

A UNITED STATES  
DEPARTMENT OF  
**COMMERCE**  
PUBLICATION



# Census Tracts

**GRAND RAPIDS, MICH.**  
**STANDARD METROPOLITAN STATISTICAL AREA**

PHC(1)-80



**U.S. DEPARTMENT  
OF COMMERCE**  
Social and Economic  
Statistics Administration

**BUREAU OF  
THE CENSUS**

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# 1970 CENSUS OF POPULATION AND HOUSING

## Census Tracts

GRAND RAPIDS, MICH.  
STANDARD METROPOLITAN  
STATISTICAL AREA  
(AND ADJACENT AREA)

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accompany this report

## LIST OF PHC(1) CENSUS TRACT REPORTS

The reports listed below are for Standard Metropolitan Statistical Areas. An asterisk (\*) indicates that the report includes data for tracts in selected areas adjacent to the SMSA.

Report number	Area	Report number	Area	Report number	Area
1	Abilene, Tex.	41	Charlotte, N.C.*	81	Great Falls, Mont.
2	Akron, Ohio	42	Chattanooga, Tenn.-Ga.	82	Green Bay, Wis.
3	Albany, Ga.	43	Chicago, Ill.	83	Greensboro-Winston-Salem-High Point, N.C.
4	Albany-Schenectady-Troy, N.Y.	44	Cincinnati, Ohio-Ky.-Ind.	84	Greenville, S.C.
5	Albuquerque, N. Mex.	45	Cleveland, Ohio	85	Hamilton-Middletown, Ohio
6	Allentown-Bethlehem-Easton, Pa.-N.J.	46	Colorado Springs, Colo.	86	Harrisburg, Pa.
7	Altoona, Pa.	47	Columbia, Mo.	87	Hartford, Conn.*
8	Amarillo, Tex.	48	Columbia, S.C.	88	Honolulu, Hawaii*
9	Anaheim-Santa Ana-Garden Grove, Calif.	49	Columbus, Ga.-Ala.	89	Houston, Tex.*
10	Anderson, Ind.	50	Columbus, Ohio	90	Huntington-Ashland, W. Va.-Ky.- Ohio*
11	Ann Arbor, Mich.	51	Corpus Christi, Tex.	91	Huntsville, Ala.
12	Appleton-Oshkosh, Wis.	52	Dallas, Tex.	92	Indianapolis, Ind.
13	Asheville, N.C.	53	Davenport-Rock Island-Moline, Iowa-Ill.	93	Jackson, Mich.
14	Atlanta, Ga.*	54	Dayton, Ohio	94	Jackson, Miss.
15	Atlantic City, N.J.	55	Decatur, Ill.	95	Jacksonville, Fla.
16	Augusta, Ga.-S.C.	56	Denver, Colo.	96	Jersey City, N.J.
17	Austin, Tex.	57	Des Moines, Iowa	97	Johnstown, Pa.
18	Bakersfield, Calif.	58	Detroit, Mich.*	98	Kalamazoo, Mich.
19	Baltimore, Md.	59	Dubuque, Iowa	99	Kansas City, Mo.-Kans.*
20	Baton Rouge, La.*	60	Duluth-Superior, Minn.-Wis.	100	Kenosha, Wis.
21	Bay City, Mich.	61	Durham, N.C.	101	Knoxville, Tenn.*
22	Beaumont-Port Arthur-Orange, Tex.	62	El Paso, Tex.	102	Lafayette, La.
23	Billings, Mont.	63	Erie, Pa.	103	Lafayette-West Lafayette, Ind.
24	Biloxi-Gulfport, Miss.	64	Eugene, Oreg.	104	Lake Charles, La.
25	Binghamton, N.Y.-Pa.	65	Evansville, Ind.-Ky.	105	Lancaster, Pa.
26	Birmingham, Ala.	66	Fall River, Mass.-R.I.	106	Lansing, Mich.
27	Bloomington-Normal, Ill.	67	Fargo-Moorhead, N. Dak.-Minn.	107	Laredo, Tex.
28	Boise City, Idaho	68	Fayetteville, N.C.	108	Las Vegas, Nev.
29	Boston, Mass.*	69	Fitchburg-Leominster, Mass.*	109	Lawrence-Haverhill, Mass.-N.H.
30	Bridgeport, Conn.	70	Flint, Mich.	110	Lawton, Okla.
31	Bristol, Conn.*	71	Fort Lauderdale-Hollywood, Fla.	111	Lewiston-Auburn, Maine
32	Brockton, Mass.	72	Fort Smith, Ark.-Okla.	112	Lexington, Ky.
33	Brownsville-Harlingen-San Benito, Tex.	73	Fort Wayne, Ind.	113	Lima, Ohio
34	Bryan-College Station, Tex.	74	Fort Worth, Tex.*	114	Lincoln, Nebr.
35	Buffalo, N.Y.	75	Fresno, Calif.	115	Little Rock-North Little Rock, Ark.
36	Canton, Ohio	76	Gadsden, Ala.	116	Lorain-Elyria, Ohio*
37	Cedar Rapids, Iowa	77	Gainesville, Fla.	117	Los Angeles-Long Beach, Calif.
38	Champaign-Urbana, Ill.	78	Galveston-Texas City, Tex.	118	Louisville, Ky.-Ind.
39	Charleston, S.C.*	79	Gary-Hammond-East Chicago, Ind.	119	Lowell, Mass.
40	Charleston, W. Va.	80	Grand Rapids, Mich.*	120	Lubbock, Tex.



Report number	Area
121	Lynchburg, Va.*
122	Macon, Ga.*
123	Madison, Wis.
124	Manchester, N.H.
125	Mansfield, Ohio
126	McAllen-Pharr-Edinburg, Tex.
127	Memphis, Tenn.-Ark.
128	Meriden, Conn.
129	Miami, Fla.
130	Midland, Tex.
131	Milwaukee, Wis.*
132	Minneapolis-St. Paul, Minn.
133	Mobile, Ala.
134	Modesto, Calif.
135	Monroe, La.
136	Montgomery, Ala.
137	Muncie, Ind.
138	Muskegon-Muskegon Heights, Mich.
139	Nashville-Davidson, Tenn.
140	New Bedford, Mass.
141	New Britain, Conn.
142	New Haven, Conn.*
143	New London-Groton-Norwich, Conn.*
144	New Orleans, La.
145	New York, N.Y.
146	Newark, N.J.*
147	Newport News-Hampton, Va.*
148	Norfolk-Portsmouth, Va.*
149	Norwalk, Conn.*
150	Odessa, Tex.
151	Ogden, Utah
152	Oklahoma City, Okla.
153	Omaha, Nebr.-Iowa
154	Orlando, Fla.
155	Oxnard-Ventura, Calif.
156	Paterson-Clifton-Passaic, N.J.
157	Pensacola, Fla.
158	Peoria, Ill.
159	Philadelphia, Pa.-N.J.
160	Phoenix, Ariz.

Report number	Area
161	Pine Bluff, Ark.
162	Pittsburgh, Pa.
163	Pittsfield, Mass.
164	Portland, Maine*
165	Portland, Oreg.-Wash.
166	Providence-Pawtucket-Warwick, R.I.-Mass.*
167	Provo-Orem, Utah
168	Pueblo, Colo.
169	Racine, Wis.
170	Raleigh, N.C.
171	Reading, Pa.
172	Reno, Nev.
173	Richmond, Va.
174	Roanoke, Va.
175	Rochester, Minn.
176	Rochester, N.Y.
177	Rockford, Ill.
178	Sacramento, Calif.*
179	Saginaw, Mich.
180	St. Joseph, Mo.
181	St. Louis, Mo.-Ill.*
182	Salem, Oreg.
183	Salinas-Monterey, Calif.
184	Salt Lake City, Utah
185	San Angelo, Tex.
186	San Antonio, Tex.
187	San Bernardino-Riverside- Ontario, Calif.
188	San Diego, Calif.
189	San Francisco-Oakland, Calif.
190	San Jose, Calif.
191	Santa Barbara, Calif.
192	Santa Rosa, Calif.
193	Savannah, Ga.
194	Scranton, Pa.
195	Seattle-Everett, Wash.
196	Sherman-Denison, Tex.
197	Shreveport, La.
198	Sioux City, Iowa-Nebr.
199	Sioux Falls, S. Dak.
200	South Bend, Ind.

Report number	Area
201	Spokane, Wash.
202	Springfield, Ill.
203	Springfield, Mo.
204	Springfield, Ohio
205	Springfield-Chicopee-Holyoke, Mass.-Conn.*
206	Stamford, Conn.
207	Steubenville-Weirton, Ohio- W. Va.
208	Stockton, Calif.
209	Syracuse, N.Y.
210	Tacoma, Wash.
211	Tallahassee, Fla.
212	Tampa-St. Petersburg, Fla.
213	Terre Haute, Ind.
214	Texarkana, Tex.-Ark.
215	Toledo, Ohio-Mich.
216	Topeka, Kans.
217	Trenton, N.J.
218	Tucson, Ariz.
219	Tulsa, Okla.
220	Tuscaloosa, Ala.
221	Tyler, Tex.
222	Utica-Rome, N.Y.
223	Vallejo-Napa, Calif.
224	Vineland-Millville-Bridgeton, N.J.
225	Waco, Tex.
226	Washington, D.C.-Md.-Va.
227	Waterbury, Conn.*
228	Waterloo, Iowa
229	West Palm Beach, Fla.
230	Wheeling, W. Va.-Ohio
231	Wichita, Kans.
232	Wichita Falls, Tex.*
233	Wilkes-Barre-Hazleton, Pa.
234	Wilmington, Del.-N.J.-Md.
235	Wilmington, N.C.
236	Worcester, Mass.*
237	York, Pa.
238	Youngstown-Warren, Ohio*
239	Mayagüez, P.R.
240	Ponce, P.R.
241	San Juan, P.R.

## INTRODUCTION

## APPENDIXES

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### GENERAL

This report presents statistics by census tract on the characteristics of the population and housing units as reported in the 1970 Census of Population and Housing. Legal provision for this census, which was conducted as of April 1, 1970, was made in the Act of Congress of August 31, 1954 (amended August 1957), which codified Title 13, United States Code. This report series contains 241 reports as listed on page II. Each report relates to a particular standard metropolitan statistical area (SMSA), and in some cases also covers certain areas adjacent to the SMSA. As stated on page App-2, there are 247 currently recognized SMSA's, including four in Puerto Rico. There are no reports in this series for six of these SMSA's because they were newly designated on the basis of the 1970 census results and census tracts had not been established for them previously.

This series of reports is one of the several series which present the information compiled from the census. For a description of the full data dissemination program see Appendix D, "Publication and Computer Summary Tape Program."

The content and procedures of the 1970 census were determined after

evaluation of the results of the 1960 census, consultation with a wide variety of users of census data, and extensive field pretesting. A number of changes were introduced in 1970 to improve the usefulness of the census results. For the characteristics shown in this report, the changes do not, however, affect to any appreciable extent the comparability of the 1970 data with those for 1960.

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 later reports of the 1970 census.

**Organization of the text.**—The text consists of this introduction and four appendixes, which appear after the tables. Appendix A describes area classifications, defines census tracts, and traces some of the history of the development of census tract statistics. Appendix B provides definitions and explanations of the population and housing subjects appearing in the report. Appendix C presents information on sources of error in the data, sampling variability, ratio estimation, and editing procedures. Appendix D summarizes the data dissemination program of the 1970 census.

**Content of the tables.**—There are two numbered series of tables. Tables P-1 to P-8 present population statistics and tables H-1 to H-5 present housing statistics. Tables P-5 to P-8 and H-3 to H-5 relate to Negroes and to persons of Spanish language or surname or persons of Puerto Rican birth or parentage; they include only those tracts that have a population of 400 or more for the particular group.

The tables include data for the component counties and places of 25,000 or more in the SMSA, as well as for the tracts. All tables are arranged in identical fashion. Summations are presented first for the SMSA, followed by the component counties in alphabetical order (within State, if the SMSA crosses State lines). Shown under each county is the summation for each component place of 25,000 inhabitants or more and the balance of the county. Following these summations are the data for individual tracts (arranged in the above-mentioned geographic order) within the SMSA; and, in certain cases, for individual tracts in territory contiguous to the SMSA. When a tract crosses the boundary of a place of 25,000 inhabitants or more, statistics for the portion of the tract which lies inside the place are shown with the figure for the place; statistics for the remainder of the tract are shown as part of another place and/or under the county balance, as appropriate. The totals for each of these "split" tracts appear at the end of the table.

**Sample size.**—Tables P-1, H-1, and H-3 contain 100-percent data; the remaining tables contain data based on a sample of the population, with sampling rates of 20 percent or 15 percent. Figures for the total population or for some subgroups of the population (e.g., the population 5 years old and over) may differ from table to table or within the same table when the figures are tabulated from different samples. The sample size for each subject is stated in table C, Appendix C, "Accuracy of the Data." Appendix C also provides information on the sampling variability associated with the data.

**Derived figures (percents, medians, etc.).**—Percents, medians, and means, as well as certain rates and ratios are shown in these reports. For all types of derived figures in this report, the figure is not presented (but indicated by three dots "...") if the base is smaller than the minimum number prescribed for the sample on which the figure is based. The minimum bases are 5 (persons, families, households, or housing units) for figures derived from 100-percent tabulations, 25 for figures based on the 20-percent sample, and 33 for those based on the 15-percent sample. When a cross-tabulation of two or more characteristics covers subjects based on different samples, the minimum base for the smaller sample applies. Although figures are shown for all areas, except when the base is less than the specified minimum, the reader should exercise caution in the use and interpretation of data for very small areas or subgroups of the population; these data are especially subject to the effects of sampling variability, misreporting, and processing errors.

Percents which round to less than 0.1 are not shown but indicated as zero (i.e., "-"). The median, which is a type of average, is the middle value in a distribution, i.e., the median divides the distribution into two equal parts—one-half of the cases fall below the median and one-half of the cases exceed the median. When the median falls in the lower terminal category of an open-end distribution, the method of presentation is to show the initial value of the next category followed by a minus sign; thus, for example, if the median falls in the category "Less than \$5,000," it is shown as "\$5,000-." When the median falls in the upper terminal category of an open-end distribution, the method of

presentation is to show the initial value of the terminal category followed by a plus sign; thus, for example, if the median falls in the category "75 years and over," it is shown as "75+." The mean is the arithmetic average derived by adding the values in a particular distribution and dividing by the number of units in the distribution.

**Symbols.**—A dash "-" signifies zero. Three dots "..." mean not applicable, or that the base for the derived figure is too small for it to be shown, or that the data are being withheld to avoid disclosure of information for individuals. The symbol "U" means that the place is "unincorporated."

**Boundaries.**—Information on changes in the boundaries of tracts between 1960 and 1970 for this area appears after the Introduction. Information on boundary changes between 1960 and 1970 for certain types of areas other than tracts is given in the 1970 Population Census PC(1)-A report for each State.

#### DATA COLLECTION PROCEDURES

The 1970 census was conducted primarily through self-enumeration. In 1960, self-enumeration was first introduced on a nationwide scale as a substitute for the traditional census direct interview.

A census questionnaire was delivered by postal carriers to every household several days before Census Day, April 1, 1970. This questionnaire contained certain explanatory information and was accompanied by an instruction sheet; in areas with comparatively large proportions of Spanish-speaking persons, a Spanish version of the instruction sheet was also enclosed.

In the larger metropolitan areas and some adjacent counties, altogether containing about three-fifths of the population of the United States, the householder was requested to fill out and mail back the form on Census Day. Approximately 87 percent of the householders did so. The mailed-back forms were reviewed by the census enumerator (or, in some localities, a census clerk) and if the form was determined to be incomplete or inconsistent, a followup was made. The bulk of these followups were made by telephone, the rest by personal visit. For the households which did not mail back their forms, a followup was also made, in almost all cases by personal visit and in the remainder by telephone.

For the remaining two-fifths of the population, the householder was requested to fill out the form and give it to the enumerator when he called; approximately 80 percent did so. Incomplete and unfilled forms were completed by interview during the enumerator's visit.

Three types of questionnaires were used throughout the country; 80 percent of the households answered a form containing a limited number of population and housing questions and the remainder, split into 15-percent and 5-percent samples, answered forms which contained these questions as well as a number of additional questions. Some of the additional questions were the same on the 15-percent and 5-percent versions; others were different. A random procedure was used to determine which of the three forms any particular household answered.

In the metropolitan and adjacent areas, the designated type of questionnaire was sent to each household. In the remaining areas, the questionnaire

with a limited number of questions was distributed to all households, and the enumerators obtained the additional information by interview in those households designated for the 15-percent and 5-percent samples.

**PROCESSING PROCEDURES**

The 1970 census questionnaires were specially designed to be processed by FOSDIC (Film Optical Sensing Device for Input to Computer). 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 onto computer magnetic tape with no intervening manual processing. A number of the items, however, required reviewing written entries to determine the proper code. Consequently, the processing involved a manual coding and editing operation in which clerks determined the appropriate codes and marked the specified positions on the questionnaire; for example, the clerks applied a 2-digit numerical code for the country-of-birth entry. These marks, as well as those made by the respondent and enumerator, were read

by FOSDIC onto magnetic 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 (see Appendix C, "Accuracy of the Data"). One of the end results of this operation was a computer tape from which the tables in this report were prepared on a cathode-ray-tube phototypesetting machine at the Government Printing Office. Another end result was the summary tapes which are available for purchase, as described in Appendix D, "Publication and Computer Summary Tape Program."

**TRACT COMPOSITION OF CENTRAL BUSINESS DISTRICT**

1970 Tracts

Grand Rapids . . . . . 20

## Table A. Tract Comparability: 1970 to 1960

[Only part of the area was tracted in 1960. The census tracts were extensively revised and only those tracts that are comparable are listed]

1970 tract	1960 tract
<b>KENT COUNTY, MICH.</b>	
0005 . . . . .	0001
0008 . . . . .	0004
0009 . . . . .	0005
0020 . . . . .	0016
0033 . . . . .	0027
0037 . . . . .	0032
0041 . . . . .	0033
0130 . . . . .	K-0046 PART
0131 . . . . .	K-0046 PART
0132 . . . . .	K-0046 PART
0145 . . . . .	K-0042

**CORRECTION NOTE**

The data presented for certain tracts in this SMSA contain errors which were found too late for retabulation to be feasible. The corrected 100-percent population and housing unit counts listed below for the affected tracts (and other areas) are not reflected in the tables of this report. County and place corrections shown here are consistent with (or revise) the information provided in the PC(1)-A and B, and HC(1)-A, State reports.

