renter-occupied housing units	2 314	2 314	1 113	1 072	41	88	2	188	109	325
1979 to March 1980	864	864	436	387	18	23	—	104	31	104
1975 to 1978	881	881	429	417	14	21	—	77	25	128
1970 to 1974	362	362	165	153	—	44	—	7	36	59
1969 or earlier	207	207	83	115	9	—	—	—	17	34
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER										
Occupied housing units	971	959	336	529	10	84	12	16	42	133
Owner-occupied housing units	783	771	253	432	10	76	12	9	42	103
Lacking complete plumbing for exclusive use	11	11	—	11	—	—	—	—	—	—
No vehicle available	283	279	107	160	—	12	4	7	8	66
No telephone	35	35	4	25	—	6	—	—	—	—
INCOME IN 1979 BELOW POVERTY LEVEL										
Owner-occupied housing units	580	575	290	249	—	36	5	23	47	105
Percent below poverty level	17.3	17.2	21.0	15.1	—	14.1	38.5	17.7	24.1	28.6
Complete plumbing for exclusive use	576	571	286	249	—	36	5	23	47	101
1.01 or more persons per room	78	78	42	31	—	5	—	6	—	10
Lacking complete plumbing for exclusive use	4	4	4	—	—	—	—	—	—	4
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—
Renter-occupied housing units	1 117	1 117	520	541	14	42	—	19	51	184
Percent below poverty level	48.3	48.3	46.7	50.5	34.1	47.7	—	10.1	46.8	56.6
Complete plumbing for exclusive use	1 095	1 095	498	541	14	42	—	19	51	162
1.01 or more persons per room	149	149	62	73	4	10	—	5	6	12
Lacking complete plumbing for exclusive use	22	22	22	—	—	—	—	—	—	22
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—

Table H-11. **Structural, Equipment, and Household Characteristics of Housing Units With a Black Householder: 1980—**
 Con.

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

Census Tracts [400 or More Black Persons]	Muskegon city, Muskegon County—Con.			Muskegon Heights city, Muskegon County					Totals for split tracts in Muskegon County	
	Tract 0004 ^a	Tract 0005	Tract 0006.02	Tract 0011	Tract 0012	Tract 0013	Tract 0014.01	Tract 0014.02	Tract 0001	Tract 0004
Occupied housing units	262	395	404	144	939	1 162	218	263	318	262
UNITS IN STRUCTURE										
1, detached or attached	251	307	238	110	730	862	111	234	162	251
2	—	80	98	11	116	43	—	18	—	—
3 and 4	—	4	45	18	79	84	19	5	14	—
5 to 9	11	4	15	—	14	173	35	6	27	11
10 to 49	—	—	—	5	—	—	33	—	72	—
50 or more	—	—	8	—	—	—	20	—	43	—
Mobile home or trailer, etc.	—	—	—	—	—	—	—	—	—	—
YEAR STRUCTURE BUILT										
1979 to March 1980	—	13	—	—	—	—	—	—	—	—
1975 to 1978	—	4	10	—	—	5	8	—	35	—
1970 to 1974	5	4	29	—	7	38	61	—	153	5
1960 to 1969	62	26	14	—	58	207	86	41	92	62
1950 to 1959	128	36	72	10	87	246	18	98	13	128
1940 to 1949	33	65	85	36	283	282	35	72	16	33
1939 or earlier	34	247	194	98	504	384	10	52	9	34
HEATING EQUIPMENT										
Steam or hot water system	8	4	31	19	77	57	12	52	112	8
Central warm-air furnace	173	279	275	102	705	736	180	169	174	173
Electric heat pump	7	—	13	—	7	5	—	—	6	7
Other built-in electric units	7	5	—	—	7	11	13	—	—	7
Other means	67	107	85	23	143	353	13	42	26	67
None	—	—	—	—	—	—	—	—	—	—
HOUSE HEATING FUEL										
Utility gas	248	376	362	138	899	1 133	194	263	298	248
Bottled, tank, or LP gas	—	4	7	—	7	—	—	—	—	—
Electricity	14	5	35	6	14	22	19	—	6	14
Fuel oil, kerosene, etc.	—	10	—	—	11	7	—	—	—	—
Other	—	—	—	—	8	—	5	—	14	—
No fuel used	—	—	—	—	—	—	—	—	—	—
VEHICLES AVAILABLE										
None	17	146	155	56	224	356	56	48	41	17
1	119	140	141	70	363	506	89	146	165	119
2	115	86	99	12	232	249	59	58	89	115
3 or more	11	23	9	6	120	51	14	11	23	11
SELECTED CHARACTERISTICS										
Complete kitchen facilities	256	395	382	137	928	1 147	218	240	312	256
1 complete bathroom plus half bath(s)	71	22	45	—	162	121	50	37	25	71
2 or more complete bathrooms	7	17	60	—	143	36	—	6	34	7
Air conditioning	12	23	54	19	61	75	90	20	206	12
Central system	7	9	45	5	24	—	14	15	40	7
Source of water, public system or private company	262	395	404	144	939	1 155	218	263	318	262
Sewage disposal, public sewer	262	395	404	144	925	1 148	218	257	318	262
Units with roomers or boarders	—	18	20	—	33	46	14	11	4	—
No telephone	17	67	51	36	133	201	20	25	—	17
Owner-occupied housing units	234	201	188	69	604	667	90	224	130	234
4 or more bedrooms	—	—	—	10	153	—	—	52	23	—
1 complete bathroom plus half bath(s)	—	—	—	—	140	—	—	28	20	—
2 or more complete bathrooms	—	—	—	—	137	—	—	6	34	—
Renter-occupied housing units	28	194	216	75	335	495	128	39	188	28
2 or more bedrooms	—	—	—	44	270	—	—	22	60	—
1 complete bathroom plus half bath(s)	—	—	—	—	22	—	—	9	5	—
2 or more complete bathrooms	—	—	—	—	6	—	—	—	—	—
YEAR HOUSEHOLDER MOVED INTO UNIT										
Owner-occupied housing units	234	201	188	69	604	667	90	224	130	234
1979 to March 1980	—	—	—	—	20	—	—	27	4	—
1975 to 1978	—	—	—	6	47	—	—	116	56	—
1970 to 1974	—	—	—	12	144	—	—	66	65	—
1960 to 1969	—	—	—	30	350	—	—	6	5	—
1959 or earlier	—	—	—	21	43	—	—	9	—	—
Renter-occupied housing units	28	194	216	75	335	495	128	39	188	28
1979 to March 1980	—	—	—	20	153	—	—	18	104	—
1975 to 1978	—	—	—	34	135	—	—	21	77	—
1970 to 1974	—	—	—	8	22	—	—	—	7	—
1969 or earlier	—	—	—	13	25	—	—	—	—	—
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER										
Occupied housing units	22	36	75	33	101	304	46	45	16	22
Owner-occupied housing units	22	21	44	27	82	267	11	45	9	22
Lacking complete plumbing for exclusive use	—	—	—	—	6	5	—	—	—	—
No vehicle available	—	—	26	12	29	70	25	24	7	—
No telephone	—	—	4	—	4	14	7	—	—	—
INCOME IN 1979 BELOW POVERTY LEVEL										
Owner-occupied housing units	—	—	—	6	115	—	—	45	23	—
Percent below poverty level	—	—	—	8.7	19.0	—	—	20.1	17.7	—
Complete plumbing for exclusive use	—	—	—	6	115	—	—	45	23	—
1.01 or more persons per room	—	—	—	—	23	—	—	—	6	—
Lacking complete plumbing for exclusive use	—	—	—	—	—	—	—	—	—	—
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—
Renter-occupied housing units	—	—	—	26	162	—	—	27	19	—
Percent below poverty level	—	—	—	34.7	48.4	—	—	69.2	10.1	—
Complete plumbing for exclusive use	—	—	—	26	162	—	—	27	19	—
1.01 or more persons per room	—	—	—	—	16	—	—	—	5	—
Lacking complete plumbing for exclusive use	—	—	—	—	—	—	—	—	—	—
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—

Table H-12. Financial Characteristics of Housing Units With a Black Householder: 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.]

Census Tracts [400 or More Black Persons]	Muskegon County					Oceana County	Muskegon city, Muskegon County			
	The SMSA	Total	Muskegon city	Muskegon Heights city	Norton Shores city		Remainder	Tract 0001*	Tract 0002	Tract 0003
Specified owner-occupied housing units	2 982	2 972	1 225	1 486	36	225	10	120	174	308
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS										
With a mortgage	1 891	1 891	808	948	36	99	—	106	102	174
Less than \$100	15	15	9	—	—	6	—	—	—	9
\$100 to \$199	365	365	164	188	—	13	—	7	20	61
\$200 to \$299	898	898	399	479	—	20	—	35	78	76
\$300 to \$399	442	442	150	247	10	35	—	47	—	10
\$400 to \$599	136	136	86	22	13	15	—	17	4	18
\$600 or more	35	35	—	12	13	10	—	—	—	—
Median	\$261	\$261	\$256	\$258	\$464	\$353	—	\$318	\$238	\$220
Not mortgaged	1 091	1 081	417	538	—	126	10	14	72	134
Less than \$100	84	84	27	49	—	8	—	—	—	14
\$100 to \$199	826	816	287	425	—	104	10	10	60	106
\$200 or more	181	181	103	64	—	14	—	4	12	14
Median	\$151	\$151	\$162	\$144	—	\$162	\$121	\$160	\$165	\$142
HOUSEHOLD INCOME IN 1979 BY SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF INCOME										
Less than \$10,000	1 063	1 056	437	552	—	67	7	28	60	155
Less than 15 percent	33	33	14	11	—	8	—	—	—	7
15 to 24 percent	149	149	72	66	—	11	—	5	7	42
25 to 29 percent	70	68	34	32	—	2	2	—	12	5
30 percent or more	792	787	308	437	—	42	5	23	41	101
Not computed	19	19	9	6	—	4	—	—	—	—
Median	41.7	41.6	41.5	42.6	—	37.0	45.0	50+	50+	36.8
\$10,000 to \$19,999	1 070	1 070	439	519	—	112	—	37	77	83
Less than 15 percent	310	310	102	162	—	46	—	—	15	23
15 to 24 percent	490	490	229	234	—	27	—	12	43	37
25 to 29 percent	100	100	46	47	—	7	—	5	13	16
30 percent or more	170	170	62	76	—	32	—	20	6	7
Not computed .....	...	...	...	...	...	...	...	...	...	...
Median	18.6	18.6	19.2	18.4	...	16.9	...	30.5	18.5	19.4
\$20,000 or more	849	846	349	415	36	46	3	55	37	70
Less than 15 percent	578	575	248	292	5	30	3	35	37	61
15 to 24 percent	242	242	96	104	31	11	—	20	—	4
25 to 29 percent	29	29	5	19	—	5	—	—	—	5
30 percent or more	—	—	—	—	—	—	—	—	—	—
Not computed	11.7	11.7	12.0	10.1	17.1	12.9	5.0	12.5	11.8	6.6
Median .....	...	...	...	...	...	...	...	...	...	...
Specified renter-occupied housing units	2 302	2 302	1 106	1 072	41	83	—	181	109	325
GROSS RENT										
Less than \$80	41	41	7	34	—	—	—	7	—	—
\$80 to \$99	40	40	16	24	—	—	—	—	—	16
\$100 to \$149	179	179	75	82	—	22	—	—	—	22
\$150 to \$199	764	764	398	348	—	18	—	85	33	115
\$200 to \$249	671	671	363	278	16	14	—	89	46	107
\$250 to \$299	316	316	129	169	8	10	—	—	22	43
\$300 to \$349	190	190	85	85	14	6	—	—	8	22
\$350 to \$399	48	48	23	22	3	—	—	—	—	—
\$400 or more	18	18	10	8	—	—	—	—	—	—
No cash rent	35	35	—	22	—	13	—	—	—	—
Median	\$209	\$209	\$207	\$209	\$289	\$165	—	\$199	\$233	\$207
One-family house, detached or attached	1 115	1 115	518	503	34	60	—	25	84	173
Median gross rent	\$231	\$231	\$234	\$229	\$300	\$168	—	\$225	\$230	\$230
HOUSEHOLD INCOME IN 1979 BY GROSS RENT AS PERCENTAGE OF INCOME										
Less than \$10,000	1 573	1 573	753	760	14	46	—	76	76	241
Less than 15 percent	18	18	16	—	—	2	—	—	—	16
15 to 19 percent	19	19	13	6	—	—	—	—	—	—
20 to 24 percent	75	75	32	38	—	5	—	23	9	—
25 to 29 percent	141	141	56	82	—	3	—	18	6	10
30 to 34 percent	145	145	68	66	4	7	—	21	6	32
35 percent or more	1 095	1 095	549	509	10	27	—	14	55	168
Not computed	80	80	19	59	—	2	—	—	—	15
Median	49.3	49.3	50+	48.1	50+	46.0	—	29.2	42.6	50+
\$10,000 to \$19,999	522	522	265	215	27	15	—	71	25	73
Less than 15 percent	109	109	64	38	—	7	—	22	—	37
15 to 19 percent	167	167	93	63	8	3	—	22	10	36
20 to 24 percent	98	98	56	37	—	5	—	20	8	—
25 to 29 percent	78	78	21	38	19	—	—	7	7	—
30 to 34 percent	36	36	10	26	—	—	—	—	—	—
35 percent or more	21	21	—	—	—	—	—	—	—	—
Not computed	13	13	—	13	—	—	—	—	—	—
Median	19.4	19.4	18.7	20.0	26.4	15.8	—	18.1	21.6	14.9
\$20,000 or more	207	207	88	97	—	22	—	34	8	11
Less than 15 percent	182	182	74	97	—	11	—	34	8	11
15 to 19 percent	14	14	—	—	—	—	—	—	—	—
20 to 24 percent	—	—	—	—	—	—	—	—	—	—
25 to 29 percent	—	—	—	—	—	—	—	—	—	—
30 to 34 percent	—	—	—	—	—	—	—	—	—	—
35 percent or more	—	—	—	—	—	—	—	—	—	—
Not computed	11	11	—	—	—	11	—	—	—	—
Median	10.6	10.6	10.2	10.4	—	12.5	—	10.7	5.0	12.5

Table H-12. Financial Characteristics of Housing Units With a Black Householder: 1980—Con.

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

**Census Tracts
[400 or More Black Persons]**

Specified owner-occupied housing units

MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS

With a mortgage	161	143	...
Less than \$100	—	—	...
\$100 to \$199	10	21	...
\$200 to \$299	82	66	...
\$300 to \$399	35	43	...
\$400 to \$599	34	13	...
\$600 or more	—	—	...
Median	\$288	\$274	...
Not mortgaged	53	37	...
Less than \$100	—	7	...
\$100 to \$199	30	19	...
\$200 or more	23	11	...
Median	\$188	\$121	...

HOUSEHOLD INCOME IN 1979 BY SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF INCOME

Less than \$10,000	61	55	...
Less than 15 percent	—	7	...
15 to 24 percent	5	3	...
25 to 29 percent	7	4	...
30 percent or more	40	41	...
Not computed	9	—	...
Median	37.9	43.5	...
\$10,000 to \$19,999	64	84	...
Less than 15 percent	23	6	...
15 to 24 percent	30	48	...
25 to 29 percent	5	7	...
30 percent or more	6	23	...
Not computed	—	—	...
Median	17.8	22.9	...
\$20,000 or more	89	41	...
Less than 15 percent	38	33	...
15 to 24 percent	51	8	...
25 to 29 percent	—	—	...
30 percent or more	—	—	...
Not computed	—	—	...
Median	16.2	9.8	...

Specified renter-occupied housing units

GROSS RENT

Less than \$80	...	...	—	—	—	20	...	—	7	...
\$80 to \$99	...	...	—	—	—	10	...	—	—	...
\$100 to \$149	...	...	29	5	41	29	...	—	—	...
\$150 to \$199	...	...	76	35	63	226	...	12	85	...
\$200 to \$249	...	...	58	6	72	125	...	6	89	...
\$250 to \$299	...	...	16	13	112	26	...	6	—	...
\$300 to \$349	...	...	20	8	27	44	...	6	—	...
\$350 to \$399	...	...	11	—	7	15	...	—	—	...
\$400 or more	...	...	6	—	8	—	...	—	—	...
No cash rent	...	...	—	—	—	—	...	9	—	...
Median	...	...	\$203	\$196	\$243	\$196	...	\$238	\$199	...
One-family house, detached or attached	...	...	64	41	172	242	...	22	25	...
Median gross rent	...	...	\$226	\$267	\$265	\$196	...	\$196	\$225	...

HOUSEHOLD INCOME IN 1979 BY GROSS RENT AS PERCENTAGE OF INCOME

Less than \$10,000	...	...	150	56	235	336	...	33	76	...
Less than 15 percent	...	...	—	—	—	—	...	—	—	...
15 to 19 percent	...	...	13	—	—	6	...	—	—	...
20 to 24 percent	...	...	—	—	21	11	...	—	23	...
25 to 29 percent	...	...	14	6	11	43	...	—	18	...
30 to 34 percent	...	...	5	6	—	33	...	—	21	...
35 percent or more	...	...	114	36	179	231	...	24	14	...
Not computed	...	...	4	8	24	12	...	9	—	...
Median	...	...	50+	46.4	49.3	50+	...	50+	29.2	...
\$10,000 to \$19,999	...	...	48	13	64	110	...	6	71	...
Less than 15 percent	...	...	—	5	—	33	...	—	22	...
15 to 19 percent	...	...	20	—	14	40	...	—	22	...
20 to 24 percent	...	...	11	—	14	10	...	—	20	...
25 to 29 percent	...	...	7	—	21	17	...	—	7	...
30 to 34 percent	...	...	10	—	10	10	...	6	—	...
35 percent or more	...	...	—	—	—	—	...	—	—	...
Not computed	...	...	—	8	5	—	...	—	—	...
Median	...	...	21.8	5.0	25.4	17.7	...	32.5	18.1	...
\$20,000 or more	...	...	18	6	36	49	...	—	34	...
Less than 15 percent	...	...	8	6	36	49	...	—	34	...
15 to 19 percent	...	...	10	—	—	—	...	—	—	...
20 to 24 percent	...	...	—	—	—	—	...	—	—	...
25 to 29 percent	...	...	—	—	—	—	...	—	—	...
30 to 34 percent	...	...	—	—	—	—	...	—	—	...
35 percent or more	...	...	—	—	—	—	...	—	—	...
Not computed	...	...	—	—	—	—	...	—	—	...
Median	...	...	15.5	12.5	10.9	8.2	...	—	10.7	...

	Muskegon city, Muskegon County—Can.			Muskegon Heights city, Muskegon County					Totals for split tracts in Muskegon County	
	Tract 0004 ^a	Tract 0005	Tract 0006.02	Tract 0011	Tract 0012	Tract 0013	Tract 0014.01	Tract 0014.02	Tract 0001	Tract 0004
Specified owner-occupied housing units	214	180	...	69	521	...	85	208	120	214
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS										
With a mortgage	161	143	...	29	377	...	65	169	106	161
Less than \$100	—	—	...	—	—	...	—	—	—	—
\$100 to \$199	10	21	...	10	49	...	6	20	7	10
\$200 to \$299	82	66	...	13	165	...	34	105	35	82
\$300 to \$399	35	43	...	6	141	...	25	44	47	35
\$400 to \$599	34	13	...	—	22	...	—	—	17	34
\$600 or more	—	—	...	—	—	...	—	—	—	—
Median	\$288	\$274	...	\$217	\$286	...	\$283	\$253	\$318	\$288
Not mortgaged	53	37	...	40	144	...	20	39	14	53
Less than \$100	—	7	...	—	13	...	5	—	—	—
\$100 to \$199	30	19	...	34	106	...	15	39	10	30
\$200 or more	23	11	...	6	25	...	—	—	4	23
Median	\$188	\$121	...	\$137	\$160	...	\$121	\$152	\$160	\$188
HOUSEHOLD INCOME IN 1979 BY SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF INCOME										
Less than \$10,000	61	55	...	25	135	...	17	97	28	61
Less than 15 percent	—	7	...	—	6	...	—	—	—	—
15 to 24 percent	5	3	...	—	18	...	5	7	5	5
25 to 29 percent	7	4	...	13	—	...	—	10	—	7
30 percent or more	40	41	...	6	111	...	12	80	23	40
Not computed	9	—	...	6	—	...	—	—	9	9
Median	37.9	43.5	...	28.7	50+	...	44.4	50+	50+	37.9
\$10,000 to \$19,999	64	84	...	20	207	...	32	69	37	64
Less than 15 percent	23	6	...	14	41	...	6	13	—	23
15 to 24 percent	30	48	...	6	105	...	26	35	12	30
25 to 29 percent	5	7	...	—	7	...	—	21	5	5
30 percent or more	6	23	...	—	54	...	—	—	20	6
Not computed	—	—	...	—	—	...	—	—	—	—
Median	17.8	22.9	...	13.6	19.1	...	17.8	21.0	30.5	17.8
\$20,000 or more	89	41	...	24	179	...	36	42	55	89
Less than 15 percent	38	33	...	24	121	...	24	25	35	38
15 to 24 percent	51	8	...	—	51	...	12	17	20	51
25 to 29 percent	—	—	...	—	7	...	—	—	—	—
30 percent or more	—	—	...	—	—	...	—	—	—	—
Not computed	—	—	...	—	—	...	—	—	—	—
Median	16.2	9.8	...	5.0	9.9	...	10.7	13.9	12.5	16.2
Specified renter-occupied housing units	...	...	216	75	335	495	...	39	181	...
GROSS RENT										
Less than \$80	...	...	—	—	—	20	...	—	7	...
\$80 to \$99	...	...	—	—	—	10	...	—	—	...
\$100 to \$149	...	...	29	5	41	29	...	—	—	...
\$150 to \$199	...	...	76	35	63	226	...	12	85	...
\$200 to \$249	...	...	58	6	72	125	...	6	89	...
\$250 to \$299	...	...	16	13	112	26	...	6	—	...
\$300 to \$349	...	...	20	8	27	44	...	6	—	...
\$350 to \$399	...	...	11	—	7	15	...	—	—	...
\$400 or more	...	...	6	—	8	—	...	—	—	...
No cash rent	...	...	—	—	—	—	...	9	—	...
Median	...	...	\$203	\$196	\$243	\$196	...	\$238	\$199	...
One-family house, detached or attached	...	...	64	41	172	242	...	22	25	...
Median gross rent	...	...	\$226	\$267	\$265	\$196	...	\$196	\$225	...
HOUSEHOLD INCOME IN 1979 BY GROSS RENT AS PERCENTAGE OF INCOME										
Less than \$10,000	...	...	150	56	235	336	...	33	76	...
Less than 15 percent	...	...	—	—	—	—	...	—	—	...
15 to 19 percent	...	...	13	—	—	6	...	—	—	...
20 to 24 percent	...	...	—	—	21	11	...	—	23	...
25 to 29 percent	...	...	14	6	11	43	...	—	18	...
30 to 34 percent	...	...	5	6	—	33	...	—	21	...
35 percent or more	...	...	114	36	179	231	...	24	14	...
Not computed	...	...	4	8	24	12	...	9	—	...
Median	...	...	50+	46.4	49.3	50+	...	50+	29.2	...
\$10,000 to \$19,999	...	...	48	13	64	110	...	6	71	...
Less than 15 percent	...	...	—	5	—	33	...	—	22	...
15 to 19 percent	...	...	20	—	14	40	...	—	22	...
20 to 24 percent	...	...	11	—	14	10	...	—	20	...
25 to 29 percent	...	...	7	—	21	17	...	—	7	...
30 to 34 percent	...	...	10	—	10	10	...	6	—	...
35 percent or more	...	...	—	—	—	—	...	—	—	...
Not computed	...	...	—	8	5	—	...	—	—	...
Median	...	...	21.8	5.0	25.4	17.7	...	32.5	18.1	...
\$20,000 or more	...	...	18	6	36	49	...	—	34	...
Less than 15 percent	...	...	8	6	36	49	...	—	34	...
15 to 19 percent	...	...	10	—	—	—	...	—	—	...
20 to 24 percent	...	...	—	—	—	—	...	—	—	...
25 to 29 percent	...	...	—	—	—	—	...	—	—	...
30 to 34 percent	...	...	—	—	—	—	...	—	—	...
35 percent or more	...	...	—	—	—	—	...	—	—	...
Not computed	...	...	—	—	—	—	...	—	—	...
Median	...	...	15.5	12.5	10.9	8.2	...	—	10.7	

Table H-13. **Structural, Equipment, and Household Characteristics of Housing Units With an American Indian, Eskimo, or Aleut Householder: 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]

**Census Tracts
[400 or More American Indian,
Eskimo, and Aleut Persons]**

	Muskegon County						Oceana County
	The SMSA	Total	Muskegon city	Muskegon Heights city	Norton Shores city	Remainder	
Occupied housing units	336	285	54	32	47	152	51
UNITS IN STRUCTURE							
1, detached or attached	274	241	33	26	43	139	33
2	25	18	12	6	—	—	7
3 and 4	6	4	—	—	4	—	2
5 to 9	7	7	—	—	—	7	—
10 to 49	—	—	—	—	—	—	—
50 or more	9	9	9	—	—	—	—
Mobile home or trailer, etc.	15	6	—	—	—	6	9
YEAR STRUCTURE BUILT							
1979 to March 1980	—	—	—	—	—	—	—
1975 to 1978	23	16	—	—	—	16	7
1970 to 1974	17	3	—	—	—	3	14
1960 to 1969	42	35	9	—	9	17	7
1950 to 1959	74	74	—	15	13	46	—
1940 to 1949	70	68	—	—	14	54	2
1939 or earlier	110	89	45	17	11	16	21
HEATING EQUIPMENT							
Steam or hot water system	5	—	—	—	—	—	5
Central warm-air furnace	227	196	54	23	22	97	31
Electric heat pump	3	—	—	9	—	—	3
Other built-in electric units	12	12	—	9	—	3	—
Other means	89	77	—	—	25	52	12
None	—	—	—	—	—	—	—
HOUSE HEATING FUEL							
Utility gas	230	222	54	23	47	98	8
Bottled, tank, or LP gas	33	16	—	—	—	16	17
Electricity	15	12	—	9	—	3	3
Fuel oil, kerosene, etc.	39	23	—	—	—	23	16
Other	19	12	—	—	—	12	7
No fuel used	—	—	—	—	—	—	—
VEHICLES AVAILABLE							
None	54	47	23	6	6	12	7
1	162	137	23	20	34	60	25
2	83	67	8	6	7	46	16
3 or more	37	34	—	—	—	34	3
SELECTED CHARACTERISTICS							
Complete kitchen facilities	336	285	54	32	47	152	51
1 complete bathroom plus half bath(s)	53	45	13	6	9	17	8
2 or more complete bathrooms	11	6	—	—	—	6	5
Air conditioning	23	23	9	—	4	10	—
Central system	16	16	9	—	—	7	—
Source of water, public system or private company	156	146	54	32	27	33	10
Sewage disposal, public sewer	133	123	54	32	11	26	10
Units with roomers or boarders	—	—	—	—	—	—	—
No telephone	64	55	8	—	11	36	9
Owner-occupied housing units	246	205	42	23	30	110	41
4 or more bedrooms	49	33	8	—	9	11	16
1 complete bathroom plus half bath(s)	49	41	13	—	9	13	8
2 or more complete bathrooms	7	4	—	—	—	4	3
Renter-occupied housing units	90	80	12	9	17	42	10
2 or more bedrooms	72	62	4	—	17	32	10
1 complete bathroom plus half bath(s)	4	4	—	—	—	4	—
2 or more complete bathrooms	4	2	—	—	—	2	2
YEAR HOUSEHOLDER MOVED INTO UNIT							
Owner-occupied housing units	246	205	42	23	30	110	41
1979 to March 1980	15	13	—	—	—	8	2
1975 to 1978	77	63	9	—	16	26	14
1970 to 1974	64	46	20	—	14	6	18
1960 to 1969	53	48	7	—	—	41	5
1959 or earlier	37	35	6	—	—	29	2
Renter-occupied housing units	90	80	12	9	17	42	10
1979 to March 1980	31	23	—	—	6	17	8
1975 to 1978	51	49	8	—	11	21	2
1970 to 1974	4	4	4	—	—	—	—
1969 or earlier	4	4	—	—	—	4	—
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER							
Occupied housing units	67	62	22	—	—	40	5
Owner-occupied housing units	60	55	22	—	—	33	5
Lacking complete plumbing for exclusive use	—	—	—	—	—	—	—
No vehicle available	23	21	15	—	—	6	2
No telephone	12	12	—	—	—	12	—
INCOME IN 1979 BELOW POVERTY LEVEL							
Owner-occupied housing units	29	18	—	—	—	13	11
Percent below poverty level	11.8	8.8	—	—	—	11.8	26.8
Complete plumbing for exclusive use	29	18	—	—	—	—	11
1.01 or more persons per room	2	2	—	—	—	2	—
Lacking complete plumbing for exclusive use	—	—	—	—	—	—	—
1.01 or more persons per room	—	—	—	—	—	—	—
Renter-occupied housing units	58	55	12	—	6	37	3
Percent below poverty level	64.4	68.8	100.0	—	35.3	88.1	30.0
Complete plumbing for exclusive use	58	55	12	—	6	37	3
1.01 or more persons per room	5	5	—	—	—	5	—
Lacking complete plumbing for exclusive use	—	—	—	—	—	—	—
1.01 or more persons per room	—	—	—	—	—	—	—

Table H-14. **Financial Characteristics of Housing Units With an American Indian, Eskimo, or Aleut Householder: 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.]

**Census Tracts
[400 or More American Indian,
Eskimo, and Aleut Persons]**

	Muskegon County						Oceano County
	The SMSA	Total	Muskegon city	Muskegon Heights city	Norton Shores city	Remainder	
Specified owner-occupied housing units -----	192	169	33	17	30	89	23
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS							
With a mortgage -----	117	102	13	12	30	47	15
Less than \$100 -----	31	26	—	6	7	13	5
\$100 to \$199 -----	45	37	13	6	7	11	8
\$200 to \$299 -----	28	26	—	—	16	10	2
\$300 to \$399 -----	13	13	—	—	—	13	—
\$400 to \$599 -----	—	—	—	—	—	—	—
\$600 or more -----	—	—	—	—	—	—	—
Median -----	\$274	\$277	\$241	\$212	\$303	\$297	\$266
Not mortgaged -----	75	67	20	5	—	42	8
Less than \$100 -----	11	6	—	—	—	6	5
\$100 to \$199 -----	64	61	20	5	—	36	3
\$200 or more -----	—	—	—	—	—	—	—
Median -----	\$117	\$120	\$119	\$138	—	\$117	\$92
HOUSEHOLD INCOME IN 1979 BY SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF INCOME							
Less than \$10,000 -----	48	41	20	5	—	16	7
Less than 15 percent -----	—	—	—	—	—	—	—
15 to 24 percent -----	22	17	7	—	—	10	5
25 to 29 percent -----	—	—	—	—	—	—	—
30 percent or more -----	26	24	13	5	—	6	2
Not computed -----	—	—	—	—	—	—	—
Median -----	35.8	36.3	36.2	45.0	—	22.5	18.5
\$10,000 to \$19,999 -----	87	78	5	12	30	31	9
Less than 15 percent -----	37	34	—	6	7	21	3
15 to 24 percent -----	36	30	—	6	16	8	6
25 to 29 percent -----	—	—	—	—	—	—	—
30 percent or more -----	14	14	5	—	7	2	—
Not computed -----	—	—	—	—	—	—	—
Median -----	17.3	18.1	32.5	17.0	22.5	13.2	16.3
\$20,000 or more -----	57	50	8	—	—	42	7
Less than 15 percent -----	45	38	8	—	—	30	7
15 to 24 percent -----	12	12	—	—	—	12	—
25 to 29 percent -----	—	—	—	—	—	—	—
30 percent or more -----	—	—	—	—	—	—	—
Not computed -----	—	—	—	—	—	—	—
Median -----	12.3	12.5	12.5	—	—	12.5	11.5
Specified renter-occupied housing units -----	88	78	12	...	17	40	10
GROSS RENT							
Less than \$80 -----	—	—	—	...	—	—	—
\$80 to \$99 -----	—	—	—	...	—	—	—
\$100 to \$149 -----	9	9	8	...	—	1	—
\$150 to \$199 -----	—	—	—	...	—	—	—
\$200 to \$249 -----	33	30	4	...	10	16	3
\$250 to \$299 -----	37	32	—	...	7	16	5
\$300 to \$349 -----	5	5	—	...	—	5	—
\$350 to \$399 -----	—	—	—	...	—	—	—
\$400 or more -----	—	—	—	...	—	—	—
No cash rent -----	4	2	—	...	—	2	2
Median -----	\$250	\$249	\$148	...	\$244	\$256	\$258
One-family house, detached or attached -----	53	52	—	...	13	30	1
Median gross rent -----	\$266	\$266	—	...	\$254	\$265	\$275
HOUSEHOLD INCOME IN 1979 BY GROSS RENT AS PERCENTAGE OF INCOME							
Less than \$10,000 -----	72	66	12	...	6	39	6
Less than 15 percent -----	—	—	—	...	—	—	—
15 to 19 percent -----	—	—	—	...	—	—	—
20 to 24 percent -----	—	—	—	...	—	—	—
25 to 29 percent -----	—	—	—	...	—	—	—
30 to 34 percent -----	—	—	—	...	—	—	—
35 percent or more -----	61	57	12	...	6	30	4
Not computed -----	11	9	—	...	—	9	2
Median -----	50+	50+	50+	...	50+	50+	43.3
\$10,000 to \$19,999 -----	14	12	—	...	11	1	2
Less than 15 percent -----	1	1	—	...	—	1	—
15 to 19 percent -----	—	—	—	...	—	—	—
20 to 24 percent -----	13	11	—	...	11	—	2
25 to 29 percent -----	—	—	—	...	—	—	—
30 to 34 percent -----	—	—	—	...	—	—	—
35 percent or more -----	—	—	—	...	—	—	—
Not computed -----	—	—	—	...	—	—	—
Median -----	22.3	22.3	—	...	22.5	12.5	22.5
\$20,000 or more -----	2	—	—	...	—	—	2
Less than 15 percent -----	2	—	—	...	—	—	2
15 to 19 percent -----	—	—	—	...	—	—	—
20 to 24 percent -----	—	—	—	...	—	—	—
25 to 29 percent -----	—	—	—	...	—	—	—
30 to 34 percent -----	—	—	—	...	—	—	—
35 percent or more -----	—	—	—	...	—	—	—
Not computed -----	—	—	—	...	—	—	—
Median -----	12.5	—	—	...	—	—	12.5

Table H-15. **Structural, Equipment, and Household Characteristics of Housing Units With an Asian or Pacific Islander Householder: 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.]

**Census Tracts
[400 or More Asian and Pacific
Islander Persons]**

	Muskegon County					Oceana County	
	The SMSA	Total	Muskegon city	Muskegon Heights city	Norton Shores city		Remainder
Occupied housing units	96	92	27	-	4	61	4
UNITS IN STRUCTURE							
1, detached or attached	56	52	15	-	...	33	...
2	-	-	-	-	...	-	...
3 and 4	6	6	-	-	...	6	...
5 to 9	5	5	5	-	...	-	...
10 to 49	14	14	7	-	...	7	...
50 or more	6	6	-	-	...	6	...
Mobile home or trailer, etc.	9	9	-	-	...	9	...
YEAR STRUCTURE BUILT							
1979 to March 1980	7	6	-	-	...	2	...
1975 to 1978	27	27	7	-	...	20	...
1970 to 1974	21	18	-	-	...	18	...
1960 to 1969	11	11	-	-	...	11	...
1950 to 1959	11	11	4	-	...	7	...
1940 to 1949	-	-	-	-	...	-	...
1939 or earlier	19	19	16	-	...	3	...
HEATING EQUIPMENT							
Steam or hot water system	31	30	5	-	...	25	...
Central warm-air furnace	58	55	22	-	...	29	...
Electric heat pump	-	-	-	-	...	-	...
Other built-in electric units	7	7	-	-	...	7	...
Other means	-	-	-	-	...	-	...
None	-	-	-	-	...	-	...
HOUSE HEATING FUEL							
Utility gas	79	79	27	-	...	48	...
Bottled, tank, or LP gas	3	-	-	-	...	-	...
Electricity	7	7	-	-	...	7	...
Fuel oil, kerosene, etc.	7	6	-	-	...	6	...
Other	-	-	-	-	...	-	...
No fuel used	-	-	-	-	...	-	...
VEHICLES AVAILABLE							
None	15	12	12	-	...	-	...
1	58	58	11	-	...	47	...
2	5	4	4	-	...	-	...
3 or more	18	18	-	-	...	14	...
SELECTED CHARACTERISTICS							
Complete kitchen facilities	96	92	27	-	...	61	...
1 complete bathroom plus half bath(s)	13	12	-	-	...	12	...
2 or more complete bathrooms	20	20	-	-	...	16	...
Air conditioning	33	33	11	-	...	18	...
Central system	11	11	7	-	...	-	...
Source of water, public system or private company	48	47	27	-	...	20	...
Sewage disposal, public sewer	47	47	27	-	...	20	...
Units with roomers or boarders	9	9	4	-	...	5	...
No telephone	2	2	-	-	...	2	...
Owner-occupied housing units	57	53	4	-	...	45	...
4 or more bedrooms	22	22	...	-	...	14	...
1 complete bathroom plus half bath(s)	13	12	...	-	...	12	...
2 or more complete bathrooms	17	17	...	-	...	13	...
Renter-occupied housing units	39	39	23	-	...	16	...
2 or more bedrooms	13	13	...	-	...	9	...
1 complete bathroom plus half bath(s)	-	-	...	-	...	-	...
2 or more complete bathrooms	3	3	...	-	...	3	...
YEAR HOUSEHOLDER MOVED INTO UNIT							
Owner-occupied housing units	57	53	4	-	...	45	...
1979 to March 1980	27	26	...	-	...	22	...
1975 to 1978	12	9	...	-	...	5	...
1970 to 1974	13	13	...	-	...	13	...
1960 to 1969	5	5	...	-	...	5	...
1959 or earlier	-	-	...	-	...	-	...
Renter-occupied housing units	39	39	23	-	...	16	...
1979 to March 1980	25	25	...	-	...	6	...
1975 to 1978	7	7	...	-	...	7	...
1970 to 1974	4	4	...	-	...	-	...
1969 or earlier	3	3	...	-	...	3	...
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER							
Occupied housing units	10	10	7	-	...	3	...
Owner-occupied housing units	-	-	-	-	...	-	...
Lacking complete plumbing for exclusive use	-	-	-	-	...	-	...
No vehicle available	7	7	7	-	...	-	...
No telephone	-	-	-	-	...	-	...
INCOME IN 1979 BELOW POVERTY LEVEL							
Owner-occupied housing units	6	6	...	-	...	6	...
Percent below poverty level	10.5	11.3	...	-	...	13.3	...
Complete plumbing for exclusive use	6	6	...	-	...	6	...
1.01 or more persons per room	-	-	...	-	...	-	...
Lacking complete plumbing for exclusive use	-	-	...	-	...	-	...
1.01 or more persons per room	-	-	...	-	...	-	...
Renter-occupied housing units	19	19	...	-	...	-	...
Percent below poverty level	48.7	48.7	...	-	...	-	...
Complete plumbing for exclusive use	19	19	...	-	...	-	...
1.01 or more persons per room	7	7	...	-	...	-	...
Lacking complete plumbing for exclusive use	-	-	...	-	...	-	...
1.01 or more persons per room	-	-	...	-	...	-	...

Table H-16. Financial Characteristics of Housing Units With an Asian or Pacific Islander Householder: 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.]