	<u>Population</u>		<u>Housing units</u>	
	As shown in		As shown in	
	<u>table P-1</u>	<u>Corrected</u>	<u>table H-1</u>	<u>Corrected</u>
Ottawa County:				
Place:				
Holland (part)....	22,991	23,133	7,260	7,302
Tracts:				
223.....	5,174	5,127	1,368	1,349
228.....	2,768	2,815	801	820

Table P-1. General Characteristics of the Population: 1970

[For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

Census Tracts	Kent County				Ottawa County			Grand Rapids							
	Total SMSA	Total	Grand Rapids	Wyoming	Balance	Total	Holland (part)	Balance	Tract 0001	Tract 0002	Tract 0003	Tract 0004	Tract 0005	Tract 0006	
<b>RACE</b>															
All persons	539 225	411 044	197 649	56 560	156 835	128 181	22 991	105 190	2 095	2 810	2 345	4 226	5 115	3 912	
White	513 298	385 978	174 025	56 031	155 922	127 320	22 738	104 582	2 091	2 768	2 324	4 212	5 102	3 902	
Negro	23 429	23 076	22 296	291	489	353	86	267	1	23	13	7	3	2	
Percent Negro	4.3	5.6	11.3	0.5	0.3	0.3	0.4	0.3	-	0.8	0.6	0.2	0.1	0.1	
<b>AGE BY SEX</b>															
<b>Male, all ages</b>	260 873	197 710	92 775	27 435	77 300	63 163	10 849	52 314	1 007	1 697	1 119	1 993	2 460	1 840	
Under 5 years	25 432	19 078	8 749	2 741	7 588	6 354	990	5 364	79	85	80	133	147	136	
3 and 4 years	10 509	7 876	3 520	1 129	3 227	2 633	389	2 244	28	35	38	48	69	68	
5 to 9 years	30 002	22 387	9 521	3 209	9 457	7 615	1 045	6 570	93	131	115	159	216	194	
5 years	5 717	4 271	1 833	593	1 845	1 446	202	1 244	16	21	21	29	37	35	
6 years	6 038	4 548	1 927	693	1 928	1 490	196	1 294	19	25	20	27	41	35	
10 to 14 years	31 268	23 407	9 909	3 351	10 147	7 861	1 121	6 740	114	142	131	201	268	241	
14 years	6 130	4 568	1 941	652	1 975	1 562	242	1 320	28	32	26	53	60	50	
15 to 19 years	27 184	20 461	9 759	2 868	7 834	6 725	1 302	5 423	119	94	142	216	319	201	
15 years	5 899	4 274	1 940	621	1 913	1 425	199	1 226	27	23	29	34	63	44	
16 years	5 831	4 357	1 906	629	1 822	1 474	235	1 239	21	26	37	44	82	53	
17 years	5 540	4 187	1 881	624	1 682	1 353	234	1 119	29	22	36	48	73	47	
18 years	5 287	3 973	2 042	558	1 373	1 314	291	1 023	26	16	23	57	59	34	
19 years	4 629	3 470	1 990	436	1 044	1 159	343	816	16	7	17	33	42	23	
20 to 24 years	18 802	14 352	7 940	2 060	4 352	4 450	1 124	3 326	51	47	60	129	113	97	
20 years	3 842	2 894	1 749	323	822	948	286	662	11	11	14	30	30	23	
21 years	3 564	2 652	1 539	374	739	912	304	608	11	9	16	17	13	16	
25 to 34 years	31 763	23 644	10 301	3 576	9 767	8 119	1 178	6 941	125	141	112	194	186	160	
35 to 44 years	28 832	21 771	8 958	3 176	9 637	7 061	1 047	6 014	135	139	136	168	284	213	
45 to 54 years	27 233	21 108	9 932	3 008	8 168	6 125	1 061	5 064	121	221	167	254	359	280	
55 to 59 years	11 440	8 865	4 594	1 058	3 213	2 575	492	2 083	62	96	53	137	167	114	
60 to 64 years	9 270	7 158	3 912	872	2 574	2 112	452	1 660	36	100	47	133	140	73	
65 to 74 years	12 247	9 635	5 503	1 029	3 103	2 612	652	1 960	44	223	53	182	183	82	
75 years and over	7 398	5 844	3 697	487	1 660	1 554	385	1 169	28	278	23	87	78	49	
<b>Female, all ages</b>	278 352	213 334	104 874	29 125	79 335	65 018	12 142	52 876	1 088	1 113	1 226	2 233	2 655	2 072	
Under 5 years	24 365	18 421	8 480	2 679	7 262	5 944	884	5 060	72	98	89	143	141	146	
3 and 4 years	10 015	7 559	3 442	1 069	3 048	2 456	369	2 087	37	46	44	58	60	61	
5 to 9 years	28 785	21 458	9 169	3 043	9 246	7 327	1 058	6 269	105	112	132	156	219	176	
5 years	5 451	4 112	1 789	584	1 739	1 329	193	1 146	19	19	24	32	41	29	
6 years	5 647	4 176	1 818	601	1 757	1 471	215	1 256	26	21	32	26	38	36	
10 to 14 years	29 820	22 495	9 666	3 299	9 530	7 325	1 092	6 233	108	131	147	185	239	235	
14 years	5 853	4 417	1 880	677	1 860	1 436	230	1 206	24	17	20	27	41	50	
15 to 19 years	27 979	21 195	10 480	2 886	7 829	6 784	1 523	5 261	95	100	130	182	279	222	
15 years	5 879	4 459	1 936	681	1 842	1 420	240	1 180	27	19	32	36	63	55	
16 years	5 615	4 281	1 914	615	1 752	1 334	231	1 103	22	25	24	46	58	42	
17 years	5 467	4 159	1 851	579	1 729	1 308	231	1 077	19	21	28	33	69	50	
18 years	5 612	4 239	2 344	532	1 363	1 373	387	986	15	21	29	35	43	42	
19 years	5 406	4 057	2 435	479	1 143	1 349	434	915	12	14	17	32	46	33	
20 to 24 years	23 307	18 004	10 083	2 593	5 328	5 303	1 284	4 019	88	68	52	148	119	111	
20 years	5 230	3 967	2 360	503	1 104	1 263	359	904	18	12	17	46	29	23	
21 years	4 972	3 825	2 261	550	1 014	1 147	326	821	11	16	10	27	20	28	
25 to 34 years	33 506	25 123	10 764	3 751	10 608	8 383	1 168	7 215	134	135	139	180	225	187	
35 to 44 years	30 221	23 153	9 903	3 417	9 833	7 068	1 120	5 948	140	130	158	189	294	268	
45 to 54 years	29 296	22 736	11 265	3 186	8 285	6 560	1 279	5 281	133	123	160	327	422	272	
55 to 59 years	12 157	9 519	5 294	1 146	3 079	2 638	565	2 073	60	51	69	154	213	118	
60 to 64 years	10 608	8 461	4 893	1 030	2 538	2 147	537	1 610	50	47	53	182	151	90	
65 to 74 years	16 081	12 926	8 070	1 346	3 510	3 155	913	2 242	66	75	66	274	225	109	
75 years and over	12 227	9 843	6 807	749	2 287	2 384	719	1 665	37	43	31	113	128	138	
<b>RELATIONSHIP TO HEAD OF HOUSEHOLD</b>															
All persons	539 225	411 044	197 649	56 560	156 835	128 181	22 991	105 190	2 095	2 810	2 345	4 226	5 115	3 912	
In households	527 539	402 268	190 401	56 362	155 505	125 271	21 299	103 972	2 089	2 137	2 345	4 218	5 115	3 762	
Head of household	159 760	123 826	63 510	16 553	43 763	35 934	6 953	28 981	672	630	697	1 459	1 684	1 081	
Head of family	131 660	100 474	47 422	14 316	38 736	31 186	5 576	25 610	530	542	610	1 166	1 440	959	
Primary individual	28 100	23 352	16 088	2 237	5 027	4 748	1 377	3 371	142	88	87	293	324	122	
Wife of head	117 778	88 860	39 850	13 021	35 989	28 918	4 969	23 949	487	489	554	1 055	1 225	891	
Other relative of head	242 838	183 579	83 100	26 114	74 365	59 259	9 141	50 118	889	1 000	1 081	1 682	2 067	1 760	
Not related to head	7 163	6 003	3 941	674	1 388	1 160	236	924	41	18	13	22	39	30	
In group quarters	11 686	8 776	7 248	198	1 330	2 910	1 692	1 218	6	673	-	8	-	150	
Persons per household	3.30	3.25	3.00	3.40	3.55	3.49	3.06	3.59	3.11	3.39	3.36	2.89	3.04	3.48	
<b>TYPE OF FAMILY AND NUMBER OF OWN CHILDREN</b>															
All families	131 660	100 474	47 422	14 316	38 736	31 186	5 576	25 610	530	542	610	1 166	1 440	959	
With own children under 18 years	78 797	59 099	25 520	8 868	24 711	19 698	3 105	16 593	274	321	370	508	710	563	
Number of children	196 193	146 895	63 669	21 186	62 040	49 298	7 274	42 024	698	794	857	1 184	1 598	1 398	
Husband-wife families	117 778	88 860	39 850	13 021	35 989	28 918	4 969	23 949	487	489	554	1 055	1 225	891	
With own children under 18 years	71 197	52 719	21 452	8 092	23 175	18 478	2 772	15 706	251	291	335	472	660	529	
Number of children	178 337	131 693	53 573	19 480	58 640	46 644	6 550	40 094	651	722	797	1 116	1 506	1 326	
Percent of total under 18 years	87.5	86.0	80.1	88.3	91.4	91.9	86.6	92.9	90.9	86.5	90.6	91.6	91.9	93.4	
Families with other male head	2 440	1 959	1 183	201	575	481	78	403	11	12	12	25	14	19	
With own children under 18 years	800	630	320	78	232	170	23	147	4	5	5	6	7	4	
Number of children	1 725	1 380	704	174	502	345	37	308	10	6	10	12	12	6	
Families with female head	11 442	9 655	6 389	1 094	2 172	1 787	529	1 258	32	41	44	86	99	49	
With own children under 18 years	6 800	5 750	3 748	698	1 304	1 050	310	740	19	25	30	30	43	30</	



Table P-1. **General Characteristics of the Population: 1970—Continued**

(For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text)

		Grand Rapids—Con.													
Census Tracts		Tract 0007	Tract 0008	Tract 0009	Tract 0010	Tract 0011	Tract 0012	Tract 0013	Tract 0014	Tract 0015	Tract 0016	Tract 0017	Tract 0018	Tract 0019	Tract 0020
<b>RACE</b>															
All persons		4 055	3 647	3 952	5 632	5 384	4 028	4 522	2 533	3 265	6 416	5 197	5 265	6 653	1 378
White		4 048	3 622	3 931	5 577	4 874	4 013	4 118	2 426	3 217	6 382	5 183	5 239	6 518	1 340
Negro		—	1	1	41	457	10	338	12	5	3	7	13	4	20
Percent Negro		—	—	—	0.7	8.5	0.2	7.5	0.5	0.2	—	0.1	0.2	0.1	1.3
<b>AGE BY SEX</b>															
Male, all ages		1 928	1 673	1 830	2 629	2 371	1 898	2 114	1 178	1 500	2 951	2 508	2 643	3 172	672
Under 5 years		163	171	188	244	251	135	249	150	188	315	154	182	323	30
3 and 4 years		67	56	73	97	103	60	90	54	67	110	69	97	104	9
5 to 9 years		173	134	198	256	298	202	268	123	140	281	261	274	279	5
5 years		38	29	33	57	54	32	47	27	25	56	48	47	47	3
6 years		29	20	38	46	59	42	60	30	30	68	52	52	65	1
10 to 14 years		209	161	214	311	308	200	271	116	118	284	319	380	288	10
14 years		28	31	47	53	66	44	45	21	27	56	53	72	58	—
15 to 19 years		188	145	185	288	236	220	215	99	97	256	292	356	263	87
15 years		40	32	51	67	55	46	46	22	16	67	55	83	53	—
16 years		47	31	38	56	57	45	43	19	11	58	66	71	64	2
17 years		30	23	37	64	64	46	46	17	19	40	51	60	45	2
18 years		46	26	28	58	33	44	51	18	24	40	51	60	45	2
19 years		25	33	31	43	27	39	29	23	27	51	48	51	44	49
20 to 24 years		135	175	152	193	148	153	200	148	169	315	121	116	298	94
20 years		31	25	36	31	31	38	49	26	25	40	25	33	43	39
21 years		31	25	21	41	27	28	29	19	34	51	19	25	57	21
25 to 34 years		205	169	202	303	284	216	231	146	196	322	199	173	354	79
35 to 44 years		192	127	166	268	295	164	171	105	122	240	265	349	274	45
45 to 54 years		235	182	158	311	281	249	164	85	150	324	307	396	371	57
55 to 59 years		121	96	79	130	130	120	80	51	73	152	160	153	178	44
60 to 64 years		93	76	65	109	113	80	77	44	69	130	126	104	178	53
65 to 74 years		123	139	142	129	116	104	108	60	99	193	150	110	229	79
75 years and over		91	98	81	87	111	55	80	51	79	139	74	50	137	89
Female, all ages		2 127	1 974	2 122	3 063	2 813	2 130	2 408	1 355	1 765	3 465	2 689	2 622	3 481	704
Under 5 years		176	146	173	220	217	140	245	143	221	283	139	156	314	17
3 and 4 years		80	61	81	95	97	48	109	51	88	102	67	64	137	4
5 to 9 years		179	140	206	247	253	182	271	118	140	257	207	256	271	7
5 years		40	27	34	43	45	33	56	20	25	41	29	39	58	2
6 years		34	21	43	56	46	48	45	33	33	47	36	55	64	1
10 to 14 years		194	155	193	295	294	228	258	99	122	260	276	338	283	9
14 years		33	32	39	57	62	32	54	25	27	56	59	73	59	4
15 to 19 years		202	168	189	290	230	220	217	132	138	306	280	312	319	242
15 years		47	30	33	65	64	39	42	25	18	62	75	78	52	2
16 years		34	31	44	65	49	43	44	21	29	59	64	71	63	—
17 years		41	36	37	64	37	39	39	32	23	77	50	72	55	1
18 years		44	28	41	58	37	49	48	27	32	52	47	54	76	113
19 years		36	43	34	38	43	50	44	27	36	56	44	37	73	126
20 to 24 years		155	222	197	261	154	170	230	176	218	405	123	116	340	197
20 years		30	37	37	41	32	38	57	30	45	74	34	32	74	106
21 years		33	63	33	59	30	38	50	44	51	102	30	19	79	50
25 to 34 years		206	156	227	343	318	223	264	161	168	319	205	202	336	33
35 to 44 years		200	142	179	318	311	210	185	116	127	259	330	386	288	22
45 to 54 years		283	222	192	364	329	279	198	105	186	398	416	420	406	14
55 to 59 years		133	121	97	148	127	121	53	101	101	202	161	132	208	17
60 to 64 years		138	143	89	141	101	105	99	66	90	182	137	104	182	20
65 to 74 years		165	205	211	234	159	157	186	96	143	364	204	127	265	35
75 years and over		96	154	169	142	320	84	134	90	111	230	209	73	249	93
<b>RELATIONSHIP TO HEAD OF HOUSEHOLD</b>															
All persons		4 055	3 647	3 952	5 632	5 384	4 028	4 522	2 533	3 265	6 416	5 197	5 265	6 653	1 378
In households		4 055	3 632	3 910	5 598	4 878	4 000	4 456	2 529	3 256	6 347	5 068	5 257	6 608	765
Head of household		1 307	1 354	1 324	1 802	1 402	1 278	1 414	942	1 207	2 237	1 509	1 443	2 450	533
Head of family		1 091	950	966	1 469	1 260	1 006	1 047	620	849	1 680	1 318	1 324	1 645	88
Primary individual		216	404	358	333	142	272	367	322	358	557	191	119	805	445
Wife of head		962	767	808	1 296	1 140	867	800	456	651	1 379	1 184	1 253	1 278	70
Other relative of head		1 758	1 455	1 727	2 426	2 286	1 787	2 171	1 064	1 335	2 653	2 283	2 532	2 754	103
Not related to head		28	56	51	74	50	68	71	67	63	78	32	29	126	59
In group quarters		—	15	42	34	506	28	66	4	9	69	189	8	45	613
Persons per household		3.10	2.68	2.95	3.11	3.48	3.13	3.15	2.68	2.70	2.84	3.32	3.64	2.70	1.44
<b>TYPE OF FAMILY AND NUMBER OF OWN CHILDREN</b>															
All families		1 091	950	966	1 469	1 260	1 006	1 047	620	849	1 680	1 318	1 324	1 645	88
With own children under 18 years		539	435	520	796	766	506	608	341	427	865	686	794	837	38
Number of children		1 309	1 021	1 349	1 911	1 831	1 309	1 675	828	988	1 975	1 693	2 024	2 000	82
Husband-wife families		962	767	808	1 296	1 140	867	800	456	651	1 379	1 184	1 253	1 278	70
With own children under 18 years		491	368	437	713	704	448	468	241	335	729	636	762	659	29
Number of children		1 204	881	1 170	1 737	1 699	1 187	1 275	583	795	1 672	1 584	1 944	1 573	68
Percent of total under 18 years		90.3	80.8	82.9	88.9	87.3	88.3	70.0	65.9	76.1	81.8	91.1	94.7	74.5	80.0
Families with other male head		20	22	20	27	22	25	31	17	38	53	24	18	69	7
With own children under 18 years		3	3	4	9	6	5	4	4	4	15	4	4	13	1
Number of children		3	6	11	20	9	9	6	8	10	37	8	11	32	1
Families with female head		109	161	138	146	98	114	216	147	160	248	110	53	298	11
With own children under 18 years		45	64	79	74	56	53	136	96	88	121	46	28	165	8
Number of children		102	134	168	154	123	113	394	237	183	266	101	69	395	13
Percent of total under 18 years		7.7	12.3	11.9	7.9	6.3	8.4	21.6	26.8	17.5	13.0	5.8	3.4	18.7	15.3
Persons under 18 years		1 333	1 090	1 412	1 954	1 947	1 345	1 822	885	1 045	2 043	1 738	2 052	2 110	85
<b>MARITAL STATUS</b>															
Male, 14 years old and over		1 411	1 238	1 277	1 871	1 790	1 405	1 371	810	1 081	2 127	1 827	1 879	2 340	627
Single		352	332	346	478	469	450	408	239	280	543	517	574	671	323
Married		983	803	843	1 319	1 208	886	851	490	683	1 429	1 228	1 267	1 383	118
Separated		8	18	15	8	15	9	21	17	20	26	7	4	63	31
Widowed		49	50	53	48	68	37	59	27	52	92	51	26	107	83