**Census Tracts
[400 or More Asian and Pacific
Islander Persons]**

	Muskegon County					Oceana County	
	The SMSA	Total	Muskegon city	Muskegon Heights city	Norton Shores city		Remainder
Specified owner-occupied housing units	36	33	...	-	...	25	...
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS							
With a mortgage	29	29	...	-	...	25	...
Less than \$100	-	-	...	-	...	-	...
\$100 to \$199	-	-	...	-	...	-	...
\$200 to \$299	-	-	...	-	...	-	...
\$300 to \$399	-	-	...	-	...	-	...
\$400 to \$599	12	12	...	-	...	12	...
\$600 or more	17	17	...	-	...	13	...
Median	\$671	\$671	...	-	...	\$654	...
Not mortgaged	7	4	...	-	...	-	...
Less than \$100	-	-	...	-	...	-	...
\$100 to \$199	3	-	...	-	...	-	...
\$200 or more	4	4	...	-	...	-	...
Median	\$206	\$225	...	-	...	-	...
HOUSEHOLD INCOME IN 1979 BY SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF INCOME							
Less than \$10,000	3	-	...	-	...	-	...
Less than 15 percent	-	-	...	-	...	-	...
15 to 24 percent	-	-	...	-	...	-	...
25 to 29 percent	3	-	...	-	...	-	...
30 percent or more	-	-	...	-	...	-	...
Not computed	-	-	...	-	...	-	...
Median	27.5	-	...	-	...	-	...
\$10,000 to \$19,999	10	10	...	-	...	6	...
Less than 15 percent	-	-	...	-	...	-	...
15 to 24 percent	4	4	...	-	...	-	...
25 to 29 percent	-	-	...	-	...	-	...
30 percent or more	6	6	...	-	...	6	...
Not computed .....	...	...	...	-	...	...	...
Median	41.7	41.7	...	-	...	45.0	...
\$20,000 or more	23	23	...	-	...	19	...
Less than 15 percent	-	-	...	-	...	-	...
15 to 24 percent	12	12	...	-	...	12	...
25 to 29 percent	4	4	...	-	...	-	...
30 percent or more	7	7	...	-	...	7	...
Not computed .....	...	...	...	-	...	...	...
Median	19.8	19.8	...	-	...	19.0	...
Specified renter-occupied housing units	39	39	23	-	-	16	-
GROSS RENT							
Less than \$80	7	7	7	-	-	-	-
\$80 to \$99	-	-	-	-	-	-	-
\$100 to \$149	-	-	-	-	-	-	-
\$150 to \$199	9	9	9	-	-	-	-
\$200 to \$249	7	7	-	-	-	7	-
\$250 to \$299	7	7	7	-	-	-	-
\$300 to \$349	-	-	-	-	-	-	-
\$350 to \$399	-	-	-	-	-	-	-
\$400 or more	6	6	-	-	-	6	-
No cash rent	3	3	-	-	-	3	-
Median	\$207	\$207	\$181	-	-	\$223	-
One-family house, detached or attached	14	14	11	-	-	3	-
Median gross rent	\$261	\$261	\$261	-	-	-	-
HOUSEHOLD INCOME IN 1979 BY GROSS RENT AS PERCENTAGE OF INCOME							
Less than \$10,000	15	15	12	-	-	3	-
Less than 15 percent	-	-	-	-	-	-	-
15 to 19 percent	-	-	-	-	-	-	-
20 to 24 percent	7	7	7	-	-	-	-
25 to 29 percent	-	-	-	-	-	-	-
30 to 34 percent	-	-	-	-	-	-	-
35 percent or more	5	5	5	-	-	-	-
Not computed	3	3	-	-	-	3	-
Median	24.3	24.3	24.3	-	-	-	-
\$10,000 to \$19,999	18	18	11	-	-	7	-
Less than 15 percent	4	4	4	-	-	-	-
15 to 19 percent	7	7	-	-	-	7	-
20 to 24 percent	-	-	-	-	-	-	-
25 to 29 percent	7	7	7	-	-	-	-
30 to 34 percent	-	-	-	-	-	-	-
35 percent or more	-	-	-	-	-	-	-
Not computed	-	-	-	-	-	-	-
Median	18.6	18.6	26.1	-	-	17.5	-
\$20,000 or more	6	6	-	-	-	6	-
Less than 15 percent	-	-	-	-	-	-	-
15 to 19 percent	-	-	-	-	-	-	-
20 to 24 percent	6	6	-	-	-	6	-
25 to 29 percent	-	-	-	-	-	-	-
30 to 34 percent	-	-	-	-	-	-	-
35 percent or more	-	-	-	-	-	-	-
Not computed	-	-	-	-	-	-	-
Median	22.5	22.5	-	-	-	22.5	-

Table H-17. **Structural, Equipment, and Household Characteristics of Housing Units With a Householder of Spanish Origin: 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]

Census Tracts [400 or More Spanish Origin Persons]	Muskegon County					Oceano County	
	The SMSA	Total	Muskegon city	Muskegon Heights city	Norton Shores city		Remainder
Occupied housing units -----	940	755	298	109	112	236	185
UNITS IN STRUCTURE							
1, detached or attached -----	672	562	200	69	89	204	110
2 -----	85	70	41	18	5	6	15
3 and 4 -----	52	43	25	—	12	6	9
5 to 9 -----	40	33	6	22	—	5	7
10 to 49 -----	20	20	—	—	—	—	—
50 or more -----	11	11	—	—	—	5	—
Mobile home or trailer, etc. -----	60	16	—	—	6	10	44
YEAR STRUCTURE BUILT							
1979 to March 1980 -----	23	10	—	—	—	10	13
1975 to 1978 -----	41	25	—	—	7	18	16
1970 to 1974 -----	80	55	25	—	5	25	25
1960 to 1969 -----	106	75	13	15	21	26	31
1950 to 1959 -----	210	189	56	21	44	68	21
1940 to 1949 -----	202	169	73	27	25	44	33
1939 or earlier -----	278	232	131	46	10	45	46
HEATING EQUIPMENT							
Steam or hot water system -----	66	53	27	6	6	14	13
Central warm-air furnace -----	581	503	210	74	84	135	78
Electric heat pump -----	5	—	—	—	—	—	5
Other built-in electric units -----	39	37	29	—	—	8	2
Other means -----	246	162	32	29	22	79	84
None -----	3	—	—	—	—	—	3
HOUSE HEATING FUEL							
Utility gas -----	682	615	261	102	107	145	67
Bottled, tank, or LP gas -----	68	28	8	—	—	20	40
Electricity -----	59	49	29	—	—	20	10
Fuel oil, kerosene, etc. -----	89	45	—	7	—	38	44
Other -----	39	18	—	—	5	13	21
No fuel used -----	3	—	—	—	—	—	3
VEHICLES AVAILABLE							
None -----	115	102	47	31	17	7	13
1 -----	360	292	130	65	21	76	68
2 -----	259	194	75	13	30	76	65
3 or more -----	206	167	46	—	44	77	39
SELECTED CHARACTERISTICS							
Complete kitchen facilities -----	928	749	298	109	112	230	179
1 complete bathroom plus half bath(s) -----	78	66	28	9	12	17	12
2 or more complete bathrooms -----	53	41	6	12	13	10	12
Air conditioning -----	114	106	45	16	5	40	8
Central system -----	34	29	19	—	5	5	5
Source of water, public system or private company -----	628	561	298	109	95	59	67
Sewage disposal, public sewer -----	553	494	292	109	24	69	59
Units with roomers or boarders -----	17	14	14	—	—	—	3
No telephone -----	120	80	48	6	15	11	40
Owner-occupied housing units	578	476	167	58	62	189	102
4 or more bedrooms -----	142	119	39	19	19	42	23
1 complete bathroom plus half bath(s) -----	44	35	15	—	5	15	9
2 or more complete bathrooms -----	42	33	6	12	5	10	9
Renter-occupied housing units	362	279	131	51	50	47	83
2 or more bedrooms -----	252	183	79	51	23	30	69
1 complete bathroom plus half bath(s) -----	34	31	13	9	7	2	3
2 or more complete bathrooms -----	11	8	—	—	8	—	3
YEAR HOUSEHOLDER MOVED INTO UNIT							
Owner-occupied housing units	578	476	167	58	62	189	102
1979 to March 1980 -----	73	56	19	21	—	16	17
1975 to 1978 -----	150	123	37	—	32	54	27
1970 to 1974 -----	130	97	36	6	5	50	33
1960 to 1969 -----	149	134	50	10	20	54	15
1959 or earlier -----	76	66	25	21	5	15	10
Renter-occupied housing units	362	279	131	51	50	47	83
1979 to March 1980 -----	163	112	85	—	18	9	51
1975 to 1978 -----	132	115	34	33	25	23	17
1970 to 1974 -----	32	26	12	6	—	8	6
1969 or earlier -----	35	26	—	12	7	7	9
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER							
Occupied housing units -----	105	86	48	19	5	14	19
Owner-occupied housing units -----	71	57	29	14	5	9	14
Lacking complete plumbing for exclusive use -----	5	—	—	—	—	—	5
No vehicle available -----	26	24	14	5	—	5	2
No telephone -----	3	—	—	—	—	—	3
INCOME IN 1979 BELOW POVERTY LEVEL							
Owner-occupied housing units	107	78	25	33	5	15	29
Percent below poverty level -----	18.5	16.4	15.0	56.9	8.1	7.9	28.4
Complete plumbing for exclusive use -----	105	78	25	33	5	15	27
1.01 or more persons per room -----	20	5	—	—	—	5	15
Lacking complete plumbing for exclusive use -----	2	—	—	—	—	—	2
1.01 or more persons per room -----	—	—	—	—	—	—	—
Renter-occupied housing units	126	82	53	12	10	7	44
Percent below poverty level -----	34.8	29.4	40.5	23.5	20.0	14.9	53.0
Complete plumbing for exclusive use -----	121	82	53	12	10	7	39
1.01 or more persons per room -----	32	15	5	—	10	—	17
Lacking complete plumbing for exclusive use -----	5	—	—	—	—	—	5
1.01 or more persons per room -----	3	—	—	—	—	—	3

Table H-18. Financial Characteristics of Housing Units With a Householder of Spanish Origin: 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]

**Census Tracts
[400 or More Spanish Origin
Persons]**

	Muskegon County						Oceana County
	The SMSA	Total	Muskegon city	Muskegon Heights city	Norton Shores city	Remainder	
Specified owner-occupied housing units	436	389	141	53	51	144	47
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS							
With a mortgage	269	247	84	26	34	103	22
Less than \$100	—	—	—	—	—	—	—
\$100 to \$199	21	19	5	—	—	14	2
\$200 to \$299	154	148	58	7	22	61	6
\$300 to \$399	72	63	21	14	7	21	9
\$400 to \$599	19	17	—	5	5	7	2
\$600 or more	3	—	—	—	—	—	3
Median	\$265	\$261	\$252	\$321	\$272	\$253	\$321
Not mortgaged	167	142	57	27	17	41	25
Less than \$100	31	29	13	14	—	2	2
\$100 to \$199	118	95	39	7	12	37	23
\$200 or more	18	18	5	6	5	2	—
Median	\$137	\$136	\$117	\$99	\$188	\$139	\$144
HOUSEHOLD INCOME IN 1979 BY SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF INCOME							
Less than \$10,000	101	86	31	28	5	22	15
Less than 15 percent	7	7	—	7	—	—	—
15 to 24 percent	28	23	7	7	—	9	5
25 to 29 percent	—	—	—	—	—	—	—
30 percent or more	62	52	20	14	5	13	10
Not computed	4	4	4	—	—	—	—
Median	33.1	32.7	31.6	37.0	50+	44.0	42.5
\$10,000 to \$19,999	163	147	64	14	7	62	16
Less than 15 percent	69	64	44	—	—	20	5
15 to 24 percent	84	75	20	14	7	34	9
25 to 29 percent	10	8	—	—	—	8	2
30 percent or more	—	—	—	—	—	—	—
Not computed	—	—	—	—	—	—	—
Median	16.0	15.8	13.0	17.5	17.5	17.0	20.7
\$20,000 or more	172	156	46	11	39	60	16
Less than 15 percent	127	118	41	6	32	39	9
15 to 24 percent	38	31	5	5	7	14	7
25 to 29 percent	7	7	—	—	—	7	—
30 percent or more	—	—	—	—	—	—	—
Not computed	—	—	—	—	—	—	—
Median	12.3	12.3	12.4	9.2	7.2	13.6	12.5
Specified renter-occupied housing units	339	269	131	51	50	37	70
GROSS RENT							
Less than \$80	19	19	7	7	—	5	—
\$80 to \$99	—	—	—	—	—	—	—
\$100 to \$149	25	21	15	6	—	—	4
\$150 to \$199	81	73	51	15	7	—	8
\$200 to \$249	84	58	31	9	10	8	26
\$250 to \$299	31	24	5	9	8	2	7
\$300 to \$349	42	35	22	5	8	—	7
\$350 to \$399	13	13	—	—	12	1	—
\$400 or more	26	23	—	—	5	18	3
No cash rent	18	3	—	—	—	3	15
Median	\$218	\$214	\$194	\$196	\$287	\$406	\$230
One-family house, detached or attached	134	101	39	16	33	13	33
Median gross rent	\$255	\$269	\$265	\$256	\$247	\$446	\$232
HOUSEHOLD INCOME IN 1979 BY GROSS RENT AS PERCENTAGE OF INCOME							
Less than \$10,000	180	140	85	29	17	9	40
Less than 15 percent	—	—	—	—	—	—	—
15 to 19 percent	6	6	6	—	—	—	—
20 to 24 percent	6	6	—	—	—	—	—
25 to 29 percent	41	41	14	15	7	5	—
30 to 34 percent	16	9	—	9	—	—	7
35 percent or more	99	78	59	5	10	4	21
Not computed	12	—	—	—	—	—	12
Median	45.0	39.4	50+	29.8	50+	29.5	50+
\$10,000 to \$19,999	111	86	35	13	25	13	25
Less than 15 percent	19	16	10	6	—	—	3
15 to 19 percent	30	20	14	—	—	6	10
20 to 24 percent	28	26	11	7	—	—	2
25 to 29 percent	17	12	—	—	8	—	5
30 to 34 percent	3	1	—	—	—	1	2
35 percent or more	14	11	—	—	5	6	3
Not computed	—	—	—	—	—	—	—
Median	21.2	21.3	17.7	20.4	26.9	32.5	19.7
\$20,000 or more	48	43	11	9	8	15	5
Less than 15 percent	24	22	5	9	8	—	2
15 to 19 percent	6	6	6	—	—	—	—
20 to 24 percent	12	12	—	—	—	12	—
25 to 29 percent	—	—	—	—	—	—	—
30 to 34 percent	—	—	—	—	—	—	—
35 percent or more	—	—	—	—	—	—	—
Not computed	6	3	—	—	—	3	3
Median	14.4	14.5	15.4	12.5	12.5	22.5	12.5

Appendix A.—Area Classifications

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CENSUS TRACTS

Definition

Census tracts are small, relatively permanent areas into which standard metropolitan statistical areas (SMSA's) and certain other areas are divided for the purpose of providing statistics for small areas. When census tracts are established, they are designed to be homogeneous with respect to population characteristics, economic status, and living conditions. Tracts generally have between 2,500 and 8,000 residents.

Tract boundaries are established cooperatively by a local Census Statistical Areas Committee and the Census Bureau in accordance with guidelines that impose limitations on population size and specify the need for visible boundaries. Geographic shape and areal size of tracts are of relatively minor importance. Tract boundaries are established with the intention of being maintained over a long time so that statistical comparisons can be made from census to census. However, occasional changes may be made in tract boundaries due to physical changes in street patterns caused by highway construction, park development, etc. (see the section below on "Historical Comparability").

Census tracts have been delineated for all standard metropolitan statistical areas (SMSA's). Seven SMSA's which were

designated on the basis of 1980 census counts have portions with no tracts; these are Arecibo, Puerto Rico; Athens, Georgia; Bangor, Maine; Burlington, Vermont; Charlottesville, Virginia; Cumberland, Maryland-West Virginia; and Hickory, North Carolina. More than 3,000 tracts have been established in 221 counties outside SMSA's. Five States (Connecticut, Delaware, Hawaii, New Jersey, and Rhode Island) are entirely tracted. There are over 43,300 census tracts for the 1980 census.

All counties with census tracts are tracted in their entirety. In New England, if a county is in two or more SMSA's or is only partially within the boundaries of any SMSA, each portion of the county is published in the appropriate SMSA or State tract report. Data for complete tracts are shown in every report, except for two instances in which census tracts are split between an SMSA and a non-SMSA portion of a State: tract 0090 in Penobscot County, Maine is shown partly in the Bangor, Maine, SMSA report and partly in the Maine report for non-SMSA areas; tract 0035 in Chittenden County, Vermont, is shown partly in the Burlington, Vt., SMSA report and partly in the Vermont report.

Census tracts are identified by a 4-digit basic code and may have a 2-digit suffix, e.g., 6059.02. Leading zeros in a tract number do not appear on the maps (e.g., tract 0025.02 is shown on the map as tract 25.02). Tract numbers are always unique within a county and, except for the New York, N.Y.-N.J., SMSA, are also unique within an SMSA. All valid census tract numbers are in the range 0001 to 9899.99; a number between 9901 and 9989.99 denotes a block numbering area (BNA) for which data summaries do not appear in census tract reports. The suffix .99 indicates a tract populated entirely by persons aboard merchant or military ships. Such "crews of vessels" tracts generally do not appear on the maps; the tracts relate to the water

area and/or piers and docks associated with the on-shore tract(s) having the same 4-digit basic code.

Historical Comparability

Census tracts are defined with an overall goal of census-to-census comparability. Some 1970 tracts have been subdivided due to increased population, but the new 1980 tracts can be combined by the user for comparison with 1970 tracts. Nationwide, this affects about 8 percent of all 1970 tracts. Other changes for 1980 include combination of two or more small 1970 tracts (less than 1 percent of all 1970 tracts) and adjustments to tract boundaries where old boundary features have disappeared or better boundaries have come into being (e.g., freeways). In a few areas, local Census Statistical Areas Committees undertook extensive redefinition of census tracts. Information on 1970-1980 tract comparability for the area covered by this report is provided in the Introduction.

Both the number of tracted counties and the number of census tracts increased by over 20 percent nationally between 1970 and 1980. The reporting of data for split tracts has also increased.

STATES

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

COUNTIES

In most States, the primary divisions are termed counties. In Louisiana, these divisions are known as parishes. In Alaska, which has no counties, the county equivalents are the organized boroughs together with the "census areas" which were developed for general statistical purposes by the State of Alaska and

the Census Bureau. In four States (Maryland, Missouri, Nevada, and Virginia), there are one or more cities which are independent of any county organization and thus constitute primary divisions of their States. That part of Yellowstone National Park in Montana is treated as a county equivalent. The District of Columbia has no primary divisions, and the entire area is considered equivalent to a county for census purposes.

PLACES

Two types of places are recognized in the census reports—incorporated places and census designated places—as defined below. In this report, data are shown for places only if they have a population of 10,000 or more.

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. The towns in the New England States, New York, and Wisconsin, and the boroughs in New York are recognized as minor civil divisions (MCD's) for census purposes; the boroughs in Alaska are county equivalents.

In Connecticut, a unique situation exists in which one incorporated place (Woodmont borough) is subordinate to another (Milford city). In the tables for the Bridgeport, Connecticut SMSA report in this series, data shown for Milford city exclude those for Woodmont borough, and the user must include the data for the two tract parts shown in the remainder of New Haven County with the data shown for Milford city to obtain the total for Milford city.

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." In this report, CDP's with a population of 10,000 or more are shown. In 11 States certain CDP's are coextensive with MCD's; these entities are *not* summarized in the tables of these reports. The States are Connecticut, Maine, Massachusetts, Michigan, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont, and Wisconsin. To be recognized for the 1980 census, CDP's must have a minimum 1980 population as follows:

Area	Minimum CDP population
Alaska	25
Hawaii	300
All other States:	
Inside urbanized areas:	
With one or more cities of 50,000 or more	5,000
With no city of 50,000 or more	1,000
Outside urbanized areas	1,000

Hawaii is the only State with no incorporated places recognized by the Bureau of the Census. All places shown for Hawaii in the 1980 census reports are CDP's. Honolulu CDP essentially represents the Honolulu Judicial District. The city of Honolulu, coextensive with the county of Honolulu, is not recognized for census purposes.

STANDARD METROPOLITAN STATISTICAL AREAS

Definition

The general concept of a metropolitan area is one of a large population nucleus, together with adjacent communities which have a high degree of economic and social integration with that nucleus. The standard metropolitan statistical area (SMSA) classification is a statistical standard, developed for use by Federal agencies in the production, analysis, and publication of data on metropolitan areas. The SMSA's are designated and defined by the Office of Management and Budget, following a set of official published standards developed by the interagency Federal Committee on Standard Metropolitan Statistical Areas.

Each SMSA has one or more central counties containing the area's main population concentration; an urbanized area with at least 50,000 inhabitants. An

SMSA may also include outlying counties which have close economic and social relationships with the central counties. The outlying counties must have a specified level of commuting to the central counties and must also meet certain standards regarding metropolitan character, such as population density, urban population, and population growth. In New England, SMSA's are composed of cities and towns rather than whole counties.

SMSA Titles

Most SMSA's have at least one central city. The titles of SMSA's include up to three city names, as well as the name of each State into which the SMSA extends. For the 1980 census, central cities of SMSA's are those named in the titles of the SMSA's, with the exception of Nassau-Suffolk, N.Y., which has no central city, and Northeast Pennsylvania, the central cities of which are Scranton, Wilkes-Barre, and Hazleton. Data on central cities of SMSA's include the entire population and housing units within the legal city boundaries. In Hawaii, where there are no incorporated places recognized by the Bureau of the Census, census designated places are recognized as central cities.

New SMSA Standards

New standards for designating and defining metropolitan statistical areas were published in the *Federal Register* on January 3, 1980. The SMSA's recognized for the 1980 census comprise (1) all areas as defined on January 1, 1980, except for one area which was defined provisionally during the 1970's on the basis of population estimates but whose qualification was not confirmed by 1980 census counts; and (2) a group of 36 new areas defined on the basis of 1980 census counts and the new standards that were published on January 3, 1980.

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

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

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GENERAL

The 1980 census was conducted primarily through self-enumeration. The principal determinant for the response 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.

POPULATION CHARACTERISTICS

Household

A household includes all the persons who occupy a housing unit. The measure "persons per household" is obtained by dividing the number of persons in households by the number of households (or householders). For further information, see the housing unit definition.