Table P-1. General Characteristics of the Population: 1970—Continued

[For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

Grand Rapids—Con.														
	Tract 0021	Tract 0022	Tract 0023	Tract 0024	Tract 0025	Tract 0026	Tract 0027	Tract 0028	Tract 0029	Tract 0030	Tract 0031	Tract 0032	Tract 0033	Tract 0034
<b>Census Tracts</b>														
<b>RACE</b>														
All persons	4 455	6 033	5 043	3 848	5 786	3 957	4 981	2 966	2 514	2 419	4 984	6 572	5 113	5 515
White	4 070	5 982	4 908	3 632	4 982	2 653	4 883	354	354	280	754	2 827	3 832	5 480
Negro	343	5	111	167	754	1 244	5	2 582	2 151	2 134	4 214	3 701	1 261	25
Percent Negro	7.7	0.1	2.2	4.3	13.0	31.4	0.1	87.1	85.6	88.2	84.6	56.3	24.7	0.5
<b>AGE BY SEX</b>														
<b>Male, all ages</b>														
Under 5 years	1 911	2 664	2 394	1 617	2 482	1 954	2 353	1 427	1 154	1 109	2 396	3 082	2 241	2 540
3 and 4 years	114	243	161	142	293	261	226	180	153	133	351	385	196	208
5 to 9 years	37	100	74	57	110	100	92	77	68	46	166	178	87	78
5 years	79	233	201	154	215	260	240	167	135	141	318	409	310	217
6 years	20	55	39	25	50	59	45	31	16	33	59	80	61	48
10 to 14 years	14	50	44	30	36	66	47	32	36	22	59	90	57	46
14 years	59	242	203	162	170	237	230	171	145	122	317	363	317	273
15 to 19 years	8	49	37	36	32	52	36	28	28	19	62	69	62	69
15 years	162	235	278	246	216	182	253	116	130	108	272	288	253	305
16 years	14	50	53	20	33	45	67	21	23	22	58	64	58	65
17 years	7	45	47	26	33	39	47	28	24	16	72	56	47	71
18 years	18	40	65	33	34	29	48	25	30	23	50	60	59	71
19 years	44	45	51	82	48	44	55	20	24	22	43	58	51	59
20 to 24 years	79	55	62	85	68	25	36	22	29	25	49	50	38	49
20 years	422	312	175	243	386	136	218	106	131	114	184	406	230	112
21 years	82	65	49	70	68	25	30	29	29	18	40	66	77	35
25 to 34 years	78	55	34	62	89	39	26	39	27	33	32	48	95	58
25 to 34 years	268	361	288	172	354	245	256	128	156	112	261	357	233	257
35 to 44 years	160	207	273	110	202	163	198	134	98	106	254	277	216	251
45 to 54 years	185	251	265	107	172	158	294	145	106	96	184	207	185	377
55 to 59 years	105	141	153	59	93	64	139	42	42	48	69	93	74	171
60 to 64 years	91	140	127	49	113	68	94	47	21	34	54	73	49	150
65 to 74 years	137	173	179	65	165	122	110	105	28	59	73	118	83	158
75 years and over	129	126	91	108	103	58	95	42	9	42	59	106	95	61
<b>Female, all ages</b>														
Under 5 years	2 544	3 369	2 443	2 231	3 304	2 003	2 628	1 539	1 360	1 310	2 588	3 490	2 872	2 975
3 and 4 years	119	264	149	122	271	285	218	166	191	138	300	386	211	188
5 to 9 years	33	95	59	59	97	107	103	61	59	54	117	145	91	85
5 years	63	245	209	121	235	240	238	164	145	140	313	386	294	244
6 years	17	50	38	28	57	50	55	33	35	36	70	84	56	35
10 to 14 years	12	40	36	22	41	53	48	37	21	28	60	79	58	35
14 years	59	241	235	157	162	203	286	141	144	138	298	384	317	273
15 to 19 years	11	51	40	24	32	34	64	35	24	22	71	76	66	57
15 years	322	321	229	383	277	167	256	137	126	119	267	297	246	293
16 years	11	50	59	50	23	37	46	22	23	20	69	62	60	56
17 years	11	75	48	40	38	35	51	31	29	24	39	69	49	72
18 years	19	42	51	25	37	41	51	23	25	27	58	63	44	64
19 years	126	76	27	128	64	27	59	37	24	20	46	48	47	64
20 to 24 years	147	78	44	140	115	27	49	24	25	28	55	55	46	37
20 years	581	449	145	362	477	185	262	118	196	131	211	426	397	136
21 years	156	106	31	95	92	44	51	27	41	27	51	75	108	35
25 to 34 years	141	87	26	122	110	43	47	19	37	23	38	126	137	26
25 to 34 years	248	360	242	183	342	239	234	148	165	153	294	425	297	299
35 to 44 years	143	248	266	136	203	178	234	147	121	124	312	335	238	321
45 to 54 years	179	309	359	148	227	164	290	168	127	122	201	277	215	437
55 to 59 years	133	189	174	72	155	74	123	92	42	54	73	122	75	198
60 to 64 years	130	176	165	73	166	83	144	75	30	52	68	95	66	176
65 to 74 years	285	286	282	173	377	107	204	112	48	86	102	191	170	222
75 years and over	282	281	220	301	412	78	139	71	25	53	149	166	346	188
<b>RELATIONSHIP TO HEAD OF HOUSEHOLD</b>														
<b>All persons</b>														
In households	4 455	6 033	5 043	3 848	5 786	3 957	4 981	2 966	2 514	2 419	4 984	6 572	5 113	5 515
Head of household	4 191	5 987	4 469	2 950	5 668	3 840	4 966	2 904	2 508	2 404	4 851	6 528	4 531	5 440
Head of family	2 408	2 318	1 492	1 007	2 537	1 110	1 681	958	822	812	1 371	1 923	1 182	1 715
Primary individual	788	1 477	1 199	649	1 312	862	1 213	635	543	567	1 093	1 482	970	1 488
Wife of head	1 620	841	293	282	1 245	248	468	323	279	245	278	441	212	227
Other relative of head	579	1 179	1 089	522	970	633	985	406	340	368	701	1 129	836	1 359
Not related to head	777	2 300	1 837	1 313	1 830	2 039	2 232	1 422	1 259	1 151	2 697	3 251	2 344	2 327
In group quarters	427	190	51	184	311	58	68	118	87	73	82	225	169	39
Persons per household	264	46	574	898	118	117	15	62	6	15	133	44	582	75
Persons per household	1.74	2.58	3.00	3.17	2.22	3.46	2.95	3.03	3.05	2.96	3.54	3.39	3.83	3.17
<b>TYPE OF FAMILY AND NUMBER OF OWN CHILDREN</b>														
<b>All families</b>														
With own children under 18 years	788	1 477	1 199	649	1 312	862	1 213	635	543	567	1 093	1 482	970	1 488
Number of children	254	692	577	359	612	541	660	347	344	337	739	906	639	793
Percent of total under 18 years	51.6	1 657	1 397	1 007	1 423	1 598	1 650	966	961	838	2 053	2 509	1 876	1 763
<b>Husband-wife families</b>														
With own children under 18 years	579	1 179	1 089	522	970	633	985	406	340	368	701	1 129	836	1 359
Number of children	161	556	534	299	409	406	542	199	189	198	446	668	551	732
Percent of total under 18 years	34.2	1 350	1 311	848	939	1 170	1 415	555	490	500	1 221	1 776	1 568	1 646
<b>Families with other male head</b>														
With own children under 18 years	58.9	76.3	88.9	80.6	60.8	68.3	80.9	48.7	45.9	53.0	54.4	66.1	79.9	91.9
<b>Families with female head</b>														
With own children under 18 years	36	60	16	20	46	42	33	33	18	20	66	39	10	14
Number of children	5	13	3	6	9	16	10	11	10	6	21	10	2	2
Percent of total under 18 years	5	29	4	14	26	40	14	16	34	24	58	20	4	4
<b>Persons under 18 years</b>														
581	1 770	1 475	1 052	1 544	1 712	1 748	1 139	1 067	944	2 243	2 687	1 962	1 792	
<b>MARITAL STATUS</b>														
<b>Male, 14 years old and over</b>														
Single	1 667	1 995	1 866	1 195	1 836	1 248	1 693	937	749	732	1 472	1 994	1 480	1 911
Married	645	575	609	545	592	387	490	292	285	235	510	672	543	503
Separated	499	1 240	1 205	551	1 030	707	1 039	509	400	414	823	1 199	877	1 374
Widowed	76	31	6	6	36	4	6	49	28	69	23	13	4	4
Divorced	106	88	33	75	90	62	66	52	19	32	46	62	43	23
217	92	19	24	124	92	98	84	45	51	93	61	17	11	
<b>Female, 14 years old and over</b>														
Single	2 314	2 670	2 102	1 855	2 468	1 309	1 950	1 103	904	916	1 748	2 410	2 116	2 327
Married	980	786	651	870	791	274	460	257	274	217	485	662	763	564
Separated	691	1 263	1 118											

Table P-1. General Characteristics of the Population: 1970—Continued

(For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text)

Grand Rapids—Con.														
Census Tracts	Tract 0035	Tract 0036	Tract 0037	Tract 0038	Tract 0039	Tract 0040	Tract 0041	Tract 0042	Tract 0043	Tract 0044	Tract 0045	Tract 0046	Tract 0118	Tract 0126
<b>RACE</b>														
All persons	5 973	2 918	4 810	3 826	2 951	2 983	5 285	4 307	4 190	4 702	3 684	4 001	651	753
White	5 830	2 891	4 529	3 793	2 872	2 961	5 222	4 300	4 157	4 673	3 668	3 859	643	749
Negro	120	1 982	261	11	28	2	43	2	17	15	13	137	5	2
Percent Negro	2.0	67.9	5.4	0.3	0.9	0.1	0.8	—	0.4	0.3	0.4	3.4	0.8	0.3
<b>AGE BY SEX</b>														
<b>Male, all ages</b>														
Under 5 years	2 719	1 416	2 262	1 830	1 389	1 394	2 488	1 953	2 016	2 327	1 786	1 891	287	310
3 and 4 years	296	207	281	224	182	162	198	167	111	141	146	154	10	21
5 to 9 years	107	90	105	86	79	54	72	64	59	61	69	68	5	12
10 to 14 years	255	217	338	221	192	161	268	141	210	215	192	196	13	23
15 to 19 years	48	49	69	48	41	29	47	22	39	43	30	35	2	8
20 to 24 years	48	43	66	48	51	39	55	27	34	39	39	41	3	6
25 to 34 years	246	189	227	182	157	158	271	162	286	255	233	221	14	11
35 to 44 years	42	39	32	45	25	26	54	27	57	48	58	46	5	—
45 to 54 years	216	134	190	162	126	112	225	168	270	590	197	186	101	20
55 to 64 years	41	33	38	41	21	24	51	45	58	47	45	43	5	2
65 to 74 years	55	32	46	32	28	24	42	35	56	40	50	39	2	6
75 years and over	51	26	43	25	26	16	44	29	59	36	38	40	7	5
	36	22	32	31	25	18	45	32	47	204	38	38	39	4
	33	21	31	33	26	30	43	27	50	263	26	26	48	3
	220	101	185	164	130	131	121	127	124	232	81	113	63	59
	39	23	34	29	22	29	27	24	27	144	18	20	33	—
	47	20	29	31	26	19	22	21	25	36	21	21	11	10
	353	154	299	249	164	169	258	250	197	204	200	260	17	82
	244	126	181	155	113	134	255	161	296	260	252	239	13	22
	255	97	170	150	93	104	274	270	296	222	244	232	19	22
	134	39	83	62	48	61	156	125	84	79	74	101	12	9
	141	52	72	74	55	59	139	128	45	52	60	65	9	5
	215	66	134	113	75	97	211	169	72	62	61	88	8	9
	144	34	102	74	54	46	112	85	25	15	46	36	8	27
<b>Female, all ages</b>														
Under 5 years	3 254	1 502	2 548	1 996	1 562	1 589	2 797	2 354	2 174	2 375	1 898	2 110	364	442
3 and 4 years	253	219	239	186	155	186	199	162	104	131	145	153	18	21
5 to 9 years	97	89	84	85	82	57	85	54	57	61	54	68	8	6
10 to 14 years	248	178	272	207	180	134	255	154	203	225	189	202	14	17
15 to 19 years	54	36	61	43	44	32	44	29	27	44	35	37	1	2
20 to 24 years	51	33	57	40	38	27	57	35	33	47	45	36	2	6
25 to 34 years	267	162	239	169	168	145	244	177	294	219	230	228	22	15
35 to 44 years	57	24	42	32	33	25	49	40	56	35	35	44	8	9
45 to 54 years	250	148	184	139	127	128	229	173	249	644	205	155	138	18
55 to 64 years	53	30	43	17	31	24	51	36	67	49	45	35	2	1
65 to 74 years	50	37	40	17	24	25	57	25	52	46	50	31	4	3
75 years and over	47	25	39	40	20	21	44	36	53	45	46	34	5	3
	47	24	38	34	28	26	46	38	39	201	42	30	63	4
	53	32	24	31	24	32	31	38	38	303	31	25	64	7
	290	154	230	218	171	170	160	169	202	241	92	166	77	117
	62	27	55	46	25	33	31	39	46	14	31	37	20	20
	59	33	40	54	36	41	36	32	26	45	20	22	17	25
	379	178	321	234	178	178	260	250	215	193	224	285	15	64
	261	141	196	162	115	142	261	185	336	266	274	254	21	31
	316	95	196	185	123	143	334	354	292	211	235	290	22	17
	188	69	104	79	62	80	177	162	89	91	81	107	8	8
	207	39	111	81	60	81	185	163	73	64	58	81	10	11
	378	71	256	156	93	146	298	279	81	58	74	135	15	17
	217	53	200	152	99	87	195	126	36	32	91	54	4	106
<b>RELATIONSHIP TO HEAD OF HOUSEHOLD</b>														
All persons	5 973	2 918	4 810	3 826	2 951	2 983	5 285	4 307	4 190	4 702	3 684	4 001	651	753
In households	5 973	2 906	4 803	3 777	2 951	2 983	5 275	4 307	4 190	3 511	3 551	4 001	358	613
Head of household	2 102	839	1 527	1 262	884	1 023	1 740	1 564	1 229	963	983	1 305	111	273
Head of family	1 611	638	1 178	944	704	761	1 413	1 260	984	867	908	1 067	87	161
Primary individual	491	201	349	262	180	327	304	304	245	96	75	238	24	111
Wife of head	1 435	435	980	787	585	629	1 264	1 121	909	830	862	980	83	142
Other relative of head	2 363	1 553	2 229	1 664	1 445	1 261	2 201	1 562	1 912	1 685	1 677	1 661	138	155
Not related to head	73	77	67	64	37	70	70	60	140	33	29	55	26	43
In group quarters	—	12	7	49	—	—	10	—	—	1 191	133	—	293	139
Persons per household	2.84	3.46	3.15	2.99	3.34	2.92	3.03	2.75	3.41	3.65	3.61	3.07	3.23	2.25
<b>TYPE OF FAMILY AND NUMBER OF OWN CHILDREN</b>														
All families	1 611	638	1 178	944	704	761	1 413	1 260	984	867	908	1 067	87	142
With own children under 18 years	783	400	652	529	410	395	658	549	628	533	594	574	44	67
Number of children	1 807	1 207	1 751	1 311	1 125	993	1 665	1 145	1 538	1 412	1 392	1 352	109	124
Husband-wife families	1 435	435	980	787	585	629	1 264	1 121	909	830	862	980	83	142
With own children under 18 years	707	244	559	440	338	322	606	502	582	516	565	532	40	51
Number of children	1 643	766	1 478	1 103	917	812	1 531	1 063	1 472	1 377	1 324	1 265	99	102
Percent of total under 18 years	88.2	56.5	80.1	79.4	75.5	77.4	88.8	90.9	94.8	95.0	94.0	91.9	85.3	79.7
Families with other male head	28	24	32	19	27	16	25	24	15	4	6	16	—	6
With own children under 18 years	6	14	8	2	12	7	5	6	8	2	4	7	—	5
Number of children	9	37	23	4	30	8	14	10	11	7	8	19	—	5
Families with female head	148	179	166	138	92	116	124	115	60	33	40	71	4	14
With own children under 18 years	70	142	85	87	60	66	47	41	38	15	25	35	4	11
Number of children	155	404	250	204	178	173	120	72	55	28	60	68	10	17
Percent of total under 18 years	8.3	29.8	13.6	14.7	14.7	16.5	7.0	6.2	3.5	1.9	4.3	4.9	8.6	13.3
Persons under 18 years	1 862	1 355	1 845	1 389	1 215	1 049	1 724	1 169	1 553	1 449	1 409	1 376	116	128
<b>MARITAL STATUS</b>														
<b>Males, 14 years old and over</b>														
Single	1 964	842	1 448	1 248	883	939	1 805	1 510	1 466	1 764	1 273	1 366	255	255
Married	415	265	355	315	225	204	431	313	484	893	343	333	166	62
Separated	1 463	485	1 010	822	605	662	1 286	1 133	926	841	879	990	85	160
Widowed	9	35	12	13	5	17	8	7	10	5	1	5	1	5
Divorced	57	37	50	43	32	34	57	35	21	13	40	25	4	15
	29	55	33	68	21	39	31	29	35	17	11	18	—	18
<b>Females, 14 years old and over</b>														
Single	2 543	967	1 840	1 438	1 061	1 180	2 148	1 901	1 629	1 835	1 369	1 571	318	391
Married	553	236	392	268	222	236	485	430	531	904	327	344	216	104