Relationship to Householder

The data on relationship to householder were derived from answers to question 2, which was asked of all persons in housing units. Only basic categories of relationship are recognized in this report. More detailed categories of relationship appear in the PC80-1-B, PC80-1-C, and PC80-1-D reports (and summary tape files 2, 4, and 5).

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." Two types of householders are distinguished: a family householder and a nonfamily householder. A family householder is a householder living with one or more persons related to him or her by birth, marriage, or adoption. The householder and all persons in the household related to him or her are family members. A nonfamily householder is a householder living alone or with nonrelatives only.

Spouse—A person married to and living with a householder. This category includes persons in formal marriages as well as persons in common-law marriages.

Child—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. "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. "Related" children in a family include own children and all other persons (except the spouse

of the householder) under 18 years of age in the household, regardless of marital status, who are related to the householder by birth, marriage, or adoption.

Other Relative—Any person related to the householder by birth, marriage, or adoption who is not shown separately in the particular table (e.g., "spouse," "child," "brother or sister," or "parent").

Nonrelative—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 included in this category.

Unrelated Individual

An unrelated individual is (1) a householder living alone or with nonrelatives only, (2) a household member who is not related to the householder, or (3) a person living in group quarters who is not an inmate of an institution.

Family

A family consists of a householder and one or more other persons living in the same household who are related to the householder by birth, marriage, or adoption. All persons in a household who are related to the householder are regarded as members of his or her family. A "married-couple family" is a family in which the householder and spouse are enumerated as members of the same household. Not all households contain families, because a household may be composed of a group of unrelated persons or one person living alone. The measure "persons per family" is obtained by dividing the number of persons in families by the total number of families (or family householders).

Group Quarters

All persons not living in households are classified by the Bureau of the Census as living in group quarters. Two general categories of persons in group quarters are recognized:

Inmates of Institutions—Persons under care or custody in institutions at the time of enumeration are classified as "patients or inmates" of an institution regardless of their length of stay in that place and regardless of the number of people

in that place. Institutions include homes, schools, hospitals, or wards for the physically or mentally handicapped; hospitals or wards for mental, tubercular, or chronic disease patients; homes for unmarried mothers; nursing, convalescent, and rest homes for the aged and dependent; orphanages; and correctional institutions.

Other—This category includes all persons living in group quarters who are not inmates of institutions. Rooming and boarding houses, communes, farm and nonfarm workers' dormitories, convents or monasteries, and other living quarters are classified as "other" group quarters if there are 9 or more persons unrelated to the person listed in column 1 of the questionnaire; or if 10 or more unrelated persons share the unit. Persons residing in certain other types of living arrangements are classified as living in "other" group quarters regardless of the number or relationship of people in the unit. These include persons residing in military barracks, on ships, in college dormitories, or in sorority and fraternity houses; patients in general or maternity wards of hospitals who have no usual residence elsewhere; staff members in institutional quarters; and persons enumerated in missions, flophouses, Salvation Army shelters, railroad stations, etc.

Sex

The data on sex were derived from answers to question 3, which was asked of all persons.

Race

The data on race were derived from answers to question 4, which was asked of all persons. Both 100-percent and sample totals for racial groups are included in the tables of this report. For a discussion of the two data sources, see the section in this appendix on "Comparability Between Sample and 100 Percent Data for Racial Groups." The concept of race as used by the Census Bureau reflects self-identification by respondents; it does not denote any clear-cut scientific definition of biological stock. Since the 1980 census obtained information on race through self-identification, the data represent self-classification by people according to the race with which they identify. In this report, data are presented for housing units, house-

holds, and families 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; however, if a single response could not be provided for the person's mother, the first race reported by the person was used. This is a modification of the 1970 census procedure in which the race of the person's father was used.

The category "White" includes persons who indicated their race as White, as well as persons who did not classify themselves in one of the specific race categories listed on the questionnaire but entered a response such as Canadian, German, Italian, Lebanese, or Polish. In the 1980 census, persons who did not classify themselves in one of the specific race categories but marked "Other" and 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 on the questionnaire but reported entries such as Jamaican, Black Puerto Rican, West Indian, Haitian, or Nigerian.

The category "American Indian, Eskimo, and 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 reported such entries as Canadian Indian, French American Indian, or Spanish American Indian were classified as American Indian.

The category "Asian and Pacific Islander" in tables P5, P7, and H5, which are based on 100-percent tabulations, includes persons who indicated their race as Chinese, Filipino, Japanese, Asian Indian, Korean, Vietnamese, Hawaiian, Samoan, or Guamanian. The total for "Asian and Pacific Islander," which is available only from sample tabulations, is shown in tables P18, P19, and H15 and includes the nine groups listed above as well as persons classified as "Other Asian and Pacific Islander." The category "Other Asian and Pacific Islander" includes persons who provided write-in

entries of such Asian and Pacific Islander groups as Cambodian, Laotian, Pakistani, and Fiji Islander under the "Other" race category. Persons who did not classify themselves in one of the specific race categories but wrote in an entry indicating one of the nine categories listed above (e.g., Chinese and Filipino) were classified accordingly. For example, entries of Nipponese and Japanese American were classified as Japanese; entries of Taiwanese and Cantonese as Chinese, etc.

If the race entry was missing on the questionnaire for a member of a household, 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 Racial Groups—There may be differences in this report between the *totals* for the racial groups based on 100-percent tabulations (tables P2 through P5, P7, and H2 through H5) and sample tabulations (tables P12 through P19 and H9 through H16). Such differences are the result of sampling variability, nonsampling error, and an additional edit and review performed on the sample questionnaires. (For an explanation of sampling variability and nonsampling error, see Appendix D, "Accuracy of the Data.")

During the sample processing, the responses in the race question underwent more extensive review and edit than performed during the previous processing stages. Additional efforts were made to assign write-in entries to specific race categories and to resolve inconsistent and incomplete responses. The impact of this further work varies substantially by racial group and by geographic area, but is generally negligible. Most affected is the "Other" race category since a number of persons originally counted therein in the 100-percent tabulations were shifted into specific race categories in the sample tabulations. For instance, a number of persons who marked the "Other" race

category supplied a write-in entry (e.g., Canadian, Polish, Lebanese, Black Puerto Rican, or Jamaican) which indicated that they belonged in one of the specific race categories. Furthermore, persons in the "Other" category reported as Cambodian, Laotian, Thai, etc., were combined into a "Other Asian and Pacific Islander" category which, together with the specific Asian and Pacific Islander categories (e.g., Japanese, Chinese, Filipino, etc.), covers the entire Asian and Pacific Islander population. This total is obtainable only from the sample tabulations, not from the 100-percent tabulations.

Information now available indicates that, since the effects of the additional review and edit were generally limited and rather varied, the 100-percent tabulations are usually the preferable source for comparable data for racial groups. In the case of distributions for subjects covered only on a sample basis (e.g., education, labor force status, income, etc.) and data for the entire Asian and Pacific Islander population, 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—Differences between 1980 census and 1970 census population totals by race 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 counts and comparability for the "White" population and the "Race, n.e.c." or "Other" race population (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 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 Spanish origin persons reported their race as "Other" and only 58 percent reported "White." As a consequence of these differences, 1980 population totals for "White" and "Other" are not comparable with corresponding 1970 figures.

The 1980 count 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 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 Fiji Islander 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.

Age

The data on age were derived from answers to question 5, which was asked of all persons. Only the information in questions 5b and 5c (month and year of birth) was read into the computer. Answers to question 5a on age at last birthday were used during field review to fill in any blanks in question 5c. 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. The median ages shown in this report were computed from data for single years of age. If the median fell in the terminal category of an age distribution, the method of presentation was to show the initial age of the terminal

category followed by a plus sign; thus, if the median fell in the category "85 years and over," it is shown as "85+."

Marital Status

The data on marital status were derived from answers to question 6, which was asked of all persons. The marital status classification refers to the status at the time of enumeration. Persons classified as "now married" include those who have been married only once and have never been widowed or divorced as well as those currently married persons who remarried after having been widowed or divorced. Persons reported as separated are those living apart because of marital discord, with or without a legal separation. Persons in common-law marriages are classified as now married, persons whose only marriage had been annulled are classified as never married and all persons under 15 years old are classified as never married. All persons classified as never married are shown as "single" in this report.

Spanish/Hispanic Origin

The data on Spanish/Hispanic origin or descent were derived from answers to question 7, which was asked of all persons. Information on the Spanish origin population shown in this report is derived from both the 1980 census 100-percent and sample tabulations. For a discussion of the two data sources, see the section "Comparability Between Sample and 100-Percent Data for the Spanish Origin Population."

Persons of Spanish/Hispanic origin or descent are those who reported Mexican, Puerto Rican, Cuban or other Spanish/Hispanic origin in question 7. Persons who reported "other Spanish/Hispanic" origin were those whose origins are 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 viewed 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, households, and families classified by the

Spanish origin of the householder.

Persons of more than one type of Spanish origin and persons of both a Spanish and some other origin(s) who were in doubt as to how to report origin were classified according to the origin of the person's mother. If a single origin was not provided for the person's mother, the first reported origin of the person was recorded.

If any household member failed to respond to the Spanish/Hispanic origin question, in the 100-percent edit a response was assigned by computer according to the reported entries of other household members by using specific rules of precedence of household relationship. If origin was not entered for any household member (excluding a paid employee), origin was assigned from another household according to the race of the householder. The sample processing included more extensive edit procedures. For example, if any household member failed to respond to the Spanish/Hispanic origin question, a response was first assigned from available related information, such as ancestry and place of birth, reported for the individual. These edit procedures are a variation of the general allocation process described in Appendix D, "Accuracy of the Data."

Limitations of the Data—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 in the South (excluding Texas), the Northeast (excluding the New York City area), and a few States in the North Central Region. Also, results based on available data suggest that the impact of potential misreporting of Mexican origin in the 1980 census is severe in those portions of the above-mentioned regions where the Spanish origin population is generally sparse. However, 1980 census data on the Mexican origin population or total Spanish origin population, at the national level, are not seriously affected by the reporting problem. For a more detailed discussion of the evaluation of the Spanish origin item, see the 1980 population census Supplementary Reports, Series PC80-S1-7 "Persons of Spanish Origin by State: 1980."

Comparability Between Sample and 100-Percent Data for the Spanish Origin Population—There may be differences in this report between the total Spanish origin population based on 100-percent tabulations (tables P6, P7, and H6) and sample tabulations (tables P20, P21, H17, and H18). Such differences are the result of sampling variability, non-sampling error, and more extensive edit procedures for the Spanish/Hispanic origin item on the sample questionnaires. (For an explanation of sampling variability and nonsampling error, see 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 the Spanish origin population. In the case of distributions for subjects covered only on a sample basis (e.g., education, labor force status, income, 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—The 1980 data on Spanish origin are not directly comparable with those of 1970 because of several 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 improvement explain, in part, the large increase in the number of Hispanics over 1970. Also, these efforts undoubtedly resulted in the inclusion of a sizeable but unknown number of persons of 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 category "Central or South American" was deleted because in 1970 some respondents misinterpreted the category; furthermore, the designations "Mexican-American" and "Chicano" were added to the Spanish origin question in 1980. In the 1970 census, the question on Spanish origin was asked of only a 5-

percent sample of the population; in the 1980 census, the Spanish origin question was asked of everyone in the Nation.

School Enrollment

The data on school enrollment were derived from answers to questions 8, 9, and 10. Persons are classified as enrolled in school if they reported attending a regular school or college at any time between February 1, 1980, and the time of enumeration. Regular schooling is defined as nursery school, kindergarten, elementary school, and schooling which leads to a high school diploma or college degree. Schooling in trade or business schools, company training, or through a tutor was to be reported only if the course credits obtained were regarded as transferable to a regular elementary school, high school, or college. Children were to be reported as enrolled in nursery school if the school included instruction as an integral phase of its program but not if only custodial care was given. Children in Head Start programs were to be reported in nursery school or kindergarten as appropriate.

Elementary school, as defined here, includes grades 1 through 8, and high school includes grades 9 through 12. In general, a public school is defined as any school which is controlled and supported primarily by a local, State, or Federal government agency.

Years of School Completed

The data on years of school completed were derived from answers to questions 9 and 10. Persons whose education was received in a foreign school system or an ungraded school were instructed to report the approximate equivalent grade in the regular American school system. If a person was currently attending or did not finish (item 10) the highest grade attended (item 9), he or she was tabulated as having completed the previous grade or year.

If the person did not attend college but finished high school by an equivalency test (GED), the person was instructed to mark grade 12 (high school, 4 years).

"Percent high school graduates" includes persons who completed four years of high school as well as those who completed one or more years of college.

Nativity and Place of Birth

The data on nativity and place of birth were derived from answers to questions 11 and 12. The category "Native" comprises persons born in the United States, in Puerto Rico, or in an outlying area of the United States. Also included in this category is the small number of persons who were born abroad with at least one American parent. Persons not classified as native are classified as "foreign born."

Native persons are classified according to their State or area of birth. Respondents were instructed to report place of birth as the mother's usual State of residence at the time of the birth rather than as the location of the hospital, if the birth occurred in a hospital.

There may be slight differences between the data in this report on nativity and the place of birth and similar data shown in the Supplementary Reports, *Advance Estimates of Social, Economic, and Housing Characteristics*, PHC80-S2. Any such differences are a result of minor errors corrected after the release of the PHC80-S2 reports.

Language Spoken at Home and Ability to Speak English

The data on language spoken at home and ability to speak English were derived from answers to questions 13a, b, and c. Persons who responded in question 13a that they spoke a language other than English at home were asked to report what language they spoke (question 13b) and how well they could speak English (question 13c). Languages were coded using a detailed classification of languages. Ability to speak English was reported as one of four categories: "Very well," "Well," "Not well," or "Not at all."

The questions were intended to measure the extent to which non-English languages were currently being spoken in the United States and the number of persons who felt that their English ability was limited. The questions were not intended to determine which language was a person's main language, or whether a person was fluent in the non-English language that he or she reported. Therefore, persons who reported speaking a language other than English may have also spoken English at home and they may have been more fluent in English than in the non-English language.

There may be slight differences between the data in this report on language spoken at home and ability to speak English and similar data shown in the *Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas*, PHC80-3, reports and in the Supplementary Reports, *Advance Estimates of Social, Economic, and Housing Characteristics*, PHC80-S2. Any such differences are a result of minor errors corrected after the release of the PHC80-3 and the PHC80-S2 reports.

Ancestry

The data on ancestry were derived from the answers to question 14. The 1980 census marked the first time that a general question on ancestry (ethnicity) was asked in a decennial census. The question was based on self-identification and was open-ended (respondents were required to write their answers). Ancestry refers to a person's nationality group, lineage, or the country in which the person or the person's parents or ancestors were born before their arrival in the United States. Thus, persons reported their ancestry group regardless of the number of generations removed from their country of origin. Furthermore, responses to the ancestry question reflected the ethnic groups with which persons identified and not necessarily the degree of attachment or association the person had with the particular ethnic group(s).

Ancestry and race are separate characteristics; therefore, persons reporting a particular ancestry may be of any race. Ancestry is also different from other population characteristics that are sometimes regarded as indicators of ethnicity; namely, country of birth and language spoken at home.

A large number of persons reported their ancestry by specifying a single ancestry but some reported two, three, or more ancestry categories. All responses were coded manually by a procedure that allowed for identification of all single- and double-ancestry groups reported. In addition, 17 triple-ancestry categories were identified by unique codes (these categories were selected since they were reported frequently in Census Bureau surveys taken prior to the 1980 census). All other multiple responses were coded according only to the first and second ancestry categories reported.

In published tabulations, multiple groups are designated in general open-ended categories such as "Polish and other groups," rather than in specific multiple ancestry groups such as "Polish-Italian." A person who reported "Polish-Italian" ancestry, for example, is included in the category "Polish and other groups" and in the category "Italian and other groups." A few responses consisting of two terms (e.g., French-Canadian) were considered as a single group and, thus, were coded and tabulated as a single ancestry. In addition, persons reporting combinations of ancestries such as "German-Bavarian" were tabulated as a single ancestry (i.e., "German"). Also, responses such as "Polish-American" or "Italian-American" were coded and tabulated as a single entry (i.e., "Polish" or "Italian"). A sole entry of "American" is tabulated in the category "Ancestry not specified."

Entries of religious groups were not coded separately and were tabulated in the category "Ancestry not specified." When an ancestry response was missing, the person was tabulated as "not reported."

Residence in 1975

The data on residence in 1975 were derived from answers to questions 15a and 15b. Residence on April 1, 1975, is the usual place of residence 5 years before enumeration. The number of persons who were living in a different house in 1975 is somewhat less than the total number of moves during the 5 years. Some persons in the same house at the two dates had moved during the 5-year period but by the time of enumeration had returned to their 1975 residence. Other persons who were living in a different house had made one or more intermediate moves. For similar reasons, the number of persons living in a different county or a different SMSA understates the number of these kinds of moves.

Data on residence in 1975 are based on approximately one-half of the full census sample (see appendix D). Therefore, figures in tabulations involving residence in 1975 may differ from tabulations based on the full sample. For example, the number of persons 5 years old and over from residence in 1975

tabulations may not agree with other tabulations by age.

Work Disability

The data on disability status were derived from answers to question 19. Persons are identified as having a work disability if they had a health condition which had lasted 6 or more months and which limited the kind or amount of work they could do at a job. Persons with a work disability are further classified as "prevented from working" or "not prevented from working."

The term "health condition" refers to both physical and mental conditions. Temporary health problems are not considered a health condition.

Persons are considered limited in the kind or amount of work they could do if they were restricted in the kinds of jobs at which they were able to work or if they were unable to work at a full-time job.

Public Transportation Disability

Persons are identified as having a public transportation disability if they had a health condition which had lasted 6 or more months and which made it difficult or impossible for them to use buses, trains, subways, or other forms of public transportation.

Fertility (Children Ever Born)

The data on children ever born were derived from responses to question 20. The number of children ever born to a woman consists of all live births the woman has ever had, including any babies who have died (even shortly after birth) or who no longer live with her. Excluded are miscarriages and stillbirths and any of the woman's step-children, foster children, or children she has adopted.

Place of Work

The data on place of work were derived from answers to question 23, which was asked of persons who indicated in question 22 that they had worked at any time during the reference week (see below for definition of reference week). Data are tabulated for workers 16 years and over; i.e., members of the Armed Forces and civilians who were at work during the reference week. Place of work refers to the

geographic location at which workers carried out their occupational activities during the reference week. The exact address (number and street) of the place of work was asked, as well as the place (city, town, village, borough, etc.); whether or not the place of work was inside or outside its incorporated (legal) limits; and the county, state, and ZIP code. If the person's employer operated in more than one location, the exact address of the location or branch where the respondent worked was requested. When the number and street name could not be given, the building name or other physical location description was to be entered. Persons who worked at more than one location were asked to report the one at which they worked the greatest number of hours during the reference week. Persons who regularly worked in several locations during the reference week were requested to give the address at which they began work each day. For cases in which daily work was not begun at a central place each day, the person was asked to provide as much information as possible which described the area in which he or she worked most during the reference week.

Data on place of work are based on approximately one-half of the full census sample (see appendix D). Therefore, figures in tabulations involving place of work may differ from tabulations based on the full sample. For example, the number of workers 16 years and over from place-of-work tabulations may not agree with the same category shown for means-of-transportation-to-work tabulations.

In the Census Tracts reports covering tracted areas outside SMSA's, place-of-work locations are defined as "in county of residence" and "outside county of residence."

For the reports which present data for an SMSA, place-of-work locations are specified to show the main destinations of workers living in the SMSA. All place-of-work locations are defined with respect to the boundaries of the SMSA as "inside SMSA" and "outside SMSA." Locations within the SMSA are further divided into the central business district (CBD) of each central city, the remainder of each central city, and each county or county balance. Selected large incorporated places may also be specified as places of work. Within New England SMSA's, the places of work presented are

generally cities and towns. Locations outside the SMSA are specified if they are important commuting destinations for residents of the SMSA, and may include adjoining SMSA's and their central cities, their component counties, large incorporated places, or counties, cities, or other geographic areas outside any SMSA.

In the Census Tracts reports for SMSA's in New England; Honolulu, Hawaii; and certain other metropolitan areas, some place-of-work locations are identified as "areas" (e.g., Area 1, Area 5, Area 12, etc.). Such areas consist of groups of towns, cities and towns, census designated places (Honolulu SMSA only), or counties which have been defined as unique place-of-work destinations. The area number corresponds to the data item in tabulation P-B #34 of summary tape file 4 that is the source of that data line in the report. In those reports where place-of-work "areas" occur, a geographic equivalency list which gives the geographic components that make up each area is provided at the end of this appendix. Whenever an adjoining SMSA or SMSA remainder is specified as a place-of-work location, its components are not defined. However, the components may be found by referring to table 11 of the *Number of Inhabitants* report PC80-1-A, for the State in which the SMSA is located.

A central business district (CBD) is an area of very high land valuation characterized by a high concentration of retail businesses, service businesses, offices, theaters, and hotels, and by high traffic flow. CBD's consist of one or more whole census tracts, and have been defined only in SMSA central cities and other SMSA cities with populations of 50,000 or more. CBD's are designated by local Census Statistical Area Committees in consultation with the Census Bureau. Some eligible cities do not have a CBD because they chose not to participate in the CBD delineation program. In order to be counted as working in the CBD, a respondent had to provide enough information to allow the workplace to be coded to the census tract level. Since some respondents did not do this, the number of persons shown to be working in the CBD is usually understated by an unknown amount.

Persons were tabulated as working in an incorporated place if they reported working inside its legal limits, or reported

an incorporated place as their place of work without specifying whether or not they worked inside its legal boundaries. Persons who reported working outside the limits of an incorporated place were tabulated as working outside the place. For SMSA's in Alaska and Hawaii, census designated places (CDP's) may appear as places of work. Persons who reported a CDP—a place with no legal boundaries—as their place of work were tabulated as working in that place regardless of their response on the incorporated limits question. The accuracy of place-of-work data for certain CDP's may be affected by the extent to which their census names were familiar to respondents and by coding problems caused by similarities between the CDP name and the names of other geographic jurisdictions in the same vicinity.

For SMSA's in the New England States, place-of-work data are given for selected minor civil divisions (cities and towns), based on the responses to the place-of-work question. Many New England towns are regarded locally as equivalent to a place and were, therefore, reported as the place of work. When a respondent reported a locality or incorporated place that forms part of a town, the coding and tabulating procedure was designed to include the response in the total for the town. The data for some New England towns may be affected by coding problems resulting from unfamiliarity among respondents with the town in which the workplace was located or when a town and a city of the same or similar name are located close together.

Means of Transportation to Work

The data on means of transportation to work were derived from answers to questions 24b, 24c, and 24d which were asked of persons who indicated in question 22 that they had worked at any time during the reference week (see below for definition of reference week). Means of transportation to work refers to the principal mode of travel or type of conveyance that the person usually used to get from home to work during the reference week. Persons who used different means of transportation on different days of the week were asked to specify the one they used most often. Persons who used more than one means of transportation to get to work each day were asked to report

the one used for the longest distance during the work trip. The category "private vehicle" includes workers using a car (including company cars but excluding taxicabs), a truck of 1-ton capacity or less, or a van. The category "public transportation" includes workers who used a bus or streetcar, subway or elevated train, railroad, or taxicab.

A question on carpooling (question 24c) was asked of all workers who reported their means of transportation to work as "car," "truck," or "van." The category "drive alone" includes persons who usually drove alone to work, as well as persons who were driven to work by someone who then drove back home or to a nonwork destination. The category "carpool" includes workers who reported that they usually shared driving, drove others, or rode as a passenger during the reference week.

The means of transportation data for some areas in this report may show workers using modes of public transportation that are not available in those areas (e.g., subway or elevated riders in an SMSA or portion of a State where there actually is no subway or elevated service). This result is attributable to persons who worked during the reference week at a location that was different from their usual place of work (such as persons away from home on business in an area where subway service was available), and persons who used more than one means of transportation each day but whose principal means was not available where they lived (for example, residents of nonmetropolitan areas who drove to the fringe of an SMSA and took the commuter railroad most of the distance to work).

Private Vehicle Occupancy

The data on private vehicle occupancy were derived from answers to question 24d, which was asked of persons who indicated in question 22 that they had worked at any time during the reference week (see below for definition of reference week), and who reported in question 24c that they usually shared driving, drove others, or rode as a passenger in a car, truck, or van. Private vehicle occupancy refers to the number of persons who usually rode to work in the vehicle during the reference week. The measure "persons per private vehicle" is obtained by dividing the number of persons who

reported using a car, truck, or van to get to work by the number of such vehicles that they used. The number of vehicles used is derived by counting each person who drove alone as one vehicle, each person who reported being in a two-person carpool as one-half vehicle, each person who reported being in a three-person carpool as one-third vehicle, and so on, and then summing all the vehicles.

Travel Time to Work

The data on travel time to work were derived from answers to question 24a, which was asked of persons who indicated in question 22 that they had worked at any time during the reference week (see below for definition of reference week). Travel time to work refers to the total number of minutes that it usually took the person to get from home to work during the reference week. The elapsed time includes time spent waiting for public transportation, picking up passengers in carpools, or time spent in other activities related to getting to work.

Reference Week

The data on labor force status and journey to work relate to the calendar week preceding the date on which the respondents completed their questionnaires or were interviewed by enumerators. This week is not the same for all respondents because not all persons were enumerated during the same week.

Labor Force Status

The data on labor force status were derived from answers to questions 22, 25, and 26. The "labor force" includes all persons in the civilian labor force plus members of the Armed Forces (persons 16 years old and over on active duty with the U.S. Army, Navy, Air Force, Marine Corps, or Coast Guard). The "civilian labor force" consists of persons classified as employed or unemployed in accordance with the criteria described below.

All persons 16 years old and over who are not classified as members of the labor force are defined as "not in labor force." This category consists mainly of students, housewives, retired workers, seasonal workers enumerated in an "off" season who were not looking for work, inmates of institutions, disabled persons, and per-

sons doing only incidental unpaid family work (less than 15 hours during the reference week).

Employed—Employed persons include all civilians 16 years old and over who were either (a) "at work"—those who did any work at all during the reference week as paid employees or in their own business or profession, or on their own farm, or who worked 15 hours or more as unpaid workers on a family farm or in a family business; or (b) were "with a job but not at work"—those who did not work during the reference week but had jobs or businesses from which they were temporarily absent due to illness, bad weather, industrial dispute, vacation, or other personal reasons. Excluded from the employed are persons whose only activity consisted of work around the house or volunteer work for religious, charitable, and similar organizations.

Unemployed—Persons are classified as unemployed if they were civilians 16 years old and over and (a) were neither "at work" nor "with a job but not at work" during the reference week, (b) were looking for work during the last 4 weeks, and (c) were available to accept a job. Also included as unemployed are persons who did not work at all during the reference week and were waiting to be called back to a job from which they had been laid off.

Industry and Occupation

The data on industry and occupation were derived from answers to questions 28 and 29, respectively, and are shown here for employed persons 16 years old and over. For persons who worked at two or more jobs, the data refer to the job at which the person worked the greatest number of hours. The industry and occupation statistics are based on the detailed classification systems developed for the 1980 census. The 1980 industry classification is based on the U.S. Standard Industrial Classification (SIC) and is similar to the 1970 system; the 1980 occupation classification is based on the new U.S. Standard Occupational Classification (SOC). This report shows major occupation groups and selected industry groups. The relationship between these groups and more detailed categories found in other reports will be shown in the PC80-1-C and PC80-1-D reports.

Class of Worker

The data on class of worker were derived from answers to question 30. The information on class of worker refers to the same job as a respondent's industry and occupation. The definitions of the class of worker categories shown in this report are as follows:

Private Wage and Salary Workers—Private wage and salary workers are persons who work for a private employer for wages, salary, commission, tips, pay-in-kind, or at piece rates.

Government Workers—Government workers are employees of any Federal, State, or local governmental unit, regardless of the activity of the particular agency.

Self-employed Workers—Self-employed workers are those who work for profit or fees in their own unincorporated business, profession, or trade or who operate a farm.

Labor Force Status in 1979

The data on labor force status in 1979 were derived from answers to question 31. Persons 16 years old and over are classified as "in labor force in 1979" if they worked in 1979 or had any weeks of unemployment in 1979, in accordance with the criteria for weeks worked in 1979 and weeks of unemployment in 1979 as described below.

Worked in 1979—Persons 16 years old and over who worked 1 or more weeks in 1979 in accordance with the criteria described below are classified as "worked in 1979."

The data on weeks worked in 1979 pertain to the number of weeks during 1979 in which persons 16 years old and over did any work for pay or profit (including weeks on paid vacation or on paid sick leave) or worked without pay on a family farm or in a family business, or were on active duty in the Armed Forces.

Persons 16 years old and over who reported that they usually worked 35 or more hours each week during the weeks they worked are classified as "usually worked full-time;" persons who reported that they usually worked 1 to 34 hours are classified as "usually worked part-time."

With Unemployment in 1979—Persons 16 years old and over who had 1 or more

weeks of unemployment in 1979 in accordance with the criteria described below are classified as "with unemployment in 1979."

The data on weeks of unemployment in 1979 pertain to the number of weeks during 1979 in which persons 16 years old and over did not work but spent time looking for work (i.e., trying to get a job or start a business or professional practice) or on layoff from a job. Excluded are any weeks in which the person worked, even for 1 hour; or any weeks for which the person received any wages or salary; or in which the person was on active duty in the Armed Forces, on paid vacation, or on paid leave.

Income in 1979

The data on income in 1979 were derived from answers to questions 32 and 33. Information on money income received in the calendar year 1979 was requested from persons 15 years old and over. "Total income" is the algebraic sum of the amounts reported separately for wage and salary income; nonfarm net self-employment income; farm net self-employment income; interest, dividend, royalty, or net rental income; Social Security or Railroad Retirement income; public assistance or welfare income; and all other income. The figures represent the amount of income received regularly before deductions for personal income taxes, Social Security, bond purchases, union dues, medicare deductions, etc.

"Wage or salary income" is defined as the total money earnings received for work performed as an employee at any time during the calendar year 1979. It includes wages, salary, pay from Armed Forces, commissions, tips, piece rate payments, and cash bonuses earned. "Non-farm net self-employment income" is defined as net money income (gross receipts minus business expenses) received from a business, professional enterprise, or partnership in which the person was engaged on his or her own account. "Farm net self-employment income" is defined as the net money income (gross receipts minus operating expenses) received from the operation of a farm by a person on his or her own account, as an owner, renter, or sharecropper. "Earnings" is defined as the algebraic sum of wage or salary income and net income from nonfarm and farm self-employment.

"Interest, dividend, royalty, or net rental income" includes interest on savings or bonds, dividends from stockholdings or membership in associations, net royalties, and net income from rental of property to others and receipts from boarders or lodgers. "Social Security income" includes Social Security pensions and survivors' benefits and permanent disability insurance payments made by the Social Security Administration, prior to deductions for medical insurance, and railroad retirement insurance checks from the U.S. Government. "Medicare" reimbursements are not included. "Public assistance" or public welfare income includes (1) supplementary security income payments made by Federal, State, or local welfare agencies to low income persons who are aged (65 years old or over), blind, or disabled, (2) aid to families with dependent children, and (3) general assistance. Separate payments received for hospital or other medical care (vendor payments) are excluded from this item. "Income from all other sources" includes unemployment compensation, veterans' payments, public or private pensions, alimony or child support, workers' compensation, periodic payments from estates and trust funds, periodic receipts from annuities or insurance, contributions received periodically from persons not living in the household, military family allotments, net gambling winnings, and other kinds of periodic income other than earnings.

Receipts from the following sources were not included as income: money received from 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, employers' 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 characteristics of persons and the composition of households and families refer to the time of enumeration (April 1, 1980). However, the composition of most households and families was the same during 1979 as in April 1980.

The median income is the amount

which divides the distribution into two equal groups, one having incomes above the median and the other having incomes below the median. For households, families, and unrelated individuals the median income is based on the distribution of the total number of units including those with no income. The median income values for all households, families, and unrelated individuals are computed on the basis of more detailed income intervals than shown in this report. Median income figures of \$30,000 or less are generally calculated using linear interpolation; all other median income amounts are derived through Pareto interpolation. For a detailed description of these interpolation procedures, see appendix B to the Current Population Reports, Series P-60, No. 129, *Money Income of Families and Persons in the United States: 1979*.

The mean income is the amount obtained by dividing the total income of a particular statistical universe by the number of units in that universe. Thus, mean household income is obtained by dividing total household income by the total number of households. For the various types of income the means are based on households having those types of income.

Per capita income is the mean income computed for every man, woman, and child in a particular group. It is derived by dividing the total income of a particular group by the total population in that group.

Care should be exercised in using and interpreting mean or per capita values in the statistics for small areas or small subgroups of the population. Since the mean and per capita income amounts are strongly influenced by extreme values in the distribution, they are especially susceptible to the effects of sampling variability, misreporting, and processing errors. The median, which is not affected by extreme values, is therefore a better measure than the mean or per capita when the population base is small.

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

after the release of the PHC80-3 and the PHC80-S2 reports.

Poverty Status in 1979

Families and unrelated individuals are classified as being below or above the poverty level based on income in 1979 using a poverty index which provides a range of income cutoffs or "poverty thresholds" varying by size of family, number of children, and age of the family householder or unrelated individual. The poverty thresholds 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 7 or more persons to 9 or more persons. The income cutoffs are updated each year to reflect the change in the Consumer Price Index. The poverty threshold for a family of four was \$7,412 in 1979; thresholds by size of family are shown below.

Weighted Average Poverty Thresholds: 1979

Size of family	Threshold
1 person (unrelated individual).....	\$3,686
Under 65 years.....	3,774
65 years and over.....	3,479
2 persons.....	4,723
Householder under 65 years....	4,876
Householder 65 years and over.....	4,389
3 persons.....	5,787
4 persons.....	7,412
5 persons.....	8,776
6 persons.....	9,915
7 persons.....	11,237
8 persons.....	12,484
9 or more persons.....	14,812

There may be slight differences between the data in this report on poverty status in 1979 and similar data shown in the *Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas*, PHC80-3, reports 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.

Persons for Whom Poverty Status is Determined—Poverty status is determined for all persons except inmates of institutions, persons in military group quarters and in college dormitories, and unrelated

individuals under 15 years. For a detailed explanation of the poverty definition, see Current Population Reports, Series P-60, No. 133, *Characteristics of the Population Below the Poverty Level: 1980*.

Specified Poverty Level—Because the poverty definition currently in use by the Federal Government does not meet all the needs of the analysts of the data, some of the data are presented for alternate definitions ranging from 75 percent to 200 percent of the current poverty level. These specified poverty levels are obtained by multiplying the income cutoffs at the poverty level by the appropriate factor. For example, the income cutoff at 125 percent of the poverty level was \$9,265 in 1979 for a family of four persons.

HOUSING CHARACTERISTICS

Living Quarters

Living quarters are classified in the census as either housing units or group quarters. Usually, living quarters are in structures intended for residential use (e.g., a one-family home, apartment house, hotel or motel, boarding house, mobile home or trailer). However, living quarters may also be in structures intended for nonresidential 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 those in Group Quarters as described in the next paragraph). For vacant units, the criteria of separateness and direct access are applied to the intended occupants whenever possible. If that information cannot be

obtained, the criteria are applied to the previous occupants. Both occupied and vacant housing units are included in the housing unit inventory except that boats, tents, vans, caves, and the like are included only if they are occupied as someone's usual place of residence. Vacant mobile homes are included, provided they are intended for occupancy on the site where they stand. Vacant mobile homes on dealers' sales lots, at the factory, or in storage are excluded from the housing inventory.

Comparability With 1970 Census Housing Unit Data—Although the 1980 census data are generally comparable with 1970 census data, certain changes were introduced for 1980. The part of the 1970 housing unit definition that required a unit to have either (1) direct access or (2) complete kitchen facilities was modified. For 1980, the complete kitchen facilities alternative was dropped, and direct access was required of all housing units. In addition, in 1970, living quarters occupied by five or more persons unrelated to the head of the household or by six or more unrelated persons were not considered to be housing units but group quarters. In 1980, however, this requirement was changed and, living quarters occupied by a group of 9 or more persons unrelated to the householder or by 10 or more unrelated persons were considered to be group quarters. Thus, some living quarters classified as group quarters in 1970 would be classified as housing units in 1980. In 1970, vacant mobile homes were not counted as housing units. For 1980, they were included in the housing inventory provided they were intended for occupancy on the site where they stood.

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. Counts of the total housing inventory, however, are given for each area presented in this report.

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. In tabulations of data collected of all units, by definition, the count of occupied housing units is the same as the count of households. In tabulations presenting data from a sample of the housing units, there may be small differences in the counts resulting from processing procedures used to inflate the population and housing sample data.

Year Householder Moved Into Unit—Data presented for this item are based on the information 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.

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 storage of business supplies or inventory, machinery, or agricultural products.

Type of Vacant Unit—Vacant housing units are classified in this report as either "seasonal and migratory" or "year-round." "Seasonal" units are intended for occupancy during only certain seasons of the year. Included are units intended for recreational use, such as beach cottages and hunting cabins; units offered to vacationers in the summer for summer sports or in the winter for winter sports; and vacant units held for herders and loggers. "Migratory" units are vacant units held for occupancy by migratory labor employed in farm work during the crop season. "Year-round" vacant housing units are available or intended for occupancy at any time of the year. A unit in a resort area which is usually occupied on a year-round basis is considered as year-round. A unit used only occasionally throughout the year is also considered as year-round.

Vacancy Status—Year-round vacant units are subdivided according to their vacancy status as follows:

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

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

Rented or sold, awaiting occupancy. If any money rent has been paid or agreed upon but the new renter has not moved in as of the date of enumeration, or if the unit has recently been sold but the new owner has not yet moved in, the year-round vacant unit is classified as "Rented or sold, awaiting occupancy."

Held for occasional use. This category consists of vacant year-round units which are held for weekend or other

occasional use throughout the year. Shared ownership or time-sharing condominiums are also classified as "Held for occasional use." Homes reserved by their owners as second homes usually fall in this category, although some second homes may be classified as "seasonal."

Other vacant. If a vacant year-round unit does not fall into any of the classifications specified above, it is classified as "Other vacant." This category includes units held for settlement of an estate, units held for occupancy by a caretaker or janitor, and units held for personal reasons of the owner.

Boarded-Up Status—Boarded-up units refer to vacant structures in which the windows and doors are covered by wood, metal, or similar materials to protect the interior, and to prevent entry into the building. A single-unit structure or a unit(s) in a multi-unit structure may be boarded up in this way. In this report, data for boarded-up units are only shown for units in the "Other vacant" category.

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. 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.

Utilization, Structural, and Plumbing Characteristics

Persons in Unit—All persons occupying the housing unit are included. These persons include not only occupants related

to the householder but also any lodgers, roomers, boarders, partners, roommates, wards, foster children, and resident employees who share the living quarters of the householder. The data on "persons in unit" show the number of housing units occupied by the specified number of persons.

Medians for persons are rounded to the nearest hundredth. In computing medians for persons per housing unit, the whole number is used as the midpoint of the interval so that, for example, the category "3 persons" is treated as an interval ranging from 2.50 up to 3.50 persons.

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

Medians for rooms are rounded to the nearest tenth. In computing medians for rooms, 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.

Persons Per Room—"Persons per room" is a derived measure obtained by dividing the number of persons in each occupied housing unit by the number of rooms in the unit. The figures shown refer, therefore, to the number of occupied housing units having the specified ratio of persons per room.

Bedrooms—The number of bedrooms in the unit is the count of rooms used mainly for sleeping, even if also used for other purposes. Rooms reserved for sleeping, such as guest rooms, even though used infrequently, are counted as bedrooms. On the other hand, rooms used mainly for other purposes, even though used also for sleeping, such as a living

room with a sofa bed, are not considered bedrooms. A housing unit consisting of only one room, such as a one-room efficiency apartment, is classified, by definition, as having no bedroom.

Kitchen Facilities—A unit has complete kitchen facilities when it has all of the following: (1) an installed sink with piped water, (2) a range or cookstove, and (3) a mechanical refrigerator. All kitchen facilities must be located in the structure. They need not be in the same room. Quarters with only portable cooking equipment are not considered as having a range or cookstove. An icebox is not considered to be a mechanical refrigerator.

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.

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. Included in the count of mobile homes or trailers are units classified as boats, tents, vans, etc.

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.

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.

Bathrooms—A complete bathroom is a room with a flush toilet, bathtub or shower, and a wash basin with piped hot and cold water for the exclusive use of the occupants of the housing unit. (Although the instructions on the questionnaire do not specify that a complete bathroom must have hot water, this requirement was applied during the processing of the data in an edit combining the items on complete bathrooms and complete plumbing facilities for the exclusive use of the household.) A half-bathroom has at least a flush toilet or a bathtub or shower for exclusive use, but does not have all the facilities for a complete bathroom. The equipment must be inside the unit being enumerated.

Source of Water—Housing units may receive their water supply from a number of sources. A common source supplying water to six or more units is classified as a "Public system or private company." The water may be supplied by a city, county, water district, water company, etc., or it may be obtained from a well which supplies water to six or more housing units.

Sewage Disposal—Housing units are either connected to a public sewer, to a septic tank or cesspool, or they dispose of sewage by other means. A public sewer may be operated by a government body or by a private organization. Small sewage treatment plants, which in some localities are called neighborhood septic tanks, are also classified as public sewers.