**Table P-1. General Characteristics of the Population: 1970—Continued**

[For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

Census Tracts	Wyoming												
	Tract 0133	Tract 0134	Tract 0135	Tract 0136	Tract 0137	Tract 0138	Tract 0139	Tract 0140	Tract 0141	Tract 0142	Tract 0143	Tract 0144	Tract 0145
<b>RACE</b>													
All persons	5 316	5 645	4 968	2 217	7 588	5 458	4 964	7 737	2 451	4 311	2 294	1 024	2 587
White	5 295	5 618	4 928	2 206	7 535	5 354	4 866	7 673	2 425	4 272	2 272	1 013	2 574
Negro	-	7	19	-	23	78	69	44	12	21	6	6	6
Percent Negro	-	0.1	0.4	-	0.3	1.4	1.4	0.6	0.5	0.5	0.3	0.6	0.2
<b>AGE BY SEX</b>													
<i>Male, all ages</i>													
Under 5 years	2 505	2 671	2 365	1 027	3 722	2 684	2 477	3 795	1 179	2 100	1 111	533	1 266
3 and 4 years	256	248	220	64	333	312	293	388	129	194	111	61	132
5 to 9 years	100	98	84	21	138	142	121	167	48	90	41	20	59
5 years	274	248	247	86	416	363	323	556	134	190	135	85	152
6 years	55	46	46	15	54	64	81	90	31	36	33	13	29
10 to 14 years	65	51	49	22	99	85	65	120	25	35	28	22	27
14 years	269	314	257	94	468	339	352	566	114	219	133	71	155
15 to 19 years	43	80	46	25	91	72	62	93	22	38	29	14	37
15 years	271	285	251	111	425	247	253	432	117	229	103	46	98
16 years	49	53	59	23	98	62	60	99	23	44	22	9	20
17 years	55	61	55	25	94	62	54	92	29	42	25	13	22
18 years	63	63	42	22	93	58	54	104	27	44	25	9	20
19 years	55	66	52	20	80	33	47	83	23	56	16	8	19
20 to 24 years	49	42	43	21	60	32	38	54	15	43	15	7	17
20 years	185	208	218	70	244	202	178	191	107	238	80	33	106
21 years	20	38	38	10	43	25	23	38	21	31	16	6	14
22 years	41	41	43	11	51	31	26	28	18	57	9	4	14
25 to 34 years	276	294	319	106	477	445	354	485	137	281	153	74	175
35 to 44 years	260	259	266	96	422	337	349	554	125	183	104	59	162
45 to 54 years	252	351	255	144	497	255	235	353	137	220	136	49	124
55 to 59 years	101	125	97	77	153	65	55	103	63	108	45	11	55
60 to 64 years	105	125	76	68	119	45	36	79	41	93	33	17	35
65 to 74 years	155	136	117	83	118	52	35	58	45	100	54	20	56
75 years and over	101	78	42	28	50	22	14	30	30	45	24	7	16
<i>Female, all ages</i>													
Under 5 years	2 811	2 974	2 603	1 190	3 866	2 774	2 487	3 942	1 272	2 211	1 183	491	1 321
3 and 4 years	229	294	202	80	335	324	287	372	116	191	127	41	136
5 to 9 years	84	86	69	43	152	125	117	150	39	77	59	15	53
5 years	263	239	245	83	388	314	346	548	130	180	117	65	125
6 years	52	48	53	18	71	68	58	101	20	40	24	16	15
10 to 14 years	45	43	52	12	82	59	81	104	29	32	23	15	24
14 years	293	324	265	92	424	334	325	602	132	193	116	50	149
15 to 19 years	60	78	51	21	98	60	58	124	20	42	24	7	34
15 years	290	330	266	108	399	259	234	405	119	210	104	45	117
16 years	67	76	59	25	106	61	71	103	29	26	22	10	26
17 years	48	62	55	28	82	55	54	92	23	52	30	5	29
18 years	54	64	51	18	81	57	50	84	26	42	23	10	19
19 years	66	74	55	21	65	40	38	66	21	43	18	9	16
20 to 24 years	55	54	46	16	65	46	21	60	20	47	11	11	27
20 years	240	275	266	91	300	274	197	273	126	275	101	41	134
21 years	54	58	57	14	70	40	25	54	22	63	11	9	26
22 years	63	76	62	16	62	41	40	53	26	54	23	7	27
25 to 34 years	295	303	304	107	475	473	394	570	148	279	144	76	183
35 to 44 years	264	333	298	122	511	347	345	519	127	210	138	58	145
45 to 54 years	309	368	309	179	495	232	192	357	159	260	145	47	134
55 to 59 years	122	135	104	79	181	62	66	108	57	104	50	17	61
60 to 64 years	158	139	106	84	114	50	36	71	43	99	54	22	54
65 to 74 years	222	180	167	103	145	69	41	64	80	138	62	22	53
75 years and over	126	109	71	62	99	36	24	53	35	72	25	7	30
<b>RELATIONSHIP TO HEAD OF HOUSEHOLD</b>													
All persons	5 316	5 645	4 968	2 217	7 588	5 458	4 964	7 737	2 451	4 311	2 294	1 024	2 587
In households	5 296	5 637	4 911	2 214	7 524	5 458	4 942	7 728	2 451	4 296	2 294	1 024	2 587
Head of household	1 643	1 725	1 560	798	2 166	1 511	1 280	1 921	758	1 420	692	289	790
Head of family	1 348	1 481	1 281	643	1 975	1 368	1 189	1 766	622	1 113	604	256	670
Primary individual	295	244	279	155	191	143	91	155	136	307	88	33	120
Wife of head	1 193	1 361	1 170	568	1 792	1 273	1 117	1 647	552	955	531	228	634
Other relative of head	2 394	2 509	2 118	824	3 510	2 605	2 496	4 089	1 102	1 788	1 033	497	1 149
Not related to head	66	42	63	24	56	69	49	71	39	133	38	10	14
In group quarters	20	8	57	3	64	-	22	9	-	15	-	-	-
Persons per household	3.22	3.27	3.15	2.77	3.47	3.61	3.86	4.02	3.23	3.03	3.32	3.54	3.27
<b>TYPE OF FAMILY AND NUMBER OF OWN CHILDREN</b>													
All families	1 348	1 481	1 281	643	1 975	1 368	1 189	1 766	622	1 113	604	256	670
With own children under 18 years	728	835	728	279	1 242	974	865	1 327	365	600	367	165	393
Number of children	1 835	1 908	1 674	599	2 811	2 294	2 193	3 480	847	1 331	844	409	961
Husband-wife families	1 193	1 361	1 170	568	1 792	1 273	1 117	1 647	552	955	531	228	634
With own children under 18 years	649	777	670	242	1 126	899	812	1 237	318	515	324	147	376
Number of children	1 653	1 768	1 568	526	2 570	2 135	2 052	3 269	738	1 163	753	361	924
Percent of total under 18 years	86.1	88.8	89.2	82.2	88.1	91.2	90.4	90.7	80.9	82.1	85.0	84.1	93.8
Families with other male head	23	21	11	9	28	8	14	23	12	32	8	5	7
With own children under 18 years	5	2	2	4	12	6	8	10	6	14	4	3	2
Number of children	18	7	4	9	20	15	20	20	11	22	9	8	11
Families with female head	132	99	100	66	155	87	58	96	58	126	65	23	29
With own children under 18 years	74	56	56	33	104	69	45	80	41	71	39	15	15
Number of children	164	133	102	64	221	144	121	191	98	146	82	40	26
Percent of total under 18 years	8.5	6.7	5.8	10.0	7.6	6.2	5.3	5.3	10.7	10.3	9.3	9.3	2.6
Persons under 18 years	1 920	1 991	1 757	640	2 918	2 341	2 269	3 606	912	1 417	886	429	985
<b>MARITAL STATUS</b>													
<i>Male, 14 years old and over</i>													
Single	1 749	1 941	1 687	808	2 596	1 742	1 571	2 378	824	1 535	761	330	864
Married	432	493	424	190	681	407	399	642	194	431	172	77	191
Separated	1 243	1 387	1 198	583	1 825	1 289	1 133	1 675	581	999	551	236	644
Widowed	14	5	7	4	13	7	6	9	16	17	9	7	7
Divorced	44	43	23	18	40	15	10	19	17	41	16	9	8
	30	18	42	17	50	31	29	42	32	64	22	8	21
<i>Female, 14 years old and over</i>													
Single	2 086	2 250	1 942	956	2 817	1 862	1 587	2 544	914	1 689	847	342	945
Married	487	564	441	186	627	396	343	636	160	378	163	58	201
Separated	1 264	1 408	1 227	590	1 853	1 320	1 139	1 710	597	1 011	555	239	653
Widowed	22	20	26	10	26	22	10	22	20	20	8	7	8
Divorced	252	206	191	124	220	90	57	114	118	187	81	28	68
	83	72	83	56	117	56	48	84	39	113	48	17	23

Table P-1. General Characteristics of the Population: 1970—Continued

[For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

Census Tracts	Balance of Kent County														
	Tract 0001	Tract 0003	Tract 0011	Tract 0044	Tract 0045	Tract 0101	Tract 0102	Tract 0103	Tract 0104	Tract 0105	Tract 0106	Tract 0107	Tract 0108	Tract 0109	Tract 0110
<b>RACE</b>															
All persons	45	132	7	74	241	3 396	1 807	4 752	3 372	3 094	3 088	2 428	4 355	5 583	3 195
White	45	131	7	73	223	3 385	1 797	4 747	3 363	3 081	3 076	2 422	4 333	5 529	3 191
Negro	-	-	-	-	18	6	-	1	1	1	-	1	12	39	2
Percent Negro	-	-	-	-	7.5	0.2	-	-	-	-	-	-	0.3	0.7	0.1
<b>AGE BY SEX</b>															
<b>Male, all ages</b>															
Under 5 years	22	76	4	40	119	1 720	877	2 386	1 647	1 466	1 564	1 165	2 198	2 782	1 585
3 and 4 years	2	9	2	2	4	163	77	242	172	151	161	129	203	214	121
5 to 9 years	2	4	1	2	1	68	23	107	69	64	68	61	76	89	45
5 years	4	6	-	5	1	200	107	307	210	141	209	137	258	333	228
6 years	-	-	-	1	-	37	18	58	39	27	34	34	50	67	46
10 to 14 years	-	4	-	-	1	37	21	68	39	33	40	26	54	65	51
14 years	3	8	-	6	2	237	97	307	199	173	221	131	248	370	202
15 to 19 years	1	2	-	1	-	49	19	54	40	43	45	29	54	60	44
15 years	-	5	-	3	1	183	85	273	152	152	159	116	197	337	169
16 years	-	4	-	1	-	48	22	76	31	35	43	31	60	89	46
17 years	-	-	-	2	-	32	19	65	45	41	31	24	44	84	38
18 years	-	1	-	-	1	40	21	46	32	26	33	26	36	78	40
19 years	-	-	-	-	-	43	9	50	30	27	28	21	27	54	26
20 to 24 years	-	-	-	-	-	20	14	36	14	23	24	14	30	32	19
20 years	2	4	-	1	4	104	82	137	115	94	82	63	142	135	71
21 years	-	1	-	1	-	22	14	18	21	13	18	11	29	22	20
22 years	-	2	-	-	-	26	19	27	12	14	17	9	21	21	8
25 to 34 years	3	11	1	3	2	204	95	296	213	186	193	158	262	280	200
35 to 44 years	1	10	-	2	6	180	97	250	190	148	196	154	241	378	209
45 to 54 years	5	7	-	8	6	166	83	225	158	156	163	102	260	309	174
55 to 59 years	1	3	1	6	6	79	35	95	74	66	59	47	112	146	81
60 to 64 years	-	5	-	1	7	70	36	92	65	58	35	36	83	99	44
65 to 74 years	1	6	-	2	26	81	43	91	65	86	49	67	122	127	61
75 years and over	-	2	-	1	54	53	40	71	34	55	37	25	70	54	25
<b>Female, all ages</b>															
Under 5 years	23	56	3	34	122	1 676	930	2 366	1 725	1 628	1 524	1 263	2 157	2 801	1 610
3 and 4 years	-	2	-	-	2	144	77	253	162	146	131	102	209	245	151
5 to 9 years	3	4	-	1	4	74	27	103	67	62	67	41	102	107	73
5 years	-	1	-	-	-	204	87	285	220	165	220	146	209	319	215
6 years	2	-	-	1	2	42	18	46	48	28	42	26	37	54	41
10 to 14 years	-	-	-	2	4	40	16	54	40	34	42	22	43	65	44
14 years	3	5	-	2	4	184	100	311	211	166	190	125	255	358	209
15 to 19 years	-	1	-	1	1	35	23	55	45	34	37	18	43	74	40
15 years	2	5	1	5	1	175	93	231	183	158	158	124	201	303	127
16 years	-	-	-	2	1	46	22	48	45	28	44	33	42	77	31
17 years	-	3	-	1	-	46	16	54	42	33	37	29	57	65	28
18 years	1	2	-	-	-	45	18	50	37	39	38	25	47	66	30
19 years	-	-	1	2	-	18	22	44	34	33	21	22	30	57	23
20 to 24 years	1	-	-	-	-	20	15	35	25	25	18	15	25	38	15
20 years	3	1	1	1	4	114	76	163	147	109	98	104	156	158	79
21 years	-	-	-	-	-	28	19	24	40	20	15	18	40	28	22
25 to 34 years	2	10	-	2	1	215	106	310	221	199	200	150	281	331	240
35 to 44 years	1	8	-	4	7	181	91	234	196	172	189	141	242	369	209
45 to 54 years	5	9	1	12	13	179	109	237	169	155	161	111	252	301	165
55 to 59 years	1	3	-	3	7	80	38	92	58	79	37	63	96	131	64
60 to 64 years	1	3	-	1	3	49	33	71	55	66	43	44	80	95	64
65 to 74 years	2	5	-	1	20	93	58	117	65	107	55	96	107	119	63
75 years and over	-	1	-	2	56	58	62	38	106	42	57	69	72	72	24
<b>RELATIONSHIP TO HEAD OF HOUSEHOLD</b>															
All persons	45	132	7	74	241	3 396	1 807	4 752	3 372	3 094	3 088	2 428	4 355	5 583	3 195
In households	45	132	7	74	58	3 356	1 792	4 743	3 372	3 050	3 088	2 428	4 339	5 566	3 175
Head of household	14	42	2	24	20	972	573	1 302	937	961	819	763	1 275	1 537	884
Head of family	12	38	2	22	18	833	463	1 154	842	774	735	609	1 145	1 362	788
Primary individual	2	4	-	2	2	139	110	148	95	187	84	154	130	175	96
Wife of head	9	37	2	21	17	763	415	1 072	788	699	685	552	1 069	1 271	739
Other relative of head	22	53	3	27	21	1 588	794	2 344	1 626	1 355	1 559	1 087	1 947	2 704	1 535
Not related to head	-	-	-	2	-	33	10	25	21	35	25	26	48	54	17
In group quarters	-	-	-	-	183	40	15	9	-	44	-	-	16	17	20
Persons per household	3.21	3.14	...	3.08	2.90	3.45	3.13	3.64	3.60	3.17	3.77	3.18	3.40	3.62	3.59
<b>TYPE OF FAMILY AND NUMBER OF OWN CHILDREN</b>															
All families	12	38	2	22	18	833	463	1 154	842	774	735	609	1 145	1 362	788
With own children under 18 years	6	20	1	11	8	490	266	729	532	459	498	371	656	814	495
Number of children	16	43	2	21	19	1 291	643	1 977	1 359	1 070	1 281	907	1 601	2 189	1 307
Husband-wife families	9	37	2	21	17	763	415	1 072	788	699	685	552	1 069	1 271	739
With own children under 18 years	4	20	1	11	8	455	239	684	501	417	449	338	611	767	458
Number of children	10	43	2	21	19	1 202	588	1 871	1 291	989	1 205	838	1 507	2 070	1 233
Percent of total under 18 years	62.5	97.7	...	95.5	100.0	86.5	88.7	91.5	91.8	86.5	88.7	89.3	90.3	90.1	92.1
Families with other male head	-	1	-	-	-	19	8	13	12	9	10	14	23	33	13
With own children under 18 years	-	-	-	-	-	9	3	4	2	3	3	7	11	13	10
Number of children	-	-	-	-	-	29	8	9	5	3	6	10	26	24	18
Families with female head	3	-	-	1	1	51	40	67	42	66	40	43	53	58	34
With own children under 18 years	2	-	-	-	-	26	24	41	29	39	26	26	34	34	27
Number of children	6	-	-	-	-	60	47	97	63	78	70	59	68	95	56
Percent of total under 18 years	37.5	-	-	-	-	4.3	7.1	4.7	4.5	6.8	5.2	6.3	4.1	4.1	4.2
Persons under 18 years	16	44	2	22	19	1 389	663	2 044	1 406	1 144	1 358	938	1 668	2 298	1 339
<b>MARITAL STATUS</b>															
<b>Male, 14 years old and over</b>															
Single	14	55	2	28	112	1 169	615	1 584	1 106	1 044	1 018	797	1 543	1 925	1 078
Married	4	14	-	6	31	308	158	405	264	259	260	187	367	534	281
Separated	10	39	2	21	30	793	426	1 105	800	719	710	568	1 094	1 304	751
Widowed	1	-	-	2	9	9	1	13	3	8	12	11	6	10	4
Divorced	-	1	-	1	33	38	17	39	23	43	22	17	50	47	19
Female, 14 years old and over	-	1	-	-	18	30	14	35	19	23	26	25	32	40	27
Single	17	45	3	32	113	1 179	689	1 572	1 177	1 185	1 020	908	1 527	1 953	1 075
Married	3	6	1	7	27	236	142	298	269	234	216	178	295	471	224
Separated	10	38	2	21	26	802									

**Table P-1. General Characteristics of the Population: 1970—Continued**

[For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

Balance of Kent County—Con.

**Census Tracts**

**RACE**

	Tract 0111	Tract 0112	Tract 0113	Tract 0114	Tract 0115	Tract 0116	Tract 0117	Tract 0118	Tract 0119	Tract 0120	Tract 0121	Tract 0122	Tract 0123	Tract 0124	Tract 0125
<b>All persons</b> .....	3 123	4 403	6 194	8 271	4 443	3 121	3 928	5 783	4 479	4 989	3 068	5 243	3 369	4 540	5 424
White .....	3 114	4 384	6 166	8 230	4 436	3 115	3 911	5 754	4 437	4 967	3 055	5 227	3 353	4 521	5 406
Negro .....	1	—	4	11	1	4	3	13	32	3	1	5	12	4	6
Percent Negro .....	—	—	0.1	0.1	—	0.1	0.1	0.2	0.7	0.1	—	0.1	0.4	0.1	0.1

**AGE BY SEX**

	Tract 0111	Tract 0112	Tract 0113	Tract 0114	Tract 0115	Tract 0116	Tract 0117	Tract 0118	Tract 0119	Tract 0120	Tract 0121	Tract 0122	Tract 0123	Tract 0124	Tract 0125
<b>Male, all ages</b> .....	1 583	2 141	3 142	4 051	2 127	1 542	2 016	2 886	2 208	2 493	1 480	2 432	1 629	2 107	2 683
Under 5 years .....	165	212	376	449	198	160	193	255	182	231	150	219	77	158	209
3 and 4 years .....	68	84	160	222	86	72	87	109	96	87	52	102	36	68	87
5 to 9 years .....	180	288	464	594	237	198	296	308	278	311	170	320	155	245	306
5 years .....	34	53	94	115	49	34	67	55	50	49	32	57	21	35	52
6 years .....	35	56	86	109	48	41	56	65	63	72	28	70	27	55	68
10 to 14 years .....	223	266	473	577	240	192	252	405	316	331	187	369	207	297	395
14 years .....	41	56	90	103	57	31	40	93	66	58	32	65	38	67	72
15 to 19 years .....	153	202	282	382	219	144	210	258	242	229	135	283	209	240	357
15 years .....	38	46	72	97	46	32	56	69	54	53	35	71	38	65	89
16 years .....	31	42	72	93	53	33	66	57	63	49	35	78	38	59	101
17 years .....	33	49	57	82	49	30	33	61	54	43	29	60	44	52	82
18 years .....	30	36	52	64	36	30	37	50	36	50	23	43	45	37	46
19 years .....	21	29	29	46	35	19	18	21	35	34	13	31	44	27	39
20 to 24 years .....	96	159	125	198	124	75	92	137	100	143	105	115	61	81	78
20 years .....	19	27	16	42	17	20	24	29	18	26	14	27	11	22	22
21 years .....	17	25	13	34	23	10	12	18	21	21	18	17	16	15	14
25 to 34 years .....	193	271	465	520	323	209	266	367	259	285	171	278	92	196	254
35 to 44 years .....	197	283	471	545	246	174	250	380	291	314	180	361	183	257	391
45 to 54 years .....	174	232	265	377	222	189	188	366	257	236	134	308	247	275	391
55 to 59 years .....	71	82	81	135	100	61	97	135	108	102	66	129	96	100	102
60 to 64 years .....	42	46	61	93	86	51	65	111	66	85	51	96	82	89	74
65 to 74 years .....	57	73	59	118	95	65	81	119	77	139	70	103	158	108	90
75 years and over .....	32	27	20	63	37	24	26	45	32	87	61	51	62	61	36
<b>Female, all ages</b> .....	1 540	2 262	3 052	4 220	2 316	1 579	1 912	2 897	2 271	2 496	1 588	2 611	1 740	2 433	2 741
Under 5 years .....	126	196	328	415	252	133	192	253	184	227	155	212	82	157	175
3 and 4 years .....	54	89	141	189	88	63	78	113	74	105	65	86	36	59	72
5 to 9 years .....	170	265	413	624	238	200	213	304	259	294	160	315	138	226	278
5 years .....	27	52	68	139	57	31	39	64	44	48	43	66	20	39	50
6 years .....	32	41	76	109	53	40	39	58	55	65	30	57	22	47	39
10 to 14 years .....	195	278	377	594	239	197	262	330	328	298	180	312	166	287	400
14 years .....	36	59	75	116	45	41	55	71	70	48	32	66	40	55	91
15 to 19 years .....	172	231	300	391	211	157	169	287	233	272	145	255	174	289	278
15 years .....	52	59	87	95	51	33	49	80	50	57	35	61	42	55	77
16 years .....	39	49	73	102	37	31	39	65	52	60	32	58	44	65	55
17 years .....	31	38	78	84	50	45	31	67	59	50	26	57	39	79	69
18 years .....	32	52	32	53	38	30	27	38	41	52	21	42	15	28	50
19 years .....	18	33	30	57	35	18	23	37	31	53	21	42	15	42	27
20 to 24 years .....	105	207	172	263	174	90	94	148	120	143	123	111	62	162	101
20 years .....	18	50	34	52	29	24	15	26	22	32	29	29	16	51	23
21 years .....	35	39	31	55	32	14	19	27	24	22	30	24	13	39	15
25 to 34 years .....	183	301	503	600	334	235	274	373	296	320	163	339	124	246	302
35 to 44 years .....	191	278	475	543	251	191	263	417	306	282	181	365	200	301	447
45 to 54 years .....	181	241	263	359	258	172	188	372	254	230	164	324	289	274	381
55 to 59 years .....	62	77	79	122	129	56	86	127	93	96	64	109	103	122	102
60 to 64 years .....	50	68	43	112	84	57	59	108	70	91	52	102	112	104	90
65 to 74 years .....	68	87	72	128	89	65	84	128	77	155	105	107	175	154	118
75 years and over .....	37	33	27	69	57	26	28	50	51	88	96	59	115	107	69

**RELATIONSHIP TO HEAD OF HOUSEHOLD**

	Tract 0111	Tract 0112	Tract 0113	Tract 0114	Tract 0115	Tract 0116	Tract 0117	Tract 0118	Tract 0119	Tract 0120	Tract 0121	Tract 0122	Tract 0123	Tract 0124	Tract 0125
<b>All persons</b> .....	3 123	4 403	6 194	8 271	4 443	3 121	3 928	5 783	4 479	4 989	3 068	5 243	3 369	4 540	5 424
In households .....	3 114	4 403	6 194	8 267	4 443	3 121	3 928	5 783	4 471	4 966	3 005	5 243	3 342	4 452	5 424
Head of household .....	863	1 292	1 564	2 106	1 269	855	1 047	1 667	1 214	1 408	922	1 457	1 124	1 308	1 498
Head of family .....	750	1 086	1 481	2 121	1 151	776	968	1 506	1 094	1 226	740	1 332	916	1 135	1 387
Primary individual .....	113	206	83	185	118	79	79	161	120	182	182	125	208	173	111
Wife of head .....	695	986	1 404	1 770	1 062	725	905	1 425	1 010	1 150	657	1 253	845	1 028	1 298
Other relative of head .....	1 530	2 087	3 183	4 353	2 073	1 521	1 956	2 635	2 218	2 362	1 380	2 477	1 336	2 054	2 606
Not related to head .....	26	38	43	38	39	20	20	56	29	46	46	56	37	62	22
In group quarters .....	9	—	—	4	—	—	—	—	8	23	63	—	27	88	—
Persons per household .....	3.61	3.41	3.96	3.93	3.50	3.65	3.75	3.47	3.68	3.53	3.26	3.60	2.97	3.40	3.62

**TYPE OF FAMILY AND NUMBER OF OWN CHILDREN**

	Tract 0111	Tract 0112	Tract 0113	Tract 0114	Tract 0115	Tract 0116	Tract 0117	Tract 0118	Tract 0119	Tract 0120	Tract 0121	Tract 0122	Tract 0123	Tract 0124	Tract 0125
<b>All families</b> .....	750	1 086	1 481	1 921	1 151	776	968	1 506	1 094	1 226	740	1 332	916	1 135	1 387
With own children under 18 years .....	475	687	1 105	1 340	689	487	648	909	722	714	468	832	438	695	954
Number of children .....	1 219	1 722	2 802	3 705	1 627	1 241	1 652	2 200	1 815	1 909	1 144	2 050	1 054	1 715	2 198
<b>Husband-wife families</b> .....	695	986	1 404	1 770	1 062	725	905	1 425	1 010	1 150	657	1 253	845	1 028	1 298
With own children under 18 years .....	448	629	1 050	1 260	651	463	607	861	675	689	422	791	406	632	894
Number of children .....	1 153	1 606	2 669	3 516	1 547	1 186	1 554	2 096	1 700	1 859	1 032	1 975	984	1 582	2 086
Percent of total under 18 years .....	89.9	89.8	93.0	92.4	91.5	92.4	92.4	93.0	90.5	92.8	86.4	92.6	92.0	90.7	93.3
<b>Families with other male head</b> .....	13	13	10	29	22	15	18	18	19	26	18	18	15	15	7
With own children under 18 years .....	4	5	7	7	8	3	9	7	11	4	5	8	5	7	5
Number of children .....	7	7	20	15	18	7	22	15	25	9	7	16	9	16	11
<b>Families with female head</b> .....	42	87													

Table P-1. General Characteristics of the Population: 1970—Continued

[For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

Census Tracts	Balance of Kent County—Con.										Holland (part)			
	Tract 0126	Tract 0127	Tract 0128	Tract 0129	Tract 0130	Tract 0131	Tract 0132	Tract 0146	Tract 0147	Tract 0148	Tract 0223	Tract 0224	Tract 0225	Tract 0226
<b>RACE</b>														
All persons	2 246	6 942	4 800	6 007	3 464	3 273	4 027	6 159	6 267	7 703	4 401	2 956	5 596	2 217
White	2 242	6 875	4 768	5 809	3 440	3 268	4 022	6 113	6 251	7 655	4 258	2 915	5 570	2 207
Negro	—	56	16	165	8	—	—	28	4	30	67	14	1	4
Percent Negro	—	0.8	0.3	2.7	0.2	—	—	0.5	0.1	0.4	1.5	0.5	—	0.2
<b>AGE BY SEX</b>														
Male, all ages														
Under 5 years	1 102	3 463	2 386	2 958	1 674	1 609	1 929	3 094	3 029	3 885	2 035	1 390	2 601	1 091
3 and 4 years	82	478	255	355	184	154	155	321	348	370	177	159	288	88
5 to 9 years	154	513	336	361	150	212	232	401	291	511	131	169	261	125
10 to 14 years	142	492	375	273	164	237	276	400	312	542	118	141	271	144
15 to 19 years	132	256	244	239	153	188	230	324	295	396	435	135	230	95
20 to 24 years	60	133	80	308	164	76	79	239	289	199	522	138	235	52
25 to 34 years	117	675	322	476	231	191	181	383	458	477	182	162	312	117
35 to 44 years	143	484	384	275	152	229	277	347	297	464	107	135	223	146
45 to 54 years	136	284	269	168	193	258	275	257	387	257	111	106	218	142
55 to 59 years	38	68	66	143	85	46	70	118	134	169	61	56	122	53
60 to 64 years	28	32	26	79	58	32	56	101	112	121	42	60	137	41
65 to 74 years	48	32	26	135	115	32	65	118	155	138	90	73	189	72
75 years and over	22	16	14	45	50	19	50	67	81	111	59	56	115	16
Female, all ages														
Under 5 years	1 144	3 479	2 414	3 049	1 790	1 644	2 098	3 065	3 238	3 818	2 366	1 566	2 995	1 126
3 and 4 years	79	463	240	308	155	159	146	323	314	364	144	138	265	86
5 to 9 years	157	494	332	349	144	205	248	398	299	441	135	163	287	110
10 to 14 years	157	444	333	263	141	222	304	352	282	466	134	152	271	140
15 to 19 years	130	260	258	234	160	187	231	343	302	393	584	160	255	102
20 to 24 years	49	209	97	388	208	95	87	262	388	256	549	146	300	68
25 to 34 years	139	721	390	465	222	226	228	384	446	526	172	154	329	116
35 to 44 years	148	470	375	285	155	243	286	347	318	471	109	141	233	149
45 to 54 years	135	253	234	314	180	162	248	268	289	371	141	130	297	139
55 to 59 years	49	74	45	156	75	50	62	105	147	137	79	62	148	50
60 to 64 years	27	25	39	99	88	39	56	92	151	109	60	86	151	54
65 to 74 years	49	35	38	125	152	50	83	127	175	156	155	106	268	77
75 years and over	25	31	33	63	110	26	119	64	127	128	104	128	191	35
<b>RELATIONSHIP TO HEAD OF HOUSEHOLD</b>														
All persons	2 246	6 942	4 800	6 007	3 464	3 273	4 027	6 159	6 267	7 703	4 401	2 956	5 596	2 217
In households	2 246	6 936	4 800	6 004	3 436	3 270	3 881	6 132	5 730	7 689	2 924	2 943	5 596	2 217
Head of household	578	1 757	1 178	1 938	1 180	847	1 001	1 648	1 840	2 077	1 048	947	1 892	687
Head of family	532	1 673	1 138	1 653	923	763	937	1 476	1 500	1 875	709	723	1 484	591
Primary individual	46	84	40	285	257	84	64	172	340	202	339	224	408	96
Wife of head	497	1 588	1 077	1 502	838	734	885	1 394	1 359	1 763	596	577	1 301	563
Other relative of head	1 132	3 523	2 516	2 482	1 370	1 658	1 959	3 054	2 447	3 788	1 183	1 366	2 359	947
Not related to head	39	68	29	82	48	31	36	36	84	61	97	53	44	20
In group quarters	—	6	—	3	28	3	146	27	537	14	1 477	13	—	—
Persons per household	3.89	3.95	4.07	3.10	2.91	3.86	3.88	3.72	3.11	3.70	2.79	3.11	2.96	3.23
<b>TYPE OF FAMILY AND NUMBER OF OWN CHILDREN</b>														
All families	532	1 673	1 138	1 653	923	763	937	1 476	1 500	1 875	709	723	1 484	591
With own children under 18 years	352	1 314	882	916	485	552	669	959	880	1 183	378	402	787	349
Number of children	919	3 193	2 194	2 076	1 075	1 406	1 649	2 568	2 051	3 130	929	1 059	1 849	796
Head-of-wife families	497	1 588	1 077	1 502	838	734	885	1 394	1 359	1 763	596	577	1 301	563
With own children under 18 years	333	1 247	838	825	438	542	632	919	808	1 132	310	325	684	333
Number of children	876	3 042	2 088	1 872	972	1 387	1 566	2 485	1 911	3 007	770	881	1 619	768
Percent of total under 18 years	92.2	93.5	93.5	86.2	86.1	96.5	93.4	94.7	86.7	93.3	77.5	79.2	83.3	93.0
Families with other male head	2	12	11	28	15	3	9	28	25	29	12	22	26	2
With own children under 18 years	2	8	7	10	4	1	8	11	11	10	4	4	9	1
Number of children	4	20	18	22	11	4	19	26	17	19	7	6	16	1
Families with female head	33	73	50	123	70	26	43	54	116	83	101	124	157	26
With own children under 18 years	17	59	37	81	43	9	29	29	61	41	64	73	94	15
Number of children	39	131	88	182	92	15	64	57	123	104	152	172	214	27
Percent of total under 18 years	4.1	4.0	3.9	8.4	8.1	1.0	3.8	2.2	5.6	3.2	15.3	15.5	11.0	3.3
Persons under 18 years	950	3 253	2 232	2 172	1 129	1 438	1 676	2 624	2 205	3 224	994	1 112	1 944	826
<b>MARITAL STATUS</b>														
Male, 14 years old and over														
Single	748	2 080	1 491	2 015	1 214	1 051	1 323	2 050	2 141	2 565	1 627	952	1 845	763
Married	216	440	380	381	276	281	360	549	584	669	936	268	416	168
Separated	512	1 610	1 086	1 548	866	748	911	1 421	1 440	1 794	623	604	1 339	568
Widowed	6	9	4	21	10	6	5	11	14	7	10	12	10	2
Divorced	13	12	9	32	34	8	40	50	53	61	35	34	64	16
	7	18	16	54	38	14	12	30	64	41	33	46	26	11
Female, 14 years old and over														
Single	778	2 154	1 573	2 177	1 376	1 125	1 468	2 060	2 395	2 625	1 979	1 142	2 232	820
Married	201	376	379	344	247	293	381	480	603	599	1 071	261	465	181
Separated	512	1 624	1 098	1 564	875	751	915	1 433	1 480	1 810	655	633	1 379	574
Widowed	5	16	10	27	8	6	9	8	18	16	35	27	38	5
Divorced	52	77	54	169	191	69	151	121	234	171	186	174	307	68
	13	44	45	100	63	12	21	26	78	45	67	74	81	17







Table P-1. General Characteristics of the Population: 1970—Continued

[For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

Census Tracts	Totals for split tracts in Kent County							Totals for split tracts in Ottawa County		Adjacent tract in Allegan County (Holland part)
	Tract 0001	Tract 0003	Tract 0011	Tract 0044	Tract 0045	Tract 0118	Tract 0126	Tract 0223	Tract 0228	Tract 0301
<b>RACE</b>										
<b>All persons</b> .....	2 140	2 477	5 391	4 776	3 925	6 434	2 998	5 174	2 768	3 346
White .....	2 136	2 455	4 881	4 746	3 891	6 397	2 991	5 031	2 737	3 343
Negro .....	1	13	457	15	31	18	2	67	—	—
Percent Negro .....	—	0.5	8.5	0.3	0.8	0.3	0.1	1.3	—	—
<b>AGE BY SEX</b>										
<b>Male, all ages</b> .....	1 029	1 195	2 575	2 367	1 905	3 173	1 412	2 450	1 376	1 651
Under 5 years .....	81	89	253	143	150	265	103	227	128	135
3 and 4 years .....	30	42	104	61	62	114	54	92	48	56
5 to 9 years .....	97	121	298	220	193	321	177	180	176	169
5 years .....	16	21	54	44	30	57	30	32	25	40
6 years .....	19	24	59	39	40	68	35	30	35	33
10 to 14 years .....	117	139	308	261	235	419	153	173	156	156
14 years .....	29	28	66	49	58	98	24	28	33	31
15 to 19 years .....	119	147	236	593	198	359	152	473	148	204
15 years .....	27	33	55	48	45	74	33	35	32	48
16 years .....	21	37	57	42	50	59	37	41	31	47
17 years .....	29	37	64	36	39	68	35	39	36	31
18 years .....	26	23	33	204	38	89	30	142	25	41
19 years .....	16	17	27	263	26	69	17	216	24	37
20 to 24 years .....	53	64	148	233	85	200	119	565	62	135
20 years .....	11	15	31	145	18	62	14	181	13	33
21 years .....	11	18	27	36	21	29	22	184	15	25
25 to 34 years .....	128	123	285	207	202	384	199	222	184	192
35 to 44 years .....	136	146	295	262	258	393	165	154	171	182
45 to 54 years .....	126	174	281	230	250	385	158	143	154	219
55 to 59 years .....	63	56	131	85	80	147	47	76	64	82
60 to 64 years .....	36	52	113	53	67	120	33	58	51	54
65 to 74 years .....	45	59	116	64	87	127	57	110	62	86
75 years and over .....	28	25	111	16	100	53	49	69	20	37
<b>Female, all ages</b> .....	1 111	1 282	2 816	2 409	2 020	3 261	1 586	2 724	1 392	1 695
Under 5 years .....	72	91	217	131	147	271	100	184	113	132
3 and 4 years .....	37	44	97	61	54	121	39	53	58	48
5 to 9 years .....	108	136	253	226	193	318	174	170	146	166
5 years .....	19	25	45	44	35	65	27	31	31	32
6 years .....	28	32	46	48	47	60	30	40	30	34
10 to 14 years .....	111	152	294	221	234	352	172	172	161	183
14 years .....	24	20	62	36	36	79	29	34	36	39
15 to 19 years .....	97	135	231	649	206	425	148	613	140	178
15 years .....	27	32	64	51	46	82	23	23	40	46
16 years .....	22	27	49	47	50	69	31	34	25	32
17 years .....	20	30	37	45	46	72	40	29	40	47
18 years .....	15	29	38	203	42	101	32	225	18	27
19 years .....	13	17	43	303	22	101	22	302	17	24
20 to 24 years .....	91	53	155	242	96	225	166	588	72	141
20 years .....	19	17	32	146	14	64	36	222	14	28
21 years .....	12	11	30	45	20	44	36	190	10	33
25 to 34 years .....	136	149	318	195	225	388	203	215	180	192
35 to 44 years .....	141	166	311	270	281	438	179	154	185	188
45 to 54 years .....	138	169	330	223	248	394	152	165	181	237
55 to 59 years .....	61	72	127	94	88	135	57	95	63	93
60 to 64 years .....	51	56	101	65	61	118	38	80	51	58
65 to 74 years .....	68	71	159	59	94	143	66	176	68	80
75 years and over .....	37	32	320	34	147	54	131	112	32	47
<b>RELATIONSHIP TO HEAD OF HOUSEHOLD</b>										
<b>All persons</b> .....	2 140	2 477	5 391	4 776	3 925	6 434	2 998	5 174	2 768	3 346
In households .....	2 134	2 477	4 885	3 585	3 609	6 141	2 859	3 691	2 768	3 346
Head of household .....	686	739	1 404	987	1 003	1 778	851	1 273	789	1 079
Head of family .....	542	648	1 262	889	926	1 593	694	908	721	897
Primary individual .....	144	91	142	98	77	185	157	365	68	112
Wife of head .....	496	591	1 142	851	879	1 508	639	777	687	848
Other relative of head .....	911	1 134	2 289	1 712	1 698	2 773	1 287	1 539	1 287	1 484
Not related to head .....	41	13	50	35	29	82	82	102	5	5
In group quarters .....	6	—	506	1 191	316	293	139	1 483	—	—
Persons per household .....	3.11	3.35	3.48	3.63	3.60	3.45	3.36	2.90	3.51	3.32
<b>TYPE OF FAMILY AND NUMBER OF OWN CHILDREN</b>										
<b>All families</b> .....	542	648	1 262	889	926	1 593	694	908	721	897
With own children under 18 years .....	280	390	767	544	602	933	419	492	443	526
Number of children .....	714	900	1 833	1 433	1 411	2 309	1 043	1 238	1 075	1 171
<b>Husband-wife families</b> .....	496	591	1 142	851	879	1 508	639	777	687	848
With own children under 18 years .....	255	355	705	527	573	901	384	412	445	501
Number of children .....	661	840	1 701	1 398	1 343	2 195	978	1 043	1 031	1 129
Percent of total under 18 years .....	90.3	90.9	87.3	95.0	94.0	92.6	90.7	79.8	95.1	94.6
<b>Families with other male head</b> .....	11	13	22	4	6	18	8	16	4	13
With own children under 18 years .....	4	5	6	2	4	7	7	6	2	5
Number of children .....	10	10	9	7	8	15	9	12	2	13
<b>Families with female head</b> .....	35	44	98	34	41	67	47	115	30	36
With own children under 18 years .....	21	30	56	15	25	45	28	74	16	20
Number of children .....	43	50	123	28	60	99	56	183	42	29
Percent of total under 18 years .....	5.9	5.4	6.3	1.9	4.2	4.2	5.2	14.0	3.9	2.4
Persons under 18 years .....	732	924	1 949	1 471	1 428	2 370	1 078	1 307	1 084	1 194
<b>MARITAL STATUS</b>										
<b>Male, 14 years old and over</b> .....	763	874	1 782	1 792	1 385	2 266	1 003	1 898	949	1 222
Single .....	212	237	469	899	374	659	278	1 010	243	327
Married .....	511	606	1 210	862	909	1 535	672	809	692	866
Separated .....	11	3	15	5	3	13	11	—	—	5
Widowed .....	18	20	68	14	73	32	28	41	10	21
Divorced .....	22	11	35	17	29	40	25	38	4	8
<b>Female, 14 years old and over</b> .....	844	923	2 114	1 867	1 482	2 399	1 169	2 232	1 008	1 253
Single .....	222	198	485	911	354	664	305	1 116	238	285
Married .....	517	612	1 209	864	918	1 541	671	841	696	868
Separated .....	11	12	13	5	10	18	10	38	8	2
Widowed .....	79	80	349	71	180	134	159	201	67	85
Divorced .....	26	33	71	21	30	60	34	74	7	15