Equipment and Fuels

Heating Equipment—Housing units use specific types of heating equipment as their primary source of heat. The categories for types used are: (1) a steam or hot water system; (2) a central warm-air furnace with ducts to the individual rooms; (3) an electric heat pump; (4) other built-in electric units which are

permanently installed in the floors, walls, ceilings, or baseboards, and are a part of the electrical installation of the building; and (5) other means which include a floor, wall, or pipeless furnace; 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. 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.

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 into one category, "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.

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 1-ton capacity or less, as well as station wagons, company cars, and taxicabs kept at home for the 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 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.

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 households with vans or trucks of 1-ton capacity or less, kept at home for use of members of the household.

Telephone in Housing Unit—A unit is classified as having a telephone if there is a telephone in the living quarters. Units where the respondent uses a telephone located inside the building but not in the respondent's living quarters are classified as having no telephone.

Comparability With 1970 Census Telephone Available Data—In 1970, the question on telephone availability was collected on a 100-percent basis. A housing unit was classified as having a telephone if the household had a telephone on which it could be called, whether it was in another unit, in a common hall, in another building, or shared by another household. For 1980, for a housing unit to be classified as having a telephone, the telephone had to be inside the respondent's living quarters.

Fuels Used for House 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. The category "Other" includes any other fuel such as purchased steam, coal dust, briquettes made of pitch and sawdust, waste materials such as corncobs, etc.

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. Value data are presented for "specified owner-occupied" housing units, which are limited to owner-occupied one-family houses on less than 10 acres without a commercial establishment or medical office on the property. Mobile homes, trailers, boats, tents, or vans occupied as a usual residence, and owner-occupied non-condominium units in multi-family buildings are also excluded from the value tabulations. Value was also collected for owner-occupied condominium housing units, but such units are excluded from the tables showing value in this report.

Medians for value are rounded to the nearest hundred dollar. If the median falls in the category "Less than \$10,000," it is shown as "\$10,000-." If the median falls in the category "\$200,000 or more," it is shown as "\$200,000+."

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 are shown for units "With a mortgage" and for units "Not mortgaged." Selected monthly owner costs are 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.). Medians for selected monthly owner costs are rounded to the nearest dollar.

Household Income in 1979 by Selected Monthly Owner Costs as Percentage of Income—The 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."

Contract Rent—Contract rent is the monthly rent agreed to, or contracted for, regardless of any furnishings, utilities, or services that may be included. The statistics on rent are tabulated for "specified renter-occupied" housing units which include renter-occupied housing 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.

This report presents data only on median contract rent, without any tabulation by rent categories. Medians for contract rent are rounded to the nearest dollar. In computing median contract rent, units reported as "No cash rent" are excluded.

Gross Rent—The statistics on rent are tabulated for "specified renter-occupied" housing units which include renter-occupied housing units except one-family houses on 10 or more acres. 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. Renter units occupied without payment of cash rent are shown separately as "No cash rent" in the tabulations. This report presents data on medians for gross rent rounded to the nearest dollar. In computing median gross rent, units reported as "No cash rent" are excluded.

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

Appendix C.—General Enumeration and Processing Procedures

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USUAL PLACE OF RESIDENCE

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

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

Armed Forces

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

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

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

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

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

Crews of Merchant Vessels

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

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

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

Persons Away at School

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

Persons in Institutions

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

Persons Away From Their Residence on Census Day

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

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

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

Americans Abroad

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

Citizens of Foreign Countries

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

DATA COLLECTION PROCEDURES

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

was also available in narrative translation in 32 languages.

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

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

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

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

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

PROCESSING PROCEDURES

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

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

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

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

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INTRODUCTION

The data presented in tables P-1 through P-7 and tables H-1 through H-6 of this publication are based upon complete-count data and the data tabulated in tables P-8 through P-21 and tables H-7 through H-18 are based on the 1980 census sample. The data in tables P-8 through P-21 and tables H-7 through H-18 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. Nonsampling error, therefore, affects both the complete-count data in tables P-1 through P-7 and tables H-1 through H-6 and the sample data in tables

P-8 through P-21 and tables H-7 through H-18. 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 United States was enumerated on a questionnaire that requested certain basic demographic information (e.g., age, race, relationship), 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 places, 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 places. 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 about 95 percent of the country, the census was taken by the mailout/mailback procedure. For these areas, the Bureau of the Census either purchased a commercial mailing list which was updated and corrected by Census Bureau field staff, or prepared a mailing list by canvassing and listing each address in the area prior to Census Day. These lists were computerized, and every sixth unit (for 1-in-6 areas) or every second unit (for 1-in-2 areas) was designated as a sample

unit by computer. Both of these lists were also corrected by the Post Office.

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

In order to reduce the cost of processing, a scheme was designed, while the sample questionnaires were being processed, to select a sample of questionnaires on which the place of work and migration data items would be coded. The sample questionnaires were processed by work units consisting of 1980 census ED's. In work units (ED's) where the place of work and migration data items had not yet been coded, every other sample questionnaire within the work unit was selected for these coding operations. In work units where the place of work and migration data items already had been coded, all sample questionnaires were included in the tabulation.

ERRORS IN THE DATA

Since the data in tables P-8 through P-21 and tables H-7 through H-18 in this publication are based on a sample, they may differ somewhat from complete-count figures that would have been obtained if all housing units, persons within those housing units, and persons living in group quarters had been enumerated using the

same questionnaires, instructions, enumerators, etc. The deviation of a sample estimate from the average of all possible samples is called the sampling error. The standard error of a survey estimate is a measure of the variation among the estimates from the possible samples and thus is a measure of the precision with which an estimate from a particular sample approximates the average result of all possible samples. The sample estimate and its estimated standard error permit the construction of interval estimates with prescribed confidence that the interval includes the average result of all possible samples. The method of calculating standard errors and confidence intervals for the data in this report is given below.

In addition to the variability which arises from the sampling procedures, both sample data and complete-count data are subject to nonsampling error. Nonsampling error may be introduced during each of the many extensive and complex operations used to collect and process census data. For example, operations such as editing, reviewing, or handling questionnaires may introduce error into the data. A more detailed discussion of the sources of nonsampling error is given in the section on "Control of Nonsampling Error" in this appendix.

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

Calculation of Standard Errors

Totals and Percentages—Tables A through D in this appendix contain the information necessary to calculate the standard errors of sample estimates in this report. In order to perform this calculation, it is necessary to know the unadjusted standard error for the characteristic, given in table A or B, that would result under a simple random sample design (of persons, families, or

housing units) and estimation technique; the adjustment factor for the particular characteristic estimated, given in table C; and the number of persons or housing units in the tabulation area and the percent of these in sample, given in table D. The adjustment factors reflect the effects of the actual sample design and complex ratio estimation procedure used for the 1980 census.

To calculate the approximate standard error of an estimate, follow the steps given below:

- Obtain the unadjusted standard error from table A or B (or from the formula given below the table) for the estimated total or percentage, respectively.
- Find the geographic area with which you are working in table D and obtain the person or housing unit "percent in sample" figure for this area. Use the person "percent in sample" figure for person and family characteristics and the housing unit figure for housing unit characteristics.
- Use table C to obtain the factor for the characteristic (e.g., air-conditioning, school enrollment) 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 formulas below tables A and B, the unadjusted standard errors of zero estimates or of very small estimated totals or percentages approach zero. This is also the case for very large percentages or estimated totals that are close to the size of the tabulation areas to which they correspond. These estimated totals and percentages are, nevertheless, still subject to sampling and nonsampling variability, and an estimated standard error of zero (or a very small standard error) is not appropriate.

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

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

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

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

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

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

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

An approximation to the standard error of the mean may be obtained as follows: compute the variance of the distribution on which the mean is based; multiply this value by five and divide the product by the total count of units in the distribution; obtain the square

root of this quotient and multiply the result by the adjustment factor from table C that is appropriate for the characteristic on which the mean is based.

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

Confidence Intervals

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

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

(2) Approximately 95 percent of the intervals from two estimated standard errors below the estimate to two estimated standard errors above the estimate would contain the average result from all possible samples.

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

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

Confidence intervals may also be constructed for the difference between two sample figures. This is done by computing the difference between these figures, obtaining the standard error of the difference (using the formula given earlier), and then forming a confidence interval for this estimated difference as above. One can then say with specified confidence that this interval includes the difference that would have been obtained by averaging the results from all possible samples.

The estimated standard errors given in this report do not include all portions of the variability due to nonsampling error that may be present in the data.

The standard errors reflect the effect of simple response variance, but not the effect of correlated errors introduced by enumerators, coders, or other field or processing personnel. 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 PHC80-3, *Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas* or PC80-1-C, *General Social and Economic Characteristics*, 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 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

Group Persons in Housing Units With a Family With Own Children Under 18

- 1 2 persons in housing unit
- 2 3 persons in housing unit
- 3 4 persons in housing unit
- 4 5 to 7 persons in housing unit
- 5 8 or more persons in housing unit

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

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

Stage III—Age/Sex/Race/Spanish Origin

Group White Race

Persons of Spanish Origin Male

- 1 0 to 4 years of age
- 2 5 to 14 years of age
- 3 15 to 19 years of age
- 4 20 to 24 years of age
- 5 25 to 34 years of age
- 6 35 to 44 years of age
- 7 45 to 64 years of age
- 8 65 years of age or older

Female

- 9-16 Same age categories as groups 1 to 8

17-32 *Persons Not of Spanish Origin*
Same age and sex categories as groups 1 to 16

33-64 *Black Race*
Same age-sex-Spanish origin categories as groups 1 to 32

65-96 *Asian, Pacific Islander Race*
Same age-sex-Spanish origin categories as groups 1 to 32

97-128 *Indian (American) or Eskimo or Aleut Race*
Same age-sex-Spanish origin categories as groups 1 to 32

129-160 *Other Race (includes those races not listed above)*
Same age-sex-Spanish origin categories as groups 1 to 32

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

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

As the final step, the initial weights underwent three stages of ratio adjustment which used the groups listed above. At the first stage, the ratio of the complete-census count to the sum of the initial weights for each sample person was computed for each stage I group. The initial weight assigned to each person in a group was then multiplied by the stage

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

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

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

OCCUPIED HOUSING UNITS

Stage I—Type of Household

Group Housing Units With a Family With Own Children Under 18

- 1 2 persons in housing unit
- 2 3 persons in housing unit
- 3 4 persons in housing unit

Appendix D.—Accuracy of the Data

4	5 to 7 persons in housing unit	82	\$60 to \$99
5	8 or more persons in housing unit	83	\$100 to \$149
		84	\$150 to \$199
	<i>Housing Units With a Family Without Own Children Under 18</i>	85	\$200 to \$249
		86	\$250 to \$299
6-10	2 persons in housing unit through 8 or more persons in housing unit	87	\$300 to \$399
		88	\$400 to \$499
		89	\$500+
	<i>All Other Housing Units</i>	90	Other Renter
		91	No Cash Rent
11	1 person in housing unit		<i>Persons not of Spanish origin</i>
12-16	2 persons in housing unit through 8 or more persons in housing unit	92-102	Same rent categories as groups 81 to 91
Stage II—Tenure/Race and Origin of Householder/Value or Rent			
		103-124	<i>Black Race</i> Same rent—Spanish origin categories as groups 81 to 102
<i>Group</i>	<i>Owner</i>		<i>Asian, Pacific Islander Race</i>
	<i>White Race (householder)</i>		
	<i>Persons of Spanish Origin (householder)</i>	125-146	Same rent—Spanish origin categories as groups 81 to 102
	<i>Value of House</i>		
1	\$0 to \$9,999		<i>Indian (American) or Eskimo or Aleut Race</i>
2	\$10,000 to \$19,999		
3	\$20,000 to \$24,999		
4	\$25,000 to \$49,999	147-168	Same rent—Spanish origin categories as groups 81 to 102
5	\$50,000 to \$99,999		
6	\$100,000 to \$149,999		
7	\$150,000+		
8	Other Owners		<i>Other Race (includes those races not listed above)</i>
	<i>Persons Not of Spanish Origin</i>	169-190	Same rent—Spanish origin categories as groups 81 to 102
9-16	Same value categories as groups 1 to 8		
	<i>Black Race</i>		
17-32	Same value—Spanish origin categories as groups 1 to 16		
	<i>Asian, Pacific Islander Race</i>		
33-48	Same value—Spanish origin categories as groups 1 to 16		
	<i>Indian (American) or Eskimo or Aleut Race</i>		
49-64	Same value—Spanish origin categories as groups 1 to 16		
	<i>Other Race (includes those races not listed above)</i>		
65-80	Same value—Spanish origin categories as groups 1 to 16		
	<i>Renter</i>		
	<i>White Race</i>		
	<i>Persons of Spanish Origin Rent Categories</i>		
81	\$1 to \$59		

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 housing units or persons to be entirely missed by the census. This undercoverage of persons and housing units can introduce biases into the data. Several extensive programs that were developed to focus on this important problem are explained below.

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

VACANT HOUSING UNITS

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

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

- A recheck of housing 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 housing unit. In addition, respondents' answers were edited for completeness and consistency and followed up as necessary. For example, if labor force items were incomplete for a person 15 years and over, long-form field edit procedures would recognize the situation, and a followup attempt to obtain the information would be made.

The enumerator may misinterpret or otherwise incorrectly record information given by a respondent, may fail to collect some of the information for a person or housing unit; or may collect data for housing units 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 housing units 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 num-

ber 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 followup operations aimed at obtaining a response for every question. Characteristics for the nonresponse 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 in more detail below.

EDITING OF UNACCEPTABLE DATA

The objective of the processing operation is to produce a set of statistics that describes the housing inventory and population 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 editing, the configuration of marks on the questionnaire column was scanned electronically to determine whether it contained information for a person or a housing unit or merely spurious marks. If the column contained entries for at least two of the basic characteristics (relationship, sex, race, age, marital status, Spanish origin), the inference was made that the marks represented a person. In cases in which two or more basic characteristics

were available for only a portion of the people in the unit, other information on the questionnaire provided by an enumerator was used to determine the total number of persons. Names were not used as a criterion of the presence of a person because the electronic scanning did not distinguish any entry in the name space.

If any characteristic for a person or a housing unit was still missing when the questionnaires reached central processing, they were supplied by allocation. Allocations, or assignments of acceptable codes in place of unacceptable entries, were needed most often when there was no entry for a given item or when the information reported for a person or housing unit on that item was inconsistent with other information for the person or housing unit. As in previous censuses, the general procedure for changing unacceptable entries was to assign an entry for a person or housing unit that was consistent with entries for other persons or units with similar characteristics. Thus, a person who was reported as a 20-year-old son of the householder, but for whom marital status was not reported, was assigned the same marital status as that of the last son processed in the same age group. The assignment of acceptable codes in place of blanks or unacceptable entries enhances the usefulness of the data.

The editing process for complete-count data also includes another type of correction; namely, the assignment of a full set of characteristics for a person or a housing unit. When there was indication that a housing unit was occupied but the questionnaire contained no information for all or most of the people, although persons were known to be present or when there was no information on the housing unit, a previously processed household was selected as a substitute, and the full set of characteristics for each substitute person or housing unit was duplicated. These duplications fall into two classes: (1) "substitution for mechanical failure," e.g., when the questionnaire page was not properly microfilmed, and (2) "substitution for noninterview," e.g., when a housing unit was indicated as occupied but the occupants or housing unit characteristics were not listed on the questionnaire.

Specific tolerances were established for the number of computer allocations

and substitutions 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.

The extent of allocation for States, counties, and other areas will be shown

in the allocation tables in the Census Bureau publications PC80-1-B, *General Population Characteristics*; PC80-1-C, *General Social and Economic Characteristics*; HC80-1-A, *General Housing Characteristics*; and HC80-1-B, *Detailed Housing Characteristics*.

Table A. Unadjusted Standard Errors for Estimated Totals

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

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

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

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

N = Size of area

\hat{Y} = Estimate of characteristic total

^{2/} The total count of persons in the area if the estimated total is a person characteristic, or the total count of housing units in the area if the estimated total is a housing unit characteristic.

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

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

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

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

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

B = Base of estimated percentage

\hat{p} = Estimated percentage

Table C. Standard Error Adjustment Factors

[Percent of persons or housing units in sample]

Characteristics	Less than 19 Percent	19 to 33 Percent	More than 33 Percent
POPULATION			
Age, sex, race, and Spanish origin.....	1.2	1.0	0.5
Family type.....	1.0	0.9	0.5
Marital status.....	1.0	0.7	0.4
Language usage and ability to speak			
English.....	1.3	1.0	0.6
Ancestry.....	1.7	1.4	0.8
Nativity and place of birth.....	1.4	1.1	0.6
Residence in 1975.....	3.5	3.3	2.1
Means of transportation to work.....	1.2	1.0	0.5
School enrollment.....	1.3	1.1	0.6
Years of school completed.....	1.2	1.0	0.5
Work and public transportation			
disability.....	1.1	0.9	0.5
Labor force status.....	1.0	0.8	0.5
Hours worked per week and weeks			
worked in 1979.....	1.0	0.8	0.5
Unemployed in 1979.....	1.1	0.9	0.5
Industry and occupation.....	1.1	0.9	0.5
Class of worker.....	1.1	0.9	0.5
Household income.....	1.1	0.9	0.5
Income type.....	1.1	0.9	0.5
Family income.....	1.1	0.9	0.5
Unrelated individual income.....	1.1	0.8	0.5
Workers in family.....	1.2	1.0	0.5
Poverty status: Family.....	1.2	1.0	0.6
Poverty status: Persons.....	1.9	1.6	0.9
Poverty status: Unrelated individuals.....	1.1	0.9	0.5
HOUSING			
Occupancy and vacancy status.....	1.1	0.8	0.5
Tenure.....	1.1	0.9	0.5
Units in structure.....	1.1	1.0	0.5
Source of water.....	1.0	1.0	0.6
Sewage disposal.....	1.1	1.1	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	0.9	0.5
Kitchen facilities.....	1.0	0.8	0.5
Number of bedrooms or bathrooms.....	1.0	0.9	0.5
Telephone in housing unit.....	1.1	0.8	0.5
Air conditioning.....	1.1	1.0	0.6
Vehicles available.....	1.1	0.9	0.5
Gross rent.....	1.0	0.8	0.5
Mortgage status and selected			
monthly owner cost.....	1.1	0.9	0.5
Poverty status: Housing.....	1.2	1.0	0.6
Complete plumbing facilities			
for exclusive use with 1.01			
persons per room or more.....	1.1	0.8	0.5
Household income.....	1.1	0.9	0.5

Table D. Percent of Persons and Housing Units in Sample: 1980

[For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and 8]

Census Tracts	Persons		Housing units	
	100-percent count	Percent in sample	100-percent count	Percent in sample
The SMSA -----	179 591	22.8	69 635	24.1
Muskegon County -----	157 589	19.8	58 241	19.7
Muskegon city -----	40 823	16.1	16 350	15.9
Muskegon Heights city -----	14 611	15.4	5 408	15.9
Norton Shores city -----	22 025	15.4	8 023	15.4
Remainder of Muskegon County -----	80 130	23.7	28 460	23.8
Oceana County -----	22 002	44.9	11 394	46.8
Muskegon city, Muskegon County:				
Tract 0001 ^a -----	4 408	16.9	1 911	16.3
Tract 0002 -----	1 181	16.4	422	15.4
Tract 0003 -----	4 095	15.1	1 494	14.7
Tract 0004 ^b -----	6 871	15.7	2 247	16.2
Tract 0005 -----	6 305	16.9	2 522	16.4
Tract 0006.01 -----	1 940	15.2	831	15.9
Tract 0006.02 -----	3 035	15.7	1 411	16.1
Tract 0007 -----	26	19.2	32	12.5
Tract 0008 -----	3 667	15.8	1 564	15.6
Tract 0009 -----	4 079	17.0	1 663	16.2
Tract 0010 -----	1 388	16.1	589	15.3
Tract 0010.99 -----	100	15.0	-	-
Tract 0018 ^b -----	-	-	-	-
Tract 0021 -----	3 728	15.2	1 664	15.9
Muskegon Heights city, Muskegon County:				
Tract 0011 -----	658	15.0	291	15.8
Tract 0012 -----	3 824	14.4	1 218	15.4
Tract 0013 -----	3 811	15.3	1 236	15.9
Tract 0014.01 -----	1 781	15.3	733	16.0
Tract 0014.02 -----	4 537	16.1	1 930	16.3
Norton Shores city, Muskegon County:				
Tract 0023 -----	6 327	15.7	2 135	15.2
Tract 0024 -----	2 895	16.6	1 243	15.8
Tract 0025 -----	6 758	15.1	2 265	15.9
Tract 0026.01 -----	3 383	16.1	1 401	15.6
Tract 0026.02 -----	2 662	13.4	979	13.9
Remainder of Muskegon County:				
Tract 0001 ^a -----	128	11.7	47	14.9
Tract 0004 ^b -----	116	23.3	44	18.2
Tract 0015 -----	4 024	15.2	1 558	15.9
Tract 0016 -----	2 118	18.3	789	16.3
Tract 0017 -----	4 209	15.6	1 397	15.6
Tract 0018 ^b -----	3 428	15.8	1 103	16.6
Tract 0019.01 -----	2 362	17.1	738	16.4
Tract 0019.02 -----	5 314	16.2	1 902	16.1
Tract 0020 -----	3 209	15.2	1 169	16.3
Tract 0022 -----	4 015	15.5	1 695	16.4
Tract 0027 -----	6 257	16.2	1 989	16.7
Tract 0028 -----	4 389	24.6	1 438	25.4
Tract 0029 -----	4 827	40.7	1 493	39.3
Tract 0030 -----	3 679	50.3	1 203	49.6
Tract 0031 -----	2 801	16.1	897	16.3
Tract 0032 -----	4 509	16.4	1 583	16.4
Tract 0033 -----	4 078	48.2	1 529	48.5
Tract 0034 -----	3 268	16.3	1 090	16.6
Tract 0035 -----	3 055	16.5	1 023	15.9
Tract 0036 -----	3 581	31.0	1 322	29.4
Tract 0037 -----	5 074	22.7	2 170	22.6
Tract 0038 -----	3 372	26.3	1 311	27.4
Tract 0039 -----	1 514	46.6	596	49.3
Tract 0040 -----	803	47.9	374	49.2
Totals for split tracts in Muskegon County:				
Tract 0001 -----	4 536	16.7	1 958	16.2
Tract 0004 -----	6 987	15.8	2 291	16.3
Tract 0018 -----	3 428	15.8	1 103	16.6
Oceana County:				
Tract 0101 -----	2 363	43.9	1 648	46.8
Tract 0102 -----	3 294	46.4	2 806	47.9
Tract 0103 -----	5 872	45.2	2 239	45.9
Tract 0104 -----	3 689	44.9	1 533	47.2
Tract 0105 -----	6 784	44.1	3 168	46.3

Appendix E.—Facsimiles of Respondent Instructions and Questionnaire Pages

INSTRUCTIONS FOR QUESTIONS 1 THROUGH 10

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

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

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

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

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

INSTRUCTIONS FOR QUESTIONS H4 THROUGH H12

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

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

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

Occupied without payment of cash rent includes, for example, a parsonage, military housing, a house or apartment provided free of rent by the owner, or a house or apartment occupied by a janitor or caretaker in exchange for services.