**Table P-2. Social Characteristics of the Population: 1970—Continued**

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

Census Tracts	Totals for split tracts in Kent County						Totals for split tracts in Ottawa County		Adjacent tract in Allegan County (Holland part)	
	Tract 0001	Tract 0003	Tract 0011	Tract 0044	Tract 0045	Tract 0118	Tract 0126	Tract 0223	Tract 0228	Tract 0301
<b>NATIVITY, PARENTAGE, &amp; COUNTRY OF ORIGIN</b>										
All persons	2 207	2 564	5 384	4 836	3 925	6 663	2 886	5 107	2 742	3 346
Native of native parentage	1 883	1 898	4 190	3 881	3 058	5 517	2 056	3 840	2 337	2 715
Native of foreign or mixed parentage	302	568	879	784	729	924	607	943	378	515
Foreign born	22	98	315	171	138	222	223	324	27	116
Foreign stock	324	666	1 194	955	867	1 146	830	1 267	405	631
United Kingdom	22	—	36	75	38	158	40	11	19	13
Ireland (Eire)	—	18	65	10	23	—	5	—	7	—
Sweden	7	29	71	—	36	13	6	—	—	8
Germany	36	83	64	38	119	97	15	89	29	74
Poland	26	36	166	8	31	51	6	—	16	—
Czechoslovakia	—	—	30	18	7	18	—	—	—	19
Austria	5	—	22	—	9	5	13	—	—	—
Hungary	—	17	5	—	8	6	5	29	—	7
U.S.S.R.	10	13	27	3	15	14	—	—	—	—
Italy	8	—	55	77	89	15	28	20	—	—
Canada	87	93	196	33	50	108	116	50	—	45
Mexico	—	14	—	7	—	—	—	278	—	—
Cuba	—	—	—	—	—	—	—	8	—	—
Other America	—	—	14	—	9	6	—	—	—	—
All other and not reported	123	363	443	686	433	655	596	782	334	465
Persons of Spanish language <sup>1</sup>	—	21	22	7	—	29	40	667	—	—
Other persons of Spanish surname <sup>1</sup>	—	—	—	—	—	—	—	—	—	—
Persons of Spanish mother tongue	—	21	9	7	—	7	6	539	—	—
Persons of Puerto Rican birth or parentage	—	—	—	—	—	—	—	18	—	—
<b>SCHOOL ENROLLMENT</b>										
Enrolled persons, 3 to 34 years old	693	930	1 654	2 428	1 291	2 490	1 034	2 635	939	1 072
Nursery school	—	11	10	20	34	12	9	6	29	7
Public	—	—	—	9	—	5	—	6	4	4
Kindergarten	61	63	151	102	45	128	82	97	46	96
Public	61	63	136	92	38	115	59	97	31	56
Elementary	365	536	942	747	728	1 206	551	563	541	533
Public	317	452	567	388	593	1 073	321	509	374	270
High school	218	239	398	314	328	594	278	224	270	347
Public	203	176	275	152	237	525	205	172	174	99
College	49	81	153	1 245	156	550	114	1 745	53	89
Percent enrolled in school by age:										
16 and 17 years	99.9	79.2	88.7	98.5	99.9	99.9	99.9	82.8	97.4	99.9
18 and 19 years	60.5	87.9	56.3	95.3	54.4	87.6	72.7	98.1	58.1	50.4
20 and 21 years	41.2	—	30.5	76.7	60.6	58.9	37.5	91.1	52.0	16.7
22 to 24 years	5.6	22.0	14.1	12.5	20.4	44.4	21.0	52.7	—	20.9
25 to 34 years	8.4	2.4	9.6	7.7	3.9	1.5	6.1	10.1	6.8	3.5
Percent 16 to 21 years not high school graduates and not enrolled in school	9.5	3.9	11.4	1.4	—	3.9	5.6	5.8	2.6	8.6
<b>YEARS OF SCHOOL COMPLETED</b>										
Persons, 25 years old and over	1 210	1 368	3 004	1 871	2 187	3 259	1 469	1 814	1 452	1 747
No school years completed	—	—	—	3	20	15	5	34	—	—
Elementary:										
1 to 4 years	4	—	68	—	35	9	5	78	—	14
5 to 7 years	66	54	222	43	101	121	82	311	26	75
8 years	109	177	387	116	165	288	243	438	308	383
High school:										
1 to 3 years	213	329	684	234	330	626	296	323	204	357
4 years	484	545	989	571	700	1 106	455	343	505	588
College:										
1 to 3 years	171	203	369	401	451	574	207	156	144	188
4 years or more	163	60	285	503	385	520	176	131	193	142
Median school years completed	12.4	12.2	12.1	12.9	12.6	12.5	12.2	9.4	12.2	12.1
Percent high school graduates	67.6	59.1	54.7	78.8	70.2	67.5	57.0	34.7	58.0	52.5
<b>CHILDREN EVER BORN</b>										
Women, 35 to 44 years old ever married	126	174	271	258	319	464	147	142	174	193
Children ever born	470	590	813	828	956	1 372	463	555	465	604
Per 1,000 women ever married	3 730	3 391	3 000	3 209	2 997	2 957	3 150	3 908	2 672	3 130
<b>RESIDENCE IN 1965</b>										
Persons, 5 years old and over, 1970 <sup>2</sup>	2 054	2 434	4 960	4 558	3 637	6 103	2 710	4 769	2 496	3 079
Some house as in 1970	1 148	1 766	2 365	1 495	1 685	2 833	1 478	1 331	1 637	1 855
Different house:										
In central city of this SMSA	440	413	1 657	1 298	988	1 591	428	137	26	42
In other part of this SMSA	163	37	141	357	177	708	265	1 020	450	1 034
Outside this SMSA	238	190	699	988	677	751	381	1 910	332	125
North and West	230	190	532	903	662	706	336	1 603	318	108
South	8	—	167	85	15	45	45	307	14	17
Abroad	—	—	7	52	44	34	33	135	5	—
<b>MEANS OF TRANSPORTATION AND PLACE OF WORK</b>										
All workers	855	1 036	1 860	2 074	1 409	2 654	1 091	1 975	1 173	1 387
Private auto: Driver	672	810	1 379	1 276	1 218	2 152	915	991	983	1 108
Passenger	105	151	296	221	104	177	92	242	128	162
Bus or streetcar	5	34	83	89	23	—	—	—	—	—
Subway, elevated train, or railroad	—	—	—	—	—	—	—	—	—	—
Walked to work	43	14	21	403	41	150	5	614	36	46
Worked at home	22	20	31	47	—	90	48	102	12	34
Other	8	7	50	38	23	85	31	26	4	37
Inside SMSA	817	1 016	1 705	1 831	1 306	2 532	1 055	1 816	1 024	817
Grand Rapids—central business district	119	136	313	160	94	290	33	7	4	—
Remainder of Grand Rapids city	465	576	994	1 017	737	1 279	588	101	15	51
Remainder of Kent County	215	304	372	619	471	950	413	52	7	8
Ottawa County	18	—	26	35	4	13	21	1 656	998	758
Outside SMSA	28	13	63	16	51	28	14	68	91	205
Place of work not reported	10	7	92	227	52	94	22	91	58	365

<sup>1</sup>See text for definition. <sup>2</sup>Includes "Moved, 1965 residence not reported."





**Table P-3. Labor Force Characteristics of the Population: 1970—Continued**

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

Census Tracts	Grand Rapids—Con.													
	Tract 0007	Tract 0008	Tract 0009	Tract 0010	Tract 0011	Tract 0012	Tract 0013	Tract 0014	Tract 0015	Tract 0016	Tract 0017	Tract 0018	Tract 0019	Tract 0020
<b>EMPLOYMENT STATUS</b>														
Male, 16 years old and over	1 335	1 164	1 176	1 729	1 637	1 309	1 261	759	1 044	2 008	1 715	1 732	2 222	693
Labor force	1 090	888	882	1 443	1 256	1 010	961	589	819	1 568	1 330	1 480	1 609	405
Percent of total	81.6	76.3	75.0	83.5	76.7	77.2	76.2	77.6	78.4	78.1	77.6	85.5	72.4	58.4
Civilian labor force	1 084	888	877	1 439	1 256	1 010	961	589	819	1 568	1 318	1 473	1 609	405
Employed	1 037	830	837	1 365	1 169	959	868	557	671	1 499	1 276	1 438	1 394	357
Unemployed	47	58	40	74	87	51	93	32	148	69	42	35	215	48
Percent of civilian labor force	4.3	6.5	4.6	5.1	6.9	5.0	9.7	5.4	18.1	4.4	3.2	2.4	13.4	11.9
Not in labor force	245	276	294	286	381	299	300	170	225	440	385	252	613	288
Inmate of institution	—	—	23	16	113	—	—	—	—	—	33	—	—	33
Enrolled in school	54	32	22	65	68	89	98	25	31	108	135	109	110	22
Other under 65 years	40	74	82	38	97	84	52	51	36	89	83	49	201	61
Other 65 years and over	151	170	167	167	103	126	150	94	158	243	134	94	302	172
Male, 16 to 21 years old	223	160	156	258	248	239	246	129	134	281	282	327	294	134
Not enrolled in school	55	78	62	87	61	66	96	49	90	108	63	46	114	24
Not high school graduates	20	39	21	27	33	41	66	38	39	59	19	4	63	24
Unemployed or not in labor force	6	14	6	12	29	12	27	9	17	28	6	4	40	11
Female, 16 years old and over	1 526	1 491	1 498	2 178	1 996	1 538	1 571	967	1 253	2 618	2 011	1 801	2 510	624
Labor force	813	612	646	1 088	755	798	730	496	475	1 149	865	809	1 083	306
Percent of total	53.3	41.0	43.1	50.0	37.8	51.9	46.5	51.3	37.9	43.9	43.0	44.9	43.1	49.0
Civilian labor force	813	612	646	1 088	755	798	730	496	475	1 149	865	809	1 083	306
Employed	740	577	608	1 035	732	756	638	461	441	1 034	834	776	962	294
Unemployed	73	35	38	53	23	42	92	35	34	115	31	33	121	12
Percent of civilian labor force	9.0	5.7	5.9	4.9	3.0	5.3	12.6	7.1	7.2	10.0	3.6	4.1	11.2	3.9
Not in labor force	713	879	852	1 090	1 241	740	841	471	778	1 469	1 146	992	1 427	318
Married women, husband present	960	770	793	1 262	1 115	862	771	455	647	1 393	1 130	1 208	1 257	78
In labor force	450	267	286	562	451	389	360	177	192	549	442	465	527	45
With own children under 6 years	192	204	255	317	395	212	241	166	229	381	207	288	385	14
In labor force	57	37	67	74	75	59	77	55	83	127	25	70	140	—
<b>OCCUPATION</b>														
Total employed, 16 years old and over	1 777	1 407	1 445	2 400	1 901	1 715	1 506	1 018	1 112	2 533	2 110	2 214	2 356	651
Professional, technical, and kindred workers	137	67	129	452	322	144	130	78	75	182	317	321	184	56
Health workers	18	12	25	89	81	43	13	13	9	24	73	56	56	31
Teachers, elementary and secondary schools	18	14	25	118	78	28	48	32	29	34	62	61	37	7
Managers and administrators, except farm	66	62	89	233	141	85	48	16	32	85	237	270	90	12
Self-employed in retail trade	56	47	76	213	102	75	33	16	27	77	216	249	85	12
Self-employed in other trades	—	—	7	10	15	5	5	—	5	8	11	16	5	—
Sales workers	107	63	129	249	214	129	96	118	59	186	190	249	148	12
Retail trade	66	58	104	114	92	91	66	56	40	143	94	108	84	12
Clerical and kindred workers	430	204	278	536	382	351	263	217	148	534	412	466	370	128
Craftsmen, foremen, and kindred workers	313	225	202	290	263	266	256	144	167	331	313	366	437	54
Construction craftsmen	40	44	49	76	74	52	28	13	44	44	45	64	13	13
Mechanics and repairmen	69	38	27	21	28	70	67	19	23	60	44	33	103	24
Operatives, except transport	305	434	300	218	238	331	367	262	319	589	272	264	644	71
Transport equipment operatives	105	50	29	53	48	68	68	15	62	79	69	40	80	11
Laborers, except farm	108	60	72	78	53	51	67	41	88	178	57	80	88	45
Farm workers	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Service workers <sup>1</sup>	190	227	189	285	226	279	195	103	147	352	231	153	302	250
Cleaning and food service workers	122	161	119	153	124	156	100	41	96	202	120	81	137	129
Protective service workers	27	22	15	48	9	9	21	14	—	33	35	30	4	6
Personal and health service workers	21	33	38	84	83	103	55	43	24	85	44	42	126	61
Private household workers	16	15	28	6	14	11	16	11	15	11	12	5	13	12
Female employed, 16 years old and over	740	577	608	1 035	732	756	638	461	441	1 034	834	776	962	294
Professional, technical, and kindred workers	51	22	43	195	154	84	47	68	43	70	126	94	83	16
Teachers, elementary and secondary schools	9	8	15	76	63	23	22	32	17	20	41	30	26	—
Managers and administrators, except farm	10	8	4	44	26	27	22	—	—	17	33	34	22	—
Sales workers	66	36	64	85	75	68	57	59	24	110	82	94	53	12
Clerical and kindred workers	344	158	217	452	237	259	202	164	121	370	287	332	272	89
Secretaries, stenographers, and typists	102	49	79	199	92	87	57	59	36	134	130	91	111	28
Operatives, including transport	142	142	123	85	91	119	151	86	113	223	126	93	250	22
Other blue-collar workers	16	24	22	22	27	20	26	18	28	35	32	30	59	6
Farm workers	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Service workers, except private household	95	172	107	146	108	168	117	55	97	198	136	94	210	137
Private household workers	16	15	28	6	14	11	16	11	15	11	12	5	13	12
<b>INDUSTRY</b>														
Total employed, 16 years old and over	1 777	1 407	1 445	2 400	1 901	1 715	1 506	1 018	1 112	2 533	2 110	2 214	2 356	651
Construction	76	59	92	107	84	93	51	14	93	46	61	97	74	31
Manufacturing	638	632	426	602	597	549	576	385	469	1 074	739	750	1 032	86
Durable goods	488	516	344	491	449	404	462	284	397	835	541	537	838	46
Transportation	78	11	65	67	22	30	60	22	35	57	52	60	74	13
Communications, utilities, and sanitary services	52	23	22	105	51	91	17	23	30	70	80	134	50	—
Wholesale trade	142	127	75	174	126	98	64	36	66	145	136	147	144	35
Retail trade	367	270	331	386	283	256	270	233	139	440	311	377	338	52
Finance, insurance, and real estate	48	11	31	137	99	44	55	45	35	148	111	110	60	14
Business and repair services	39	28	38	82	101	55	53	49	37	69	75	71	47	23
Personal services	65	67	86	61	60	85	46	23	63	67	38	53	134	109
Health services	90	66	74	199	185	175	84	58	49	137	135	119	145	108
Educational services	62	35	80	230	145	91	81	53	33	90	162	144	92	79
Other professional and related services	72	36	46	138	77	57	93	18	26	63	61	68	66	84
Public administration	43	21	51	105	56	85	33	29	25	94	110	57	64	12
Other industries	5	21	28	7	15	6	23	30	12	33	39	27	36	5
<b>CLASS OF WORKER</b>														
Total employed, 16 years old and over	1 777	1 407	1 445	2 400	1 901	1 715	1 506	1 018	1 112	2 533	2 110	2 214	2 356	651
Private wage and salary workers	1 584	1 290	1 233	1 934	1 586	1 482	1 314	909	1 028	2 248	1 692	1 871	2 108	623
Government workers	145	61	144	324	193	179	115	96	62	226	268	200	171	12
Local government workers	105	56	108	249	131	98	69	56	33	128	203	153	99	6
Self-employed workers	43	56	65	134	122	54	65	13	22	59	131	138	72	5
Unpaid family workers	5	—	3	8	—	—	12	—	—	—	19	5	5	—

<sup>1</sup>Includes allocated cases, not shown separately.