- H9. A *condominium* is housing in which the apartments or houses in a development are individually owned, but the common areas, such as lobbies, halls, etc., are jointly owned. The person owning a condominium very likely has a mortgage on the particular unit.
- H10b. A *commercial establishment* is easily recognized from the outside, for example, a grocery store or barber shop. A *medical office* is a doctor's or dentist's office regularly visited by patients.
- H11. Include the value of the house, the land it is on, and any other structures on the same property. If the house is owned but the land is rented, estimate the combined value of the house and the

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

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

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

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

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

INSTRUCTIONS FOR QUESTIONS H13 THROUGH H20

H13. Mark only one circle.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

INSTRUCTIONS FOR QUESTIONS H21 THROUGH H32

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

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

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

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

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

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

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

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

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

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

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

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

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

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

INSTRUCTIONS FOR QUESTIONS 11 THROUGH 14

11. For persons born in the United States:

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

For persons born outside the United States:

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

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

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

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

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

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

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

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

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

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

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

INSTRUCTIONS FOR QUESTIONS 15 THROUGH 20

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

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

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

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

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

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

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

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

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

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

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

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

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

INSTRUCTIONS FOR QUESTIONS 21 THROUGH 26

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

Count as work:

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

Work in own business, professional practice, or farm.

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

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

Active duty in Armed Forces.

Do not count as work:

Housework or yard work at home.

Unpaid volunteer work.

Work done as a resident of an institution.

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

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

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

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

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

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

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

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

INSTRUCTIONS FOR QUESTIONS 27 THROUGH 29

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

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

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

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

Unacceptable

Furniture company

Grocery store

Oil company

Ranch

Acceptable

Metal furniture manufacturing

Wholesale grocery store

Retail gas station

Cattle ranch

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

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

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

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

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

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

Unacceptable

Clerk

Helper

Mechanic

Nurse

Acceptable

Production clerk

Carpenter's helper

Auto engine mechanic

Registered nurse

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

INSTRUCTIONS FOR QUESTIONS 30 THROUGH 33

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

1980 Census of the United States

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

DO	A1	A2	A4	A5	A6
L					

Your answers are confidential

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

Para personas de habla hispana

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

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

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

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

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

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

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

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

Thank you for your cooperation.

How to fill out your Census Form

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

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

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

Fill circles "O" completely, like this: ●

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

Make sure that answers are provided for everyone here.

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

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

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

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

Please start by answering Question 1 below.

Question 1

List in Question 1

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

Do Not List in Question 1

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

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

Note

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

Then please:

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

Please continue →

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

NOW PLEASE ANSWER QUESTIONS H1—H12 FOR YOUR HOUSEHOLD

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

PERSON in column 7

Last name _____ Middle initial _____

First name _____

If relative of person in column 1:

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

If not related to person in column 1:

Roomer, boarder Other nonrelative
 Partner, roommate
 Paid employee

Male Female

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

a. Age at last birthday _____ c. Year of birth _____

b. Month of birth _____

Jan.—Mar. 6 6
 Apr.—June 7 7
 July—Sept. 8 8
 Oct.—Dec. 9 9

Now married Separated
 Widowed Never married
 Divorced

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

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

Highest grade attended:

Nursery school Kindergarten

Elementary through high school (grade or year)

1 2 3 4 5 6 7 8 9 10 11 12

○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○

College (academic year)

1 2 3 4 5 6 7 8 or more

○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○

Never attended school—Skip question 10

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

CENSUS USE ONLY A. ○ I ○ N ○ ○

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

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

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

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

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

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

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

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

H5. How do you enter your living quarters —

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

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

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

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

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

H8. Are your living quarters —

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

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

No
 Yes, a condominium

H10. If this is a one-family house —

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

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

H11. If you live in a one-family house or a condominium unit which you own or are buying —

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

Do not answer this question if this is —

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

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

H12. If you pay rent for your living quarters —

What is the monthly rent?

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

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

FOR CENSUS USE ONLY

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

0
9
8
7
6
5
4
3
2
1
0
9
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7
6
5
4
3
2
1

<p>H13. Which best describes this building? <i>Include all apartments, flats, etc., even if vacant.</i></p> <p> <input type="radio"/> A mobile home or trailer <input type="radio"/> A one-family house detached from any other house <input type="radio"/> A one-family house attached to one or more houses <input type="radio"/> A building for 2 families <input type="radio"/> A building for 3 or 4 families <input type="radio"/> A building for 5 to 9 families <input type="radio"/> A building for 10 to 19 families <input type="radio"/> A building for 20 to 49 families <input type="radio"/> A building for 50 or more families <input type="radio"/> A boat, tent, van, etc. </p>	<p>H21a. Which fuel is used most for house heating?</p> <p> <input type="radio"/> Gas: from underground pipes serving the neighborhood <input type="radio"/> Gas: bottled, tank, or LP <input type="radio"/> Electricity <input type="radio"/> Fuel oil, kerosene, etc. </p> <p> <input type="radio"/> Coal or coke <input type="radio"/> Wood <input type="radio"/> Other fuel <input type="radio"/> No fuel used </p> <p>b. Which fuel is used most for water heating?</p> <p> <input type="radio"/> Gas: from underground pipes serving the neighborhood <input type="radio"/> Gas: bottled, tank, or LP <input type="radio"/> Electricity <input type="radio"/> Fuel oil, kerosene, etc. </p> <p> <input type="radio"/> Coal or coke <input type="radio"/> Wood <input type="radio"/> Other fuel <input type="radio"/> No fuel used </p>	<p>CENSUS USE</p> <p>H22a.</p> <table border="1"> <tr><td>0</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td></tr> </table>	0	0	0	1	1	1	2	2	2	3	3	3	4	4	4	5	5	5	6	6	6	7	7	7	8	8	8	9	9	9
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8	8	8																														
9	9	9																														
<p>H14a. How many stories (floors) are in this building? <i>Count an attic or basement as a story if it has any finished rooms for living purposes.</i></p> <p> <input type="radio"/> 1 to 3 — Skip to H15 <input type="radio"/> 4 to 6 <input type="radio"/> 7 to 12 <input type="radio"/> 13 or more stories </p> <p>b. Is there a passenger elevator in this building?</p> <p> <input type="radio"/> Yes <input type="radio"/> No </p>	<p>c. Which fuel is used most for cooking?</p> <p> <input type="radio"/> Gas: from underground pipes serving the neighborhood <input type="radio"/> Gas: bottled, tank, or LP <input type="radio"/> Electricity <input type="radio"/> Fuel oil, kerosene, etc. </p> <p> <input type="radio"/> Coal or coke <input type="radio"/> Wood <input type="radio"/> Other fuel <input type="radio"/> No fuel used </p>	<p>H22b.</p> <table border="1"> <tr><td>0</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td></tr> </table>	0	0	0	1	1	1	2	2	2	3	3	3	4	4	4	5	5	5	6	6	6	7	7	7	8	8	8	9	9	9
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<p>H15a. Is this building —</p> <p> <input type="radio"/> On a city or suburban lot, or on a place of less than 1 acre? — Skip to H16 <input type="radio"/> On a place of 1 to 9 acres? <input type="radio"/> On a place of 10 or more acres? </p> <p>b. Last year, 1979, did sales of crops, livestock, and other farm products from this place amount to —</p> <p> <input type="radio"/> Less than \$50 (or None) <input type="radio"/> \$50 to \$249 <input type="radio"/> \$250 to \$599 <input type="radio"/> \$600 to \$999 <input type="radio"/> \$1,000 to \$2,499 <input type="radio"/> \$2,500 or more </p>	<p>H22. What are the costs of utilities and fuels for your living quarters?</p> <p>a. Electricity</p> <p>\$ _____ .00 OR <input type="radio"/> Included in rent or no charge Average monthly cost <input type="radio"/> Electricity not used</p> <p>b. Gas</p> <p>\$ _____ .00 OR <input type="radio"/> Included in rent or no charge Average monthly cost <input type="radio"/> Gas not used</p> <p>c. Water</p> <p>\$ _____ .00 OR <input type="radio"/> Included in rent or no charge Yearly cost</p> <p>d. Oil, coal, kerosene, wood, etc.</p> <p>\$ _____ .00 OR <input type="radio"/> Included in rent or no charge Yearly cost <input type="radio"/> These fuels not used</p>	<p>H22c.</p> <table border="1"> <tr><td>0</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td></tr> </table>	0	0	0	1	1	1	2	2	2	3	3	3	4	4	4	5	5	5	6	6	6	7	7	7	8	8	8	9	9	9
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<p>H16. Do you get water from —</p> <p> <input type="radio"/> A public system (city water department, etc.) or private company? <input type="radio"/> An individual drilled well? <input type="radio"/> An individual dug well? <input type="radio"/> Some other source (a spring, creek, river, cistern, etc.)? </p>	<p>H23. Do you have complete kitchen facilities? Complete kitchen facilities are a sink with piped water, a range or cookstove, and a refrigerator.</p> <p> <input type="radio"/> Yes <input type="radio"/> No </p>	<p>H22d.</p> <table border="1"> <tr><td>0</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td></tr> </table>	0	0	0	1	1	1	2	2	2	3	3	3	4	4	4	5	5	5	6	6	6	7	7	7	8	8	8	9	9	9
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<p>H17. Is this building connected to a public sewer?</p> <p> <input type="radio"/> Yes, connected to public sewer <input type="radio"/> No, connected to septic tank or cesspool <input type="radio"/> No, use other means </p>	<p>H24. How many bedrooms do you have? <i>Count rooms used mainly for sleeping even if used also for other purposes.</i></p> <p> <input type="radio"/> No bedroom <input type="radio"/> 1 bedroom <input type="radio"/> 2 bedrooms <input type="radio"/> 3 bedrooms <input type="radio"/> 4 bedrooms <input type="radio"/> 5 or more bedrooms </p>	<p>H22e.</p> <table border="1"> <tr><td>0</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td></tr> </table>	0	0	0	1	1	1	2	2	2	3	3	3	4	4	4	5	5	5	6	6	6	7	7	7	8	8	8	9	9	9
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<p>H18. About when was this building originally built? Mark when the building was first constructed, not when it was remodeled, added to, or converted.</p> <p> <input type="radio"/> 1979 or 1980 <input type="radio"/> 1975 to 1978 <input type="radio"/> 1970 to 1974 <input type="radio"/> 1960 to 1969 <input type="radio"/> 1950 to 1959 <input type="radio"/> 1940 to 1949 <input type="radio"/> 1939 or earlier </p>	<p>H25. How many bathrooms do you have? <i>A complete bathroom is a room with flush toilet, bathtub or shower, and wash basin with piped water.</i> <i>A half bathroom has at least a flush toilet or bathtub or shower, but does not have all the facilities for a complete bathroom.</i></p> <p> <input type="radio"/> No bathroom, or only a half bathroom <input type="radio"/> 1 complete bathroom <input type="radio"/> 1 complete bathroom, plus half bath(s) <input type="radio"/> 2 or more complete bathrooms </p>	<p>H22f.</p> <table border="1"> <tr><td>0</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td></tr> </table>	0	0	0	1	1	1	2	2	2	3	3	3	4	4	4	5	5	5	6	6	6	7	7	7	8	8	8	9	9	9
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<p>H19. When did the person listed in column 1 move into this house (or apartment)?</p> <p> <input type="radio"/> 1979 or 1980 <input type="radio"/> 1975 to 1978 <input type="radio"/> 1970 to 1974 <input type="radio"/> 1960 to 1969 <input type="radio"/> 1950 to 1959 <input type="radio"/> 1949 or earlier <input type="radio"/> Always lived here </p>	<p>H26. Do you have a telephone in your living quarters?</p> <p> <input type="radio"/> Yes <input type="radio"/> No </p>	<p>H22g.</p> <table border="1"> <tr><td>0</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td></tr> </table>	0	0	0	1	1	1	2	2	2	3	3	3	4	4	4	5	5	5	6	6	6	7	7	7	8	8	8	9	9	9
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<p>H20. How are your living quarters heated? <i>Fill one circle for the kind of heat used most.</i></p> <p> <input type="radio"/> Steam or hot water system <input type="radio"/> Central warm-air furnace with ducts to the individual rooms (Do not count electric heat pumps here) <input type="radio"/> Electric heat pump <input type="radio"/> Other built-in electric units (permanently installed in wall, ceiling, or baseboard) <input type="radio"/> Floor, wall, or pipeless furnace <input type="radio"/> Room heaters with flue or vent, burning gas, oil, or kerosene <input type="radio"/> Room heaters without flue or vent, burning gas, oil, or kerosene (not portable) <input type="radio"/> Fireplaces, stoves, or portable room heaters of any kind <input type="radio"/> No heating equipment </p>	<p>H27. Do you have air conditioning?</p> <p> <input type="radio"/> Yes, a central air-conditioning system <input type="radio"/> Yes, 1 individual room unit <input type="radio"/> Yes, 2 or more individual room units <input type="radio"/> No </p> <p>H28. How many automobiles are kept at home for use by members of your household?</p> <p> <input type="radio"/> None <input type="radio"/> 1 automobile <input type="radio"/> 2 automobiles <input type="radio"/> 3 or more automobiles </p> <p>H29. How many vans or trucks of one-ton capacity or less are kept at home for use by members of your household?</p> <p> <input type="radio"/> None <input type="radio"/> 1 van or truck <input type="radio"/> 2 vans or trucks <input type="radio"/> 3 or more vans or trucks </p>	<p>H22h.</p> <table border="1"> <tr><td>0</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td></tr> </table>	0	0	0	1	1	1	2	2	2	3	3	3	4	4	4	5	5	5	6	6	6	7	7	7	8	8	8	9	9	9
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FOR YOUR HOUSEHOLD

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

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

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

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

\$ _____ .00 OR None

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

\$ _____ .00 OR None

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

Yes, mortgage, deed of trust, or similar debt

Yes, contract to purchase

No — Skip to page 6

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

Yes No

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

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

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

Yes, taxes included in payment

No, taxes paid separately or taxes not required

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

Yes, insurance included in payment

No, insurance paid separately or no insurance

Please turn to page 6

FOR CENSUS USE ONLY

①	2.	4.	②	2.	4.	③	2.	4.
	<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>
S.S.	1 1	1 1 1 1	S.S.	1 1	1 1 1 1	S.S.	1 1	1 1 1 1
Yes	3 3	3 3 3 3	Yes	3 3	3 3 3 3	Yes	3 3	3 3 3 3
<input type="radio"/>	4 4	4 4 4 4	<input type="radio"/>	4 4	4 4 4 4	<input type="radio"/>	4 4	4 4 4 4
No	6 6	6 6 6 6	No	6 6	6 6 6 6	No	6 6	6 6 6 6
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	8 8	8 8 8 8		8 8	8 8 8 8		8 8	8 8 8 8
	9 9	9 9 9 9		9 9	9 9 9 9		9 9	9 9 9 9
④	2.	4.	⑤	2.	4.	⑥	2.	4.
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
S.S.	1 1	1 1 1 1	S.S.	1 1	1 1 1 1	S.S.	1 1	1 1 1 1
Yes	3 3	3 3 3 3	Yes	3 3	3 3 3 3	Yes	3 3	3 3 3 3
<input type="radio"/>	4 4	4 4 4 4	<input type="radio"/>	4 4	4 4 4 4	<input type="radio"/>	4 4	4 4 4 4
No	6 6	6 6 6 6	No	6 6	6 6 6 6	No	6 6	6 6 6 6
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⑦	2.	4.	GQ.	H30.	H31.	H32c.		
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
S.S.	1 1	1 1 1 1	1 1	1 1 1 1	1 1 1	1 1 1 1		
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No	6 6	6 6 6 6	6 6	6 6 6 6	6 6 6	6 6 6 6		
<input type="radio"/>	7 7	7 7 7 7	7 7	7 7 7 7	7 7 7	7 7 7 7		
	8 8	8 8 8 8	8 8	8 8 8 8	8 8 8	8 8 8 8		
	9 9	9 9 9 9	9 9	9 9 9 9	9 9 9	9 9 9 9		

c. When going to work last week, did this person usually —
 Drive alone — Skip to 28 Drive others only
 Share driving Ride as passenger only

d. How many people, including this person, usually rode to work in the car, truck, or van last week?
 2 4 6
 3 5 7 or more

25. Was this person temporarily absent or on layoff from a job or business last week?
 Yes, on layoff
 Yes, on vacation, temporary illness, labor dispute, etc.
 No

26a. Has this person been looking for work during the last 4 weeks?
 Yes No — Skip to 27

b. Could this person have taken a job last week?
 No, already has a job
 No, temporarily ill
 No, other reasons (in school, etc.)
 Yes, could have taken a job

27. When did this person last work, even for a few days?
 1980 1978 1970 to 1974
 1979 1975 to 1977 1969 or earlier
 Never worked } Skip to 31d

28–30. Current or most recent job activity
 Describe clearly this person's chief job activity or business last week. If this person had more than one job, describe the one at which this person worked the most hours. If this person had no job or business last week, give information for last job or business since 1975.

28. Industry
 a. For whom did this person work? If now on active duty in the Armed Forces, print "AF" and skip to question 31.
 (Name of company, business, organization, or other employer)
 b. What kind of business or industry was this?
 Describe the activity at location where employed.
 (For example: Hospital, newspaper publishing, mail order house, auto engine manufacturing, breakfast cereal manufacturing)
 c. Is this mainly — (Fill one circle)
 Manufacturing Retail trade
 Wholesale trade Other — (agriculture, construction, service, government, etc.)