**Table P-3. Labor Force Characteristics of the Population: 1970—Continued**

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

Grand Rapids—Con.														
	Tract 0035	Tract 0036	Tract 0037	Tract 0038	Tract 0039	Tract 0040	Tract 0041	Tract 0042	Tract 0043	Tract 0044	Tract 0045	Tract 0046	Tract 0118	Tract 0126
<b>Census Tracts</b>														
<b>EMPLOYMENT STATUS</b>														
Male, 16 years old and over	1 857	746	1 364	1 174	811	891	1 683	1 450	1 366	1 660	1 187	1 215	227	217
Labor force	1 443	540	1 101	931	638	691	1 324	1 147	1 110	1 350	992	1 078	135	178
Percent of total	77.7	72.4	80.7	79.3	78.7	77.6	78.7	79.1	81.3	81.3	83.6	88.7	59.5	78.4
Civilian labor force	1 438	540	1 101	931	638	687	1 324	1 147	1 110	1 350	983	1 078	135	178
Employed	1 378	494	1 059	830	593	649	1 293	1 117	1 098	1 303	968	1 060	135	167
Unemployed	60	46	42	101	45	38	31	30	12	47	15	18	—	11
Percent of civilian labor force	4.2	8.5	3.8	10.8	7.1	5.5	2.3	2.6	1.1	3.5	1.5	1.7	—	6.2
Not in labor force	414	206	263	243	173	200	359	303	256	310	195	137	92	49
Inmate of institution	—	—	—	13	—	—	—	—	—	—	55	—	—	27
Enrolled in school	105	58	43	36	33	29	93	70	167	274	86	46	65	10
Other under 65 years	65	66	59	62	33	67	43	30	15	9	25	13	9	9
Other 65 years and over	244	82	161	132	107	104	223	203	74	27	29	78	18	3
Male, 16 to 21 years old	236	126	188	209	139	140	190	201	285	759	215	145	143	23
Not enrolled in school	29	47	81	138	67	64	30	29	35	62	24	41	5	9
Not high school graduates	10	22	16	76	35	24	16	9	11	5	—	16	—	5
Unemployed or not in labor force	—	—	11	23	—	15	5	4	6	—	—	11	—	—
Female, 16 years old and over	2 412	924	1 766	1 358	995	1 108	2 047	1 794	1 505	1 743	1 294	1 460	349	312
Labor force	946	409	675	586	417	496	834	677	778	778	472	704	165	150
Percent of total	39.2	44.3	38.2	43.2	41.9	44.8	40.7	45.3	45.0	44.6	36.5	48.2	47.3	48.1
Civilian labor force	946	409	675	586	417	496	834	677	778	778	472	704	165	150
Employed	902	348	664	545	366	472	786	799	649	748	458	699	156	145
Unemployed	44	61	11	41	51	24	48	13	28	30	14	5	9	5
Percent of civilian labor force	4.7	14.9	1.6	7.0	12.2	4.8	5.8	1.6	4.1	3.9	3.0	0.7	5.5	3.3
Not in labor force	1 466	515	1 091	772	578	612	1 213	982	828	965	822	756	184	162
Married women, husband present	1 440	417	1 009	747	607	630	1 258	1 086	844	804	866	979	82	111
In labor force	515	195	358	291	201	224	470	414	223	263	282	415	12	55
With own children under 6 years	418	173	390	256	223	196	294	229	206	221	229	304	19	24
In labor force	88	89	113	118	51	40	84	45	21	15	32	81	5	8
<b>OCCUPATION</b>														
Total employed, 16 years old and over	2 280	842	1 723	1 375	959	1 121	2 079	1 916	1 747	2 051	1 426	1 759	291	312
Professional, technical, and kindred workers	289	31	276	53	73	75	436	384	446	333	298	360	20	88
Health workers	28	6	52	28	9	10	78	60	96	70	74	40	—	8
Teachers, elementary and secondary schools	81	4	67	19	14	25	122	120	144	56	50	153	—	35
Managers and administrators, except farm	159	15	113	32	28	27	293	161	365	319	243	286	11	41
Salaries	150	11	102	32	21	22	253	139	323	261	225	272	11	41
Self-employed in retail trade	—	—	6	—	7	5	24	4	26	25	5	9	—	—
Sales workers	249	10	176	53	65	90	321	298	302	332	290	240	17	56
Retail trade	159	—	98	36	47	77	161	168	142	197	106	100	5	21
Clerical and kindred workers	399	133	385	231	145	225	373	396	248	336	284	345	100	62
Craftsmen, foremen, and kindred workers	351	110	176	194	128	179	181	232	167	97	86	217	25	18
Construction craftsmen	101	24	35	27	44	14	52	25	44	9	10	39	6	18
Mechanics and repairmen	69	21	16	38	34	71	25	67	25	24	18	53	6	—
Operatives, except transport	262	192	253	412	319	272	153	154	71	98	102	102	16	25
Transport equipment operatives	87	20	39	67	21	62	60	40	30	21	16	24	—	—
Laborers, except farm	94	52	115	93	55	55	50	79	35	105	11	50	10	5
Farm workers	—	—	6	3	—	4	—	—	—	—	5	15	5	—
Service workers <sup>1</sup>	342	271	169	229	106	127	192	163	83	348	91	114	81	17
Cleaning and food service workers	153	183	89	145	78	72	104	82	54	236	47	49	72	5
Protective service workers	68	11	16	15	—	17	16	16	—	8	11	—	—	12
Personal and health service workers	95	55	59	59	8	28	60	60	29	67	36	54	9	—
Private household workers	48	8	15	8	19	5	20	9	—	62	—	6	6	—
Female employed, 16 years old and over	902	348	664	545	366	472	786	799	649	748	458	699	156	145
Professional, technical, and kindred workers	124	10	130	38	35	36	164	183	223	97	86	188	20	47
Teachers, elementary and secondary schools	47	4	38	14	14	22	71	91	109	38	31	128	—	29
Managers and administrators, except farm	26	6	17	8	9	6	63	23	44	37	5	23	—	11
Sales workers	104	6	56	40	28	52	83	129	110	133	74	67	8	27
Clerical and kindred workers	264	97	252	178	111	152	281	311	184	210	221	275	84	50
Secretaries, stenographers, and typists	97	24	82	79	52	47	156	136	97	80	102	138	52	32
Operatives, including transport	120	68	83	133	108	113	47	55	35	27	20	60	—	5
Other blue-collar workers	26	—	24	22	—	17	15	25	6	—	—	21	—	—
Farm workers	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Service workers, except private household	188	153	87	118	56	91	113	64	47	187	52	59	38	5
Private household workers	48	8	15	8	19	5	20	9	—	57	—	6	6	—
<b>INDUSTRY</b>														
Total employed, 16 years old and over	2 280	842	1 723	1 375	959	1 121	2 079	1 916	1 747	2 051	1 426	1 759	291	312
Construction	112	66	59	41	38	61	95	57	51	82	60	69	20	11
Manufacturing	598	256	566	588	444	415	429	443	376	308	315	474	27	71
Durable goods	419	206	462	457	348	321	316	309	287	233	211	386	27	45
Transportation	40	22	62	65	17	29	55	56	25	18	45	27	9	5
Communications, utilities, and sanitary services	72	24	49	28	21	21	15	26	27	23	44	57	—	11
Wholesale trade	186	23	115	63	41	82	161	109	164	141	102	124	5	33
Retail trade	505	131	256	190	150	237	444	416	376	563	331	331	56	58
Finance, insurance, and real estate	89	14	83	50	46	10	175	138	143	127	156	124	20	16
Business and repair services	60	61	38	66	47	54	35	63	28	48	56	85	—	21
Personal services	82	60	67	80	30	53	83	117	43	123	24	23	17	—
Health services	137	73	152	103	36	24	162	114	168	121	88	98	9	21
Educational services	193	73	126	42	30	43	232	228	217	303	137	228	112	44
Other professional and related services	116	26	78	30	35	32	120	79	95	137	42	84	5	4
Public administration	72	8	66	18	24	38	43	60	29	10	8	16	—	12
Other industries	18	5	6	11	—	22	30	10	5	47	18	19	11	5
<b>CLASS OF WORKER</b>														
Total employed, 16 years old and over	2 280	842	1 723	1 375	959	1 121	2 079	1 916	1 747	2 051	1 426	1 759	291	312
Private wage and salary workers	1 973	700	1 494	1 266	875	1 006	1 676	1 550	1 351	1 822	1 208	1 448	274	267
Government workers	210	122	148	78	40	75	232	222	211	47	70	185	11	36
Local government workers	173	65	82	54	33	47	189	179	173	32	74	157	11	25
Self-employed workers	97	20	77	31	34	40	162	139	185	170	112	97	6	9
Unpaid family workers	—	—	4	—	10	—	9	—	—	12	5	29	—	—

<sup>1</sup>Includes allocated cases, not shown separately.

Table P-3. Labor Force Characteristics of the Population: 1970—Continued

(Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text)

Census Tracts	Wyoming												
	Tract 0133	Tract 0134	Tract 0135	Tract 0136	Tract 0137	Tract 0138	Tract 0139	Tract 0140	Tract 0141	Tract 0142	Tract 0143	Tract 0144	Tract 0145
<b>EMPLOYMENT STATUS</b>													
Male, 16 years old and over	1 674	1 816	1 590	770	2 392	1 577	1 460	2 175	779	1 445	703	301	802
Labor force	1 353	1 427	1 360	623	2 039	1 461	1 331	1 879	610	1 195	593	238	663
Percent of total	80.8	78.6	85.5	80.9	85.2	92.6	91.2	86.4	78.3	82.7	84.4	79.1	82.7
Civilian labor force	1 349	1 422	1 360	623	2 034	1 461	1 331	1 872	610	1 184	593	226	659
Employed	1 286	1 315	1 282	601	1 975	1 418	1 301	1 768	578	1 119	574	219	643
Unemployed	63	107	78	22	59	43	30	104	32	65	19	7	16
Percent of civilian labor force	4.7	7.5	5.7	3.5	2.9	2.9	2.3	5.6	5.2	5.5	3.2	3.1	2.4
Not in labor force	321	389	230	147	353	116	129	296	169	250	110	63	139
Inmate of institution	—	—	—	—	4	—	—	—	—	—	—	—	—
Enrolled in school	64	119	74	43	140	39	60	162	56	81	26	20	63
Other under 65 years	63	79	32	29	74	30	34	69	39	64	17	17	26
Other 65 years and over	194	191	124	75	135	47	35	65	74	105	67	26	50
Male, 16 to 21 years old	281	319	281	117	443	202	275	375	148	272	79	41	110
Not enrolled in school	65	75	98	10	124	49	76	103	33	86	20	16	22
Not high school graduates	28	10	25	5	62	16	14	24	9	27	5	—	4
Unemployed or not in labor force	—	5	—	—	15	6	4	12	6	5	—	—	—
Female, 16 years old and over	1 971	2 105	1 831	925	2 550	1 751	1 456	2 326	852	1 635	780	363	887
Labor force	885	963	939	442	1 245	823	665	1 068	326	860	311	156	362
Percent of total	44.9	45.7	51.3	47.8	48.8	47.0	45.7	45.9	38.3	52.6	39.9	43.0	40.8
Civilian labor force	885	963	939	442	1 245	823	665	1 068	326	860	311	156	358
Employed	807	911	897	432	1 202	758	634	960	298	774	282	130	341
Unemployed	78	52	42	10	43	65	31	108	28	86	29	26	17
Percent of civilian labor force	8.8	5.4	4.5	2.3	3.5	7.9	4.7	10.1	8.6	10.0	9.3	16.7	4.7
Not in labor force	1 086	1 142	892	483	1 305	928	791	1 258	526	775	469	207	525
Married women, husband present	1 238	1 351	1 180	578	1 724	1 232	1 129	1 693	526	978	575	222	617
in labor force	485	511	554	249	787	485	515	656	171	455	224	83	207
With own children under 6 years	371	406	314	105	496	483	431	647	166	244	199	88	186
in labor force	110	107	88	14	141	117	126	176	56	107	71	20	23
<b>OCCUPATION</b>													
Total employed, 16 years old and over	2 093	2 226	2 179	1 033	3 177	2 176	1 935	2 728	876	1 893	856	349	984
Professional, technical, and kindred workers	141	170	187	113	271	384	259	187	38	175	49	32	81
Health workers	32	23	35	5	38	52	38	11	—	23	—	10	10
Teachers, elementary and secondary schools	22	59	55	50	55	116	83	40	4	33	14	8	17
Managers and administrators, except farm	100	199	128	59	242	139	156	179	33	118	31	14	41
Salaried	83	163	103	54	214	114	136	168	15	102	26	14	41
Self-employed in retail trade	6	6	15	—	23	7	10	5	6	10	—	—	—
Sales workers	134	119	153	125	261	197	187	237	46	115	35	20	85
Retail trade	121	98	80	97	183	112	72	139	40	71	23	20	35
Clerical and kindred workers	436	481	420	114	582	342	286	529	145	438	131	30	221
Craftsmen, foremen, and kindred workers	386	361	275	130	572	330	335	521	138	338	189	104	252
Construction craftsmen	89	111	51	14	71	52	52	78	33	70	65	17	65
Mechanics and repairmen	99	51	59	41	108	64	117	154	40	85	29	43	46
Operatives, except transport	438	365	475	275	646	344	359	552	235	303	248	76	144
Transport equipment operatives	101	84	123	42	155	122	62	154	43	79	56	24	42
Laborers, except farm	144	85	133	57	130	79	57	121	78	100	46	15	29
Farm workers	—	5	8	9	—	—	—	—	—	15	—	—	18
Service workers	198	313	250	109	307	233	212	237	116	204	67	21	71
Cleaning and food service workers	122	165	175	54	205	129	155	131	101	135	42	11	30
Protective service workers	16	44	20	15	14	34	24	25	5	5	8	—	13
Personal and health service workers	47	92	48	35	73	58	29	56	10	64	17	10	28
Private household workers	15	44	27	—	11	6	11	11	4	6	4	13	—
Female employed, 16 years old and over	807	911	897	432	1 202	758	634	960	298	774	282	130	341
Professional, technical, and kindred workers	45	68	77	72	105	142	105	56	13	78	7	18	45
Teachers, elementary and secondary schools	—	38	33	45	45	82	41	22	4	18	—	8	13
Managers and administrators, except farm	22	36	18	13	22	12	15	36	7	30	15	4	—
Sales workers	90	63	38	63	133	82	43	135	30	48	18	15	37
Clerical and kindred workers	332	364	316	92	460	261	214	380	100	324	88	27	170
Secretaries, stenographers, and typists	99	122	108	48	166	101	76	105	26	117	31	4	53
Operatives, including transport	164	136	247	116	234	125	110	195	88	126	80	33	37
Other blue-collar workers	48	30	33	22	46	11	26	29	4	31	16	9	4
Farm workers	—	—	—	—	—	—	—	—	—	—	—	—	—
Service workers, except private household	91	170	141	54	191	119	104	118	52	122	54	11	40
Private household workers	15	44	27	—	11	6	11	11	4	8	4	13	—
<b>INDUSTRY</b>													
Total employed, 16 years old and over	2 093	2 226	2 179	1 033	3 177	2 176	1 935	2 728	876	1 893	856	349	984
Construction	110	140	80	61	114	147	94	96	46	105	77	18	93
Manufacturing	746	700	751	375	1 184	659	650	1 067	372	637	360	126	331
Durable goods	558	530	573	288	948	526	536	868	330	510	329	101	281
Transportation	134	83	74	58	116	86	84	102	23	94	42	18	12
Communications, utilities, and sanitary services	27	80	70	15	96	67	47	52	3	57	5	14	42
Wholesale trade	109	129	190	52	249	118	183	213	42	153	32	28	63
Retail trade	415	472	461	235	741	456	360	576	220	345	202	45	150
Finance, insurance, and real estate	40	76	71	18	116	104	77	85	32	65	24	8	50
Business and repair services	146	65	44	15	42	54	68	105	14	63	21	20	34
Personal services	56	129	95	47	55	47	62	52	34	50	23	19	50
Health services	108	88	77	38	119	98	53	66	17	81	23	16	44
Educational services	73	126	133	60	125	187	141	90	24	108	25	13	42
Other professional and related services	52	65	41	20	72	77	20	107	21	51	8	8	12
Public administration	51	51	65	21	92	65	79	103	19	37	14	4	30
Other industries	26	22	27	18	56	11	17	14	9	47	—	12	31
<b>CLASS OF WORKER</b>													
Total employed, 16 years old and over	2 093	2 226	2 179	1 033	3 177	2 176	1 935	2 728	876	1 893	856	349	984
Private wage and salary workers	1 876	1 945	1 932	924	2 830	1 813	1 660	2 452	789	1 699	801	309	801
Government workers	132	148	178	79	237	246	187	212	37	122	26	24	108
Local government workers	93	127	132	75	153	205	152	133	23	87	26	24	86
Self-employed workers	85	116	69	25	93	106	78	59	50	72	29	16	75
Unpaid family workers	—	17	—	5	17	11	10	5	—	—	—	—	—

<sup>1</sup>Includes allocated cases, not shown separately.