29. Occupation
 a. What kind of work was this person doing?
 (For example: Registered nurse, personnel manager, supervisor of order department, gasoline engine assembler, grinder operator)
 b. What were this person's most important activities or duties?
 (For example: Patient care, directing hiring policies, supervising order clerks, assembling engines, operating grinding mill)

30. Was this person — (Fill one circle)
 Employee of private company, business, or individual, for wages, salary, or commissions
 Federal government employee
 State government employee
 Local government employee (city, county, etc.)
 Self-employed in own business, professional practice, or farm —
 Own business not incorporated
 Own business incorporated
 Working without pay in family business or farm

CENSUS USE
 21b.
 I 0 0
 1 1 1
 2 2 2
 II 3 3
 4 4 4
 III 5 5
 6 6 6
 7 7 7
 IV 8 8
 9 9 9

22b.
 0 0 0
 1 1 1
 2 2 2
 3 3 3
 4 4 4
 5 5 5
 6 6 6
 7 7 7
 8 8 8
 9 9 9

28.
 A B C
 0 0 0
 D E F
 0 0 0
 G H J
 0 0 0
 K L M
 0 0 0

AF 0
 NW 0

29.
 N P Q
 0 0 0
 R S T
 0 0 0
 U V W
 0 0 0
 X Y Z
 0 0 0

I 1
 2 2
 3 3 3
 4 4 4
 5 5 5
 6 6 6
 7 7 7
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 9 9 9

31a. Last year (1979), did this person work, even for a few days, at a paid job or in a business or farm?
 Yes No — Skip to 31d

b. How many weeks did this person work in 1979?
 Count paid vacation, paid sick leave, and military service.
 Weeks

c. During the weeks worked in 1979, how many hours did this person usually work each week?
 Hours

d. Of the weeks not worked in 1979 (if any), how many weeks was this person looking for work or on layoff from a job?
 Weeks

32. Income in 1979 —
 Fill circles and print dollar amounts. If net income was a loss, write "Loss" above the dollar amount. If exact amount is not known, give best estimate. For income received jointly by household members, see instruction guide.

During 1979 did this person receive any income from the following sources?
 If "Yes" to any of the sources below — How much did this person receive for the entire year?

a. Wages, salary, commissions, bonuses, or tips from all jobs . . . Report amount before deductions for taxes, bonds, dues, or other items.
 Yes → \$.00
 No (Annual amount — Dollars)

b. Own nonfarm business, partnership, or professional practice . . . Report net income after business expenses.
 Yes → \$.00
 No (Annual amount — Dollars)

c. Own farm . . . Report net income after operating expenses. Include earnings as a tenant farmer or sharecropper.
 Yes → \$.00
 No (Annual amount — Dollars)

d. Interest, dividends, royalties, or net rental income . . . Report even small amounts credited to an account.
 Yes → \$.00
 No (Annual amount — Dollars)

e. Social Security or Railroad Retirement . . .
 Yes → \$.00
 No (Annual amount — Dollars)

f. Supplemental Security (SSI), Aid to Families with Dependent Children (AFDC), or other public assistance or public welfare payments . . .
 Yes → \$.00
 No (Annual amount — Dollars)

g. Unemployment compensation, veterans' payments, pensions, alimony or child support, or any other sources of income received regularly . . . Exclude lump-sum payments such as money from an inheritance or the sale of a home.
 Yes → \$.00
 No (Annual amount — Dollars)

33. What was this person's total income in 1979?
 Add entries in questions 32a through g; subtract any losses.
 \$.00
 (Annual amount — Dollars)
 If total amount was a loss, write "Loss" above amount. OR None

CENSUS USE ONLY

31b. 0 0 0 0 0
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 2 2 2 2 2
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32a. 0 0 0 0
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 3 3 3 3
 4 4 4 4
 5 5 5 5
 6 6 6 6
 7 7 7 7
 8 8 8 8
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32c. 0 0 0 0
 1 1 1 1
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 4 4 4 4
 5 5 5 5
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 7 7 7 7
 8 8 8 8
 9 9 9 9
 A 0 A 0

32e. 0 0 0 0
 1 1 1 1
 2 2 2 2
 3 3 3 3
 4 4 4 4
 5 5 5 5
 6 6 6 6
 7 7 7 7
 8 8 8 8
 9 9 9 9

32g. 0 0 0 0
 1 1 1 1
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 3 3 3 3
 4 4 4 4
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 8 8 8 8
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33. I 1
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➔ Please turn to the next page and answer the questions for Person 2 on page 2

Appendix F.—Publication and Computer Tape Program

GENERAL F-1

PUBLICATIONS F-1

Population and Housing Census Reports F-1

PHC80-1, Block Statistics F-1

PHC80-2, Census Tracts F-2

PHC80-3, Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas F-2

PHC80-4, Congressional Districts of the 98th Congress F-2

PHC80-S1-1, Provisional Estimates of Social, Economic, and Housing Characteristics F-2

PHC80-S2, Advance Estimates of Social, Economic, and Housing Characteristics F-2

Population Census Reports F-2

PC80-1, Volume 1, Characteristics of the Population F-2

PC80-1-A, Chapter A, Number of Inhabitants F-2

PC80-1-B, Chapter B, General Population Characteristics F-2

PC80-1-C, Chapter C, General Social and Economic Characteristics F-3

PC80-1-D, Chapter D, Detailed Population Characteristics F-3

PC80-2, Volume 2, Subject Reports F-3

PC80-S1, Supplementary Reports F-3

Housing Census Reports F-3

HC80-1, Volume 1, Characteristics of Housing Units F-3

HC80-1-A, Chapter A, General Housing Characteristics F-3

HC80-1-B, Chapter B, Detailed Housing Characteristics F-3

HC80-2, Volume 2, Metropolitan Housing Characteristics F-3

HC80-3, Volume 3, Subject Reports F-3

HC80-4, Volume 4, Components of Inventory Change F-3

PUBLICATIONS—Con.

HC80-5, Volume 5, Residential Finance F-4

HC80-S1-1, Supplementary Reports F-4

Evaluation and Reference Reports F-4

PHC80-E, Evaluation and Research Reports F-4

PHC80-R, Reference Reports F-4

PHC80-R1, Users' Guide F-4

PHC80-R2, History F-4

PHC80-R3, Alphabetical Index of Industries and Occupations F-4

PHC80-R4, Classified Index of Industries and Occupations F-4

PHC80-R5, Geographic Identification Code Scheme F-4

COMPUTER TAPES F-4

Summary Tape Files F-4

STF 1 F-4

STF 2 F-4

STF 3 F-4

STF 4 F-5

STF 5 F-5

Other Computer Tape Files F-5

P.L. 94-171, Population Counts F-5

Master Area Reference Files 1 and 2 (MARF) F-5

Geographic Base File/Dual Independent Map Encoding (GBF/DIME) F-5

Public-Use Microdata Samples F-5

Census/EEO Special File F-5

MAPS F-5

MICROFICHE F-5

STF 1 Microfiche F-5

STF 3 Microfiche F-5

P.L. 94-171 Counts Microfiche F-5

GENERAL

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

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

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

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

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

PUBLICATIONS

Population and Housing Census Reports

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Population Census Reports

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

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

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

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

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

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

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

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

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

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

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

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

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

1980 census statistics dealing with specific population subjects.

Housing Census Reports

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

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

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

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

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

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

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

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

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

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

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

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

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

Evaluation and Reference Reports

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

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

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

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

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

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

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

COMPUTER TAPES

Summary Tape Files

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

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

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

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

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

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

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

STF 4—This STF is the geographic counterpart of STF 2, but the number of cells of data is greater (approximately 3,400). 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.

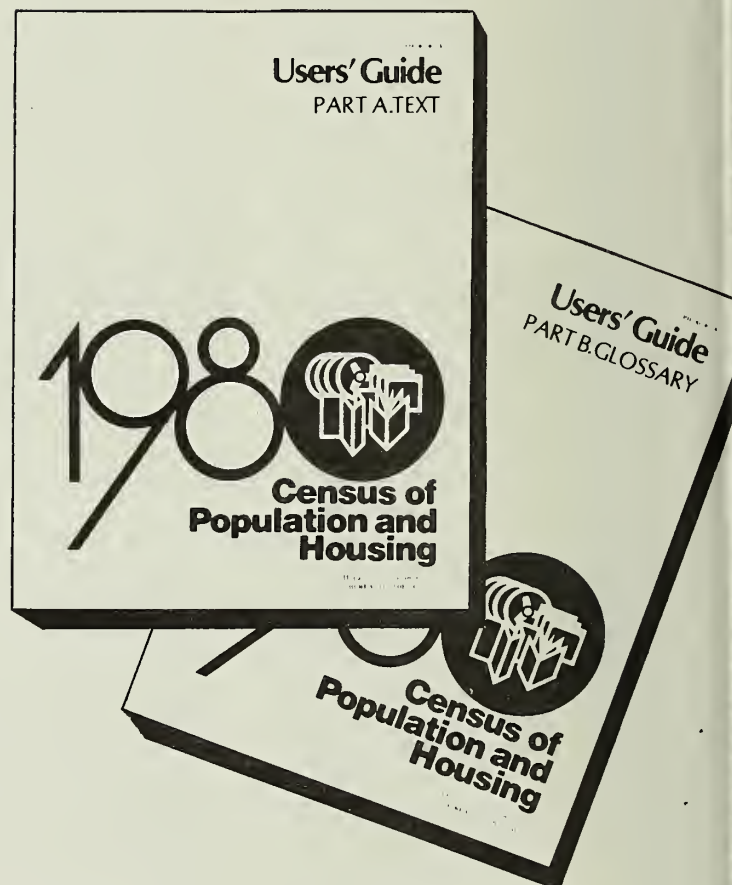
1980 Census of Population and Housing

Users' Guide

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

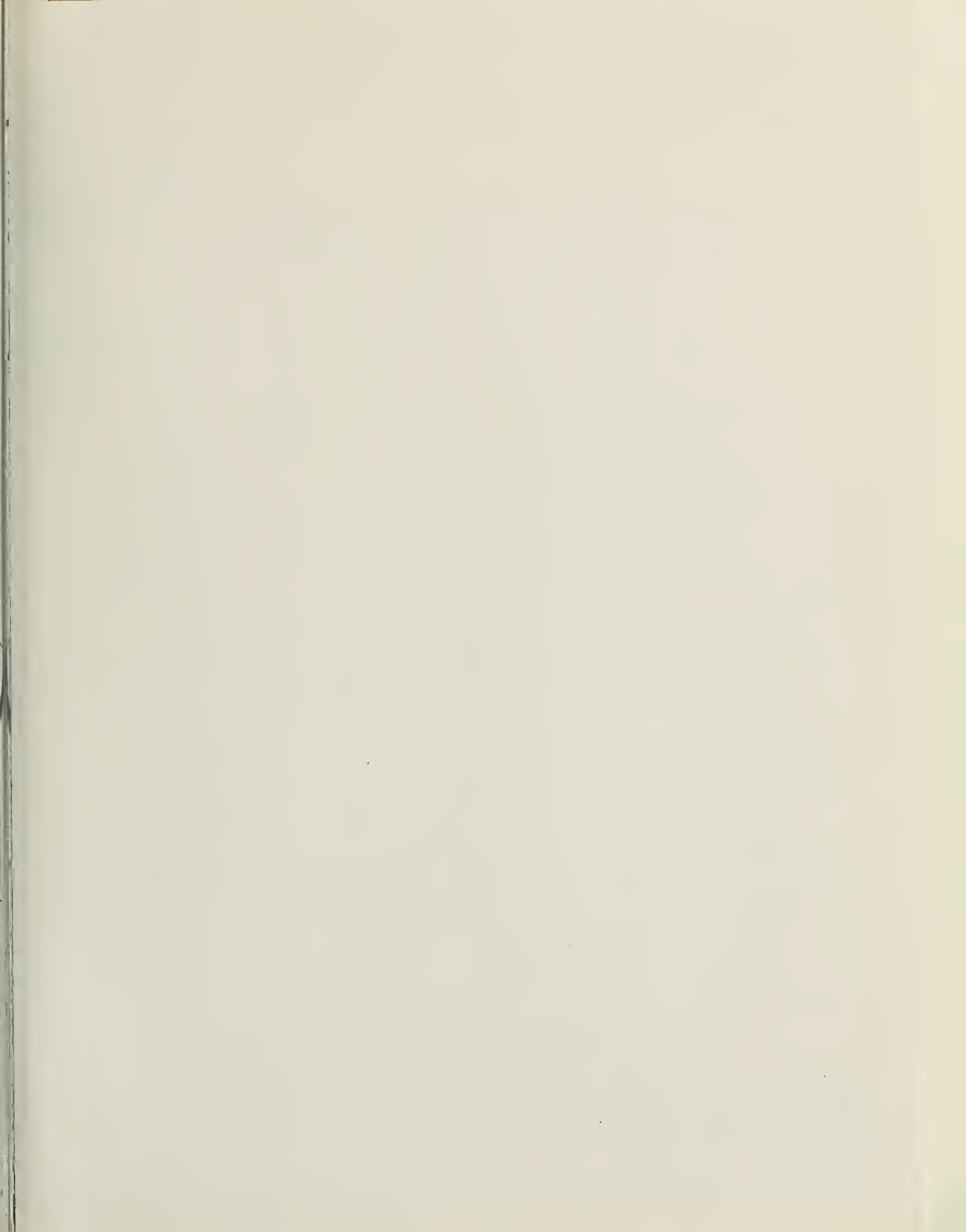
- **Part A. Text**—Covers census data subjects; geographic considerations; reports, tapes, maps, and other products; services available to users; and many other topics central to understanding and using 1980 census data.
- **Part B. Glossary**—Provides detailed definitions of population, housing, geographic, 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.

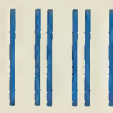


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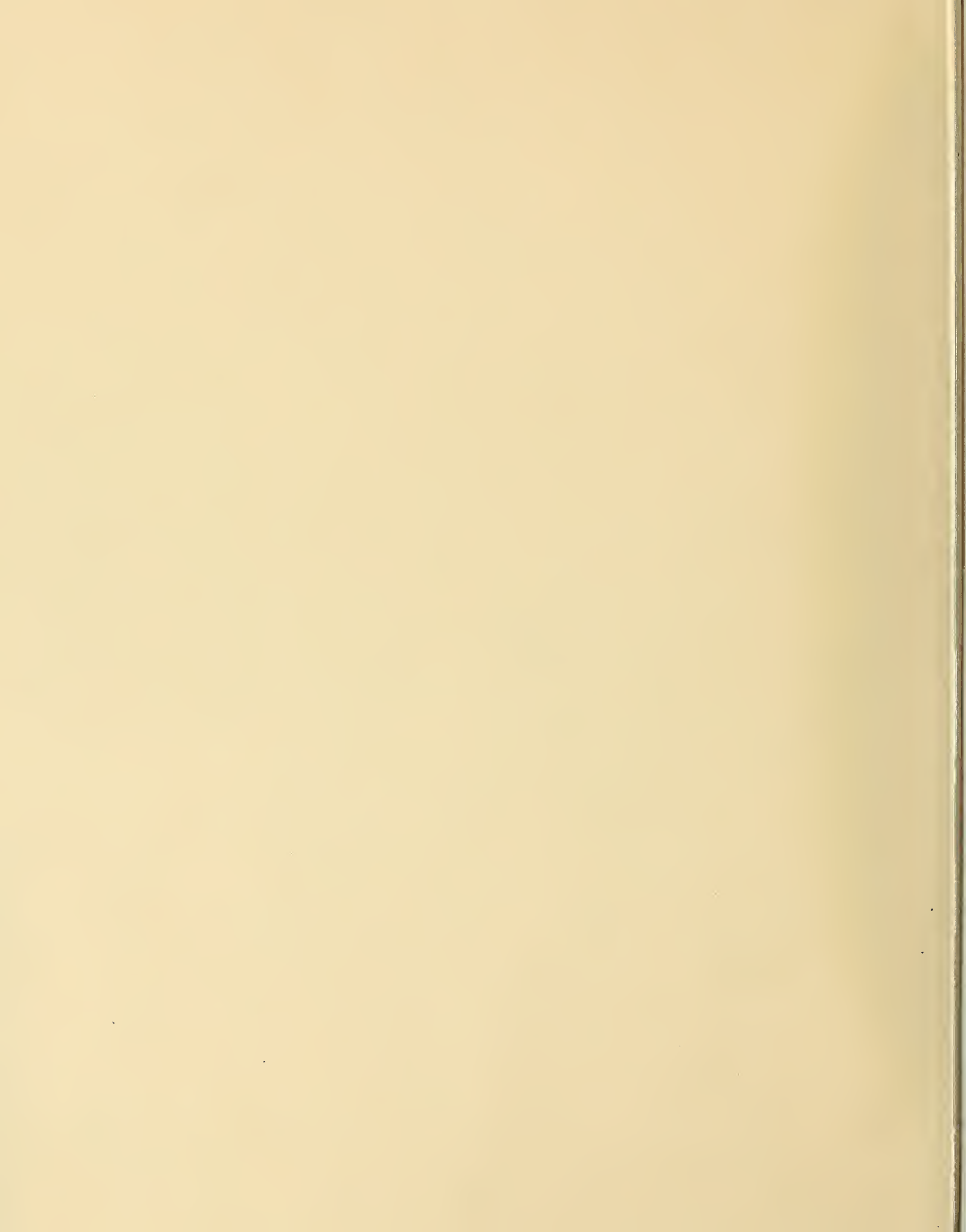
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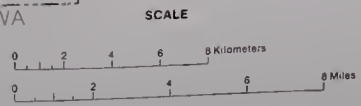
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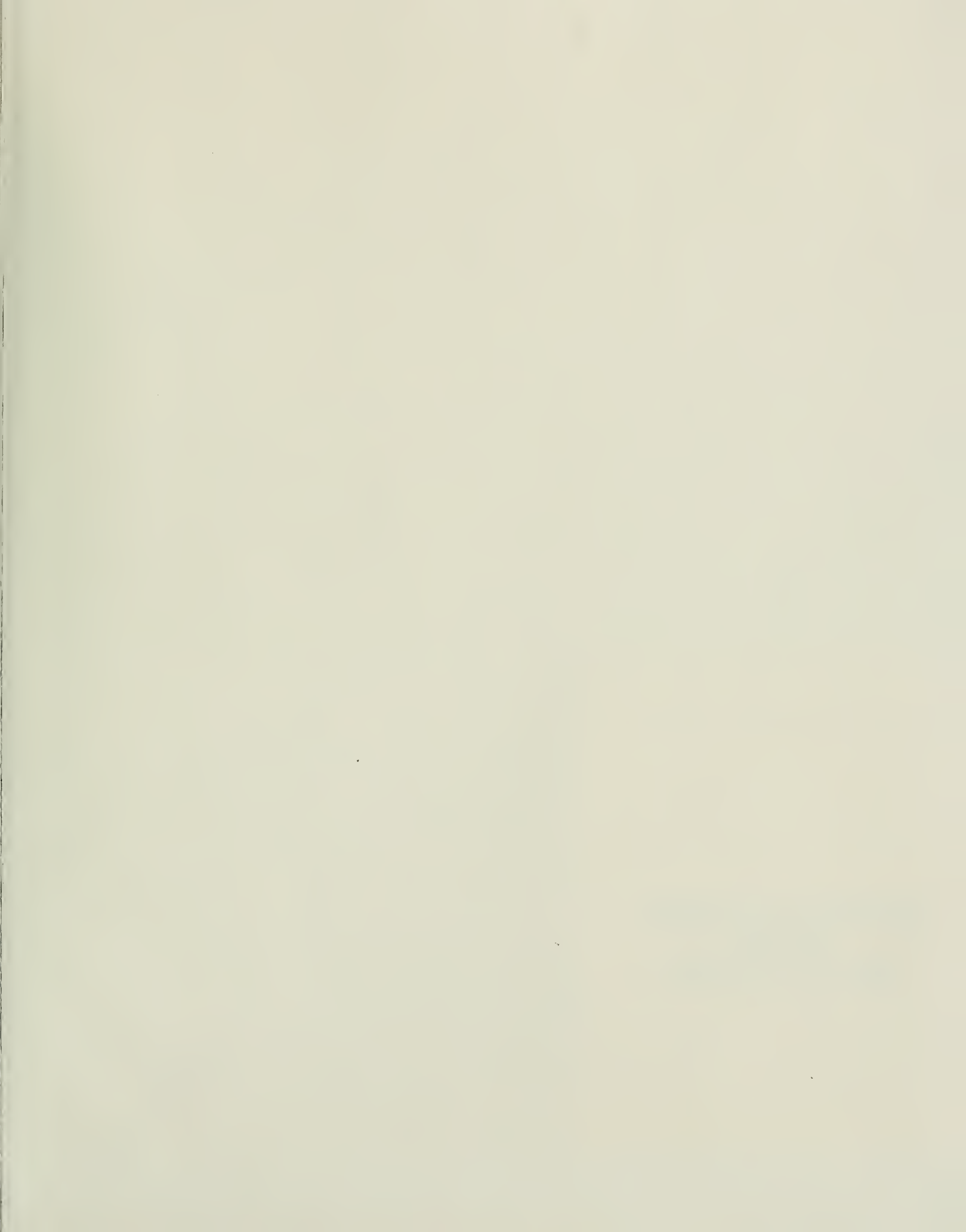


1980 CENSUS TRACTS

MUSKEGON-NORTON SHORES-MUSKEGON HEIGHTS, MICH.

STANDARD METROPOLITAN STATISTICAL AREA

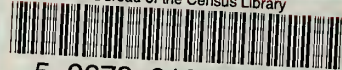






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