Table P-3. Labor Force Characteristics of the Population: 1970—Continued

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

Census Tracts	Balance of Kent County														
	Tract 0001	Tract 0003	Tract 0011	Tract 0044	Tract 0045	Tract 0101	Tract 0102	Tract 0103	Tract 0104	Tract 0105	Tract 0106	Tract 0107	Tract 0108	Tract 0109	Tract 0110
<b>EMPLOYMENT STATUS</b>															
<b>Male, 16 years old and over</b>	45	46	117	1 033	572	1 473	1 056	963	943	738	1 402	1 778	1 025		
Labor force	36	41	10	745	452	1 108	901	740	796	538	1 134	1 430	873		
Percent of total	80.0	89.1	8.5	72.1	79.0	75.2	85.3	76.8	84.4	72.9	80.9	80.4	85.2		
Civilian labor force	36	41	10	745	448	1 108	901	740	786	538	1 134	1 424	873		
Employed	36	41	10	697	426	1 049	845	714	740	533	1 078	1 324	859		
Unemployed	—	—	—	48	22	59	56	26	46	5	56	100	14		
Percent of civilian labor force	—	—	—	6.4	4.9	5.3	6.2	3.5	5.9	0.9	4.9	7.0	1.6		
Not in labor force	9	—	5	107	288	120	365	155	223	147	200	268	348		152
Inmate of institution	—	—	—	97	29	—	—	—	22	—	—	—	—		—
Enrolled in school	—	—	—	5	62	24	146	57	68	36	66	70	109		80
Other under 65 years	—	—	—	—	65	33	97	29	38	30	47	84	62		12
Other 65 years and over	9	—	5	5	132	63	122	69	95	81	87	114	177		60
<b>Male, 16 to 21 years old</b>	—	—	5	—	151	68	286	178	168	160	120	192	278		184
Not enrolled in school	—	—	—	—	63	36	85	62	45	66	33	58	73		15
Not high school graduates	—	—	—	—	29	13	43	11	24	22	14	9	33		5
Unemployed or not in labor force	—	—	—	—	24	5	15	6	10	—	5	4	16		—
<b>Female, 16 years old and over</b>	44	38	110	1 098	655	1 467	1 067	1 126	948	893	1 397	1 819	976		
Labor force	16	24	9	391	295	518	401	416	406	369	566	693	427		
Percent of total	36.4	63.2	8.2	35.6	45.0	35.3	37.6	36.9	42.8	41.3	40.5	38.1	43.8		
Civilian labor force	16	24	9	391	295	518	401	416	406	369	566	693	427		
Employed	16	24	4	359	261	447	380	394	374	329	514	609	410		
Unemployed	—	—	5	32	34	71	21	22	32	40	52	84	17		
Percent of civilian labor force	—	—	—	8.2	11.5	13.7	5.2	5.3	7.9	10.8	9.2	12.1	4.0		
Not in labor force	28	14	101	707	360	949	666	710	542	524	831	1 126	549		
Married women, husband present	38	—	33	21	798	445	1 029	773	714	709	572	1 066	1 285		701
In labor force	10	—	19	9	269	192	393	284	263	261	231	416	489		272
With own children under 6 years	5	—	5	6	217	147	329	233	234	165	296	396	251		
In labor force	5	—	—	—	33	54	90	63	51	74	47	69	101		58
<b>OCCUPATION</b>															
<b>Total employed, 16 years old and over</b>	52	65	14	1 056	687	1 496	1 225	1 108	1 114	862	1 592	1 933	1 269		
Professional, technical, and kindred workers	—	5	—	78	76	149	101	141	79	147	167	219	163		
Health workers	—	—	—	17	—	10	26	31	11	24	13	19	22		
Teachers, elementary and secondary schools	—	—	—	31	48	75	16	50	25	29	41	61	65		
Managers and administrators, except farm	—	36	—	41	55	21	47	37	53	69	83	169	87		
Salaried	—	31	—	18	35	15	35	31	44	42	53	135	75		
Self-employed in retail trade	—	5	—	11	12	6	7	—	5	20	25	13	—		
Sales workers	—	—	—	43	37	69	18	102	74	87	83	92	93		
Retail trade	—	—	—	32	37	26	13	60	48	55	49	40	45		
Clerical and kindred workers	6	10	—	91	118	175	149	171	185	154	156	297	193		
Craftsmen, foremen, and kindred workers	6	5	5	138	110	324	293	159	177	117	283	351	233		
Construction craftsmen	—	—	—	30	16	43	69	46	55	6	52	111	55		
Mechanics and repairmen	6	5	5	41	30	87	81	25	44	47	77	58	59		
Operatives, except transport	35	5	4	372	172	365	247	246	299	135	470	409	179		
Transport equipment operatives	—	—	—	71	24	115	67	27	61	18	49	77	55		
Laborers, except farm	—	—	—	70	27	49	85	59	53	20	84	78	51		
Farm workers	—	—	—	61	—	104	124	19	27	—	94	65	3		
Service workers <sup>1</sup>	5	4	—	72	64	120	78	128	89	115	117	167	206		
Cleaning and food service workers	—	4	—	43	37	77	30	99	48	43	58	98	150		
Protective service workers	—	—	—	6	4	—	5	3	25	32	—	24	31		
Personal and health service workers	5	—	—	23	9	29	43	26	11	40	47	45	13		
Private household workers	—	—	—	19	4	5	16	19	17	—	6	9	6		
<b>Female employed, 16 years old and over</b>	16	24	4	359	261	447	380	394	374	329	514	609	410		
Professional, technical, and kindred workers	—	—	—	42	41	75	43	52	50	60	82	79	81		
Teachers, elementary and secondary schools	—	—	—	24	34	56	10	31	25	18	30	33	30		
Managers and administrators, except farm	—	14	—	6	—	—	6	5	13	5	20	32	21		
Sales workers	—	—	—	7	11	33	18	48	31	34	19	31	16		
Clerical and kindred workers	—	10	—	72	92	137	118	110	126	101	104	206	139		
Secretaries, stenographers, and typists	—	5	—	13	15	54	38	29	52	42	30	59	58		
Operatives, including transport	11	—	4	154	52	102	97	61	99	62	194	171	41		
Other blue-collar workers	—	—	—	19	16	19	26	13	5	4	18	8	11		
Farm workers	—	—	—	—	—	—	11	—	—	—	4	10	—		
Service workers, except private household	5	—	—	40	45	76	45	86	33	63	67	63	95		
Private household workers	—	—	—	19	4	5	16	19	17	—	6	9	6		
<b>INDUSTRY</b>															
<b>Total employed, 16 years old and over</b>	52	65	14	1 056	687	1 496	1 225	1 108	1 114	862	1 592	1 933	1 269		
Construction	6	—	5	61	13	63	121	71	60	18	74	148	73		
Manufacturing	29	—	4	547	311	656	458	424	464	281	753	657	384		
Durable goods	12	—	4	412	199	471	353	324	329	86	540	420	263		
Transportation	—	—	—	15	5	40	62	36	53	23	32	94	52		
Communications, utilities, and sanitary services	—	—	—	10	11	36	30	8	13	15	33	37	45		
Wholesale trade	—	—	—	41	12	41	44	38	66	34	73	117	45		
Retail trade	12	—	20	98	170	229	105	190	191	152	193	286	245		
Finance, insurance, and real estate	—	—	4	—	11	—	60	41	38	45	30	24	81		37
Business and repair services	—	—	5	33	14	38	35	32	26	26	54	55	75		
Personal services	—	26	—	49	13	19	38	64	32	52	24	36	41		
Health services	—	5	—	5	13	39	38	20	21	43	63	80	34		
Educational services	—	—	—	56	86	99	34	73	46	98	97	140	123		
Other professional and related services	—	—	10	5	5	30	54	53	8	19	37	40	49		
Public administration	—	—	—	47	25	27	—	33	51	67	33	68	42		
Other industries	5	—	—	78	9	119	165	28	38	4	102	94	24		
<b>CLASS OF WORKER</b>															
<b>Total employed, 16 years old and over</b>	52	65	14	1 056	687	1 496	1 225	1 108	1 114	862	1 592	1 933	1 269		
Private wage and salary workers	41	55	14	819	551	1 163	938	887	915	613	1 303	1 548	1 017		
Government workers	—	—	—	100	86	168	98	144	135	160	148	231	168		
Local government workers	—	—	—	72	61	138	81	99	95	107	105	178	125		
Self-employed workers	11	10	—	137	40	160	160	77	64	78	132	144	78		
Unpaid family workers	—	—	—	—	10	5	29	—	—	11	9	10	6		

<sup>1</sup>Includes allocated cases, not shown separately.











**Table P-3. Labor Force Characteristics of the Population: 1970—Continued**

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

Census Tracts	Totals for split tracts in Kent County							Totals for split tracts in Ottawa County		Adjacent tract in Allegan County (Holland part)
	Tract 0001	Tract 0003	Tract 0011	Tract 0044	Tract 0045	Tract 0118	Tract 0126	Tract 0223	Tract 0228	Tract 0301
<b>EMPLOYMENT STATUS</b>										
Male, 16 years old and over	714	825	1 637	1 706	1 304	2 131	921	1 795	866	1 134
Labor force	620	668	1 256	1 391	1 002	1 769	725	1 136	753	962
Percent of total	86.8	81.0	76.7	81.5	76.8	83.0	78.7	63.3	87.0	84.8
Civilian labor force	620	668	1 256	1 391	993	1 769	725	1 136	753	962
Employed	587	637	1 169	1 344	978	1 703	675	1 083	728	931
Unemployed	33	31	87	47	15	66	50	53	25	31
Percent of civilian labor force	5.3	4.6	6.9	3.4	1.5	3.7	6.9	4.7	3.3	3.2
Not in labor force	94	157	381	315	302	362	196	659	113	172
Inmate of institution	—	—	113	—	152	—	27	—	—	—
Enrolled in school	18	41	68	274	91	187	77	462	57	59
Other under 65 years	21	19	97	9	25	52	22	73	7	42
Other 65 years and over	55	97	103	32	34	123	70	124	49	71
Male, 16 to 21 years old	108	159	248	764	215	416	151	739	137	188
Not enrolled in school	18	19	61	62	24	79	44	80	27	82
Not high school graduates	9	5	33	5	—	36	19	56	—	20
Unemployed or not in labor force	9	—	29	—	—	6	—	18	—	—
Female, 16 years old and over	772	830	1 996	1 781	1 404	2 272	1 036	2 185	923	1 136
Labor force	304	345	755	802	481	1 026	448	988	429	501
Percent of total	39.4	41.6	37.8	45.0	34.3	45.2	43.2	45.2	46.5	44.1
Civilian labor force	304	345	755	802	481	1 026	448	988	429	501
Employed	295	329	732	772	462	981	438	897	419	483
Unemployed	9	16	23	30	19	45	10	91	10	18
Percent of civilian labor force	3.0	4.6	3.0	3.7	4.0	4.4	2.2	9.2	2.3	3.6
Not in labor force	468	485	1 241	979	923	1 246	588	1 197	494	635
Married women, husband present	535	577	1 115	837	887	1 550	618	716	684	837
In labor force	208	185	451	282	291	599	234	309	289	321
With own children under 6 years	106	113	395	226	235	425	141	202	187	238
In labor force	27	43	75	15	32	112	38	70	19	60
<b>OCCUPATION</b>										
Total employed, 16 years old and over	882	966	1 901	2 116	1 440	2 684	1 113	1 980	1 147	1 414
Professional, technical, and kindred workers	115	60	322	338	303	410	194	319	140	176
Health workers	17	11	81	70	74	82	36	5	22	40
Teachers, elementary and secondary schools	39	6	78	56	50	85	45	27	44	26
Managers and administrators, except farm	78	84	141	355	243	304	95	52	100	79
Salaries	60	78	102	292	225	275	95	46	87	57
Self-employed in retail trade	13	—	15	30	5	6	—	—	—	4
Sales workers	144	101	214	332	290	301	136	74	102	136
Retail trade	42	55	92	197	106	127	53	38	58	80
Clerical and kindred workers	175	202	382	346	284	453	201	325	232	246
Craftsmen, foremen, and kindred workers	159	166	263	102	91	406	178	209	147	206
Construction craftsmen	21	27	74	9	10	96	64	40	59	71
Mechanics and repairmen	59	22	28	29	23	121	37	48	16	32
Operatives, except transport	82	149	238	103	106	256	65	385	129	290
Transport equipment operatives	27	25	48	21	16	98	45	61	45	62
Laborers, except farm	25	33	53	105	11	103	29	135	64	57
Farm workers	9	5	—	—	5	21	—	15	11	5
Service workers <sup>1</sup>	68	132	226	352	91	303	152	373	170	152
Cleaning and food service workers	37	64	124	240	47	195	105	318	86	60
Protective service workers	8	11	9	—	8	16	23	25	15	35
Personal and health service workers	23	52	83	67	36	72	24	30	61	49
Private household workers	—	9	14	62	—	29	18	32	7	5
Female employed, 16 years old and over	295	329	732	772	462	981	438	897	419	483
Professional, technical, and kindred workers	53	28	154	97	86	154	84	171	46	56
Teachers, elementary and secondary schools	35	6	63	38	31	54	27	24	24	15
Managers and administrators, except farm	15	19	26	51	5	22	31	10	9	6
Sales workers	26	31	75	133	74	119	54	41	30	54
Clerical and kindred workers	131	119	237	220	221	360	153	261	179	151
Secretaries, stenographers, and typists	35	50	92	85	102	181	69	57	93	47
Operatives, including transport	26	56	91	27	24	107	33	157	29	106
Other blue-collar workers	—	10	27	—	—	20	5	34	—	21
Farm workers	—	—	—	—	—	—	—	5	—	—
Service workers, except private household	44	62	108	187	52	170	70	192	119	84
Private household workers	—	4	14	57	—	29	18	26	7	5
<b>INDUSTRY</b>										
Total employed, 16 years old and over	882	966	1 901	2 116	1 440	2 684	1 113	1 980	1 147	1 414
Construction	48	43	84	82	65	182	54	53	84	113
Manufacturing	187	360	597	308	319	661	220	723	352	532
Durable goods	137	226	449	233	215	465	171	477	229	386
Transportation	23	30	22	18	45	67	52	38	39	51
Communications, utilities, and sanitary services	23	30	51	23	44	44	27	44	23	22
Wholesale trade	51	42	126	141	102	206	96	23	44	54
Retail trade	203	169	283	583	331	471	240	405	226	199
Finance, insurance, and real estate	82	56	99	131	156	199	67	49	56	53
Business and repair services	35	50	101	48	61	77	62	11	21	28
Personal services	30	39	60	149	24	100	55	89	27	51
Health services	43	33	185	126	88	163	58	46	74	125
Educational services	72	48	145	303	137	298	82	354	89	82
Other professional and related services	31	12	77	147	42	112	28	55	31	38
Public administration	37	24	56	10	8	51	42	28	48	44
Other industries	17	30	15	47	18	53	30	62	33	22
<b>CLASS OF WORKER</b>										
Total employed, 16 years old and over	882	966	1 901	2 116	1 440	2 684	1 113	1 980	1 147	1 414
Private wage and salary workers	670	798	1 586	1 877	1 222	2 171	922	1 804	967	1 127
Government workers	136	79	193	47	101	283	101	108	112	177
Local government workers	85	73	131	32	74	239	80	76	98	160
Self-employed workers	72	89	122	180	112	216	90	53	62	101
Unpaid family workers	4	—	—	12	5	14	—	15	6	9

<sup>1</sup>Includes allocated cases, not shown separately.























Table P-4. Income Characteristics of the Population: 1970—Continued

(Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text)

Census Tracts	Totals for split tracts in Kent County						Totals for split tracts in Ottawa County		Adjacent tract in Allegan County (Holland part)	
	Tract 0001	Tract 0003	Tract 0011	Tract 0044	Tract 0045	Tract 0118	Tract 0126	Tract 0223	Tract 0228	Tract 0301
<b>INCOME IN 1969 OF FAMILIES AND UNRELATED INDIVIDUALS</b>										
All families	567	659	1 264	872	929	1 628	672	855	701	890
Less than \$1,000	—	11	5	—	—	3	6	—	12	17
\$1,000 to \$1,999	10	11	6	—	25	18	12	29	—	15
\$2,000 to \$2,999	19	15	50	11	17	7	16	56	6	41
\$3,000 to \$3,999	15	36	13	10	16	29	9	53	26	18
\$4,000 to \$4,999	7	25	15	20	9	22	27	60	10	21
\$5,000 to \$5,999	9	—	45	22	27	19	14	47	19	39
\$6,000 to \$6,999	33	67	88	14	16	72	18	84	55	39
\$7,000 to \$7,999	27	41	75	19	24	68	23	80	31	77
\$8,000 to \$8,999	26	57	96	31	67	119	38	63	40	72
\$9,000 to \$9,999	56	55	51	24	27	86	58	77	57	85
\$10,000 to \$11,999	107	109	190	99	89	179	99	121	123	116
\$12,000 to \$14,999	91	111	279	181	208	325	129	101	130	157
\$15,000 to \$24,999	145	99	305	296	339	477	196	70	159	146
\$25,000 to \$49,999	17	22	46	118	53	158	22	14	33	47
\$50,000 or more	5	—	—	27	12	46	5	—	—	—
Median income	\$11 523	\$10 211	\$11 979	\$15 169	\$14 127	\$13 772	\$12 372	\$8 294	\$11 537	\$10 362
Mean income	\$12 628	\$10 748	\$12 432	\$18 066	\$15 145	\$16 106	\$13 588	\$8 807	\$12 769	\$11 432
Families and unrelated individuals	734	731	1 486	2 215	1 002	2 173	882	2 829	788	1 011
Median income	\$10 901	\$9 653	\$10 811	\$2 560	\$13 760	\$11 168	\$10 840	\$1 714	\$10 927	\$9 535
Mean income	\$11 973	\$10 110	\$11 123	\$8 308	\$14 586	\$12 659	\$11 898	\$3 900	\$11 977	\$10 462
Unrelated individuals	167	72	222	1 343	73	545	210	1 974	87	121
Median income	\$7 542	\$3 600	\$2 960	\$1 104	\$5 618	\$1 748	\$5 348	\$1 044	\$4 750	\$2 929
Mean income	\$9 752	\$4 273	\$3 664	\$1 972	\$7 471	\$2 363	\$6 489	\$1 775	\$5 591	\$3 331
<b>TYPE OF INCOME IN 1969 OF FAMILIES</b>										
All families	567	659	1 264	872	929	1 628	672	855	701	890
With wage or salary income	470	540	1 151	755	869	1 471	582	754	636	793
Mean wage or salary income	\$11 796	\$10 238	\$11 630	\$15 353	\$13 050	\$13 926	\$12 246	\$8 379	\$11 940	\$10 588
With nonfarm self-employment income	77	79	153	188	158	273	110	57	82	101
Mean nonfarm self-employment income	\$7 504	\$9 655	\$7 352	\$16 069	\$11 587	\$10 898	\$9 030	\$4 911	\$9 690	\$11 043
With farm self-employment income	5	11	8	6	10	30	10	17	5	15
Mean farm self-employment income	—	—	—	—	—	—	—	—	—	—
With Social Security income	110	150	233	79	96	249	102	206	83	141
Mean Social Security income	\$1 966	\$1 847	\$1 966	\$1 906	\$1 879	\$2 049	\$1 792	\$1 935	\$2 320	\$1 680
With public assistance or public welfare income	13	20	46	9	6	14	29	69	3	21
Mean public assistance or public welfare income	—	—	\$952	—	—	—	\$940	\$1 536	—	—
With other income	256	300	547	450	527	836	310	291	290	316
Mean other income	\$2 761	\$1 578	\$1 285	\$2 162	\$1 267	\$2 692	\$2 561	\$1 503	\$1 234	\$1 244
<b>RATIO OF FAMILY INCOME TO POVERTY LEVEL<sup>1</sup></b>										
Percent of families with incomes:										
Less than .50 of poverty level	0.9	3.3	0.4	0.7	1.1	0.8	0.9	0.8	1.7	1.9
.50 to .74	2.3	—	0.8	—	2.2	—	1.6	3.4	0.4	0.6
.75 to .99	1.6	—	1.7	1.3	—	0.8	0.9	8.3	0.7	4.2
1.00 to 1.24	3.0	2.4	3.3	—	1.7	0.6	2.4	6.0	0.6	3.3
1.25 to 1.49	4.1	5.3	2.6	2.3	2.4	2.8	2.1	3.9	1.3	2.0
1.50 to 1.99	7.8	11.4	5.4	2.6	4.1	6.8	6.4	16.7	10.7	9.9
2.00 to 2.99	21.0	33.1	33.0	20.3	17.1	21.9	26.5	23.6	31.8	31.7
3.00 or more	59.4	44.5	52.8	72.8	71.5	66.4	59.2	37.3	52.8	46.5
<b>INCOME BELOW POVERTY LEVEL<sup>1</sup></b>										
Families	27	22	36	17	30	26	23	107	20	59
Percent of all families	4.8	3.3	2.8	1.9	3.2	1.6	3.4	12.5	2.9	6.6
Mean family income	\$2 180	—	\$1 819	—	\$1 683	\$1 740	—	\$2 560	—	\$1 914
Mean income deficit	\$831	—	\$785	—	\$1 719	\$1 383	—	\$978	—	\$1 152
Percent receiving public assistance income	29.6	—	—	—	—	—	—	25.2	—	15.3
Mean size of family	3.19	—	2.56	—	3.57	3.35	—	3.77	—	3.44
With related children under 18 years	8	22	15	17	21	10	11	68	8	25
Mean number of related children under 18 years	—	—	—	—	—	—	—	2.85	—	3.16
With related children under 6 years	8	17	5	—	10	5	—	5	—	15
Mean number of related children under 6 years	—	—	—	—	—	—	—	1.58	—	—
Families with female head	—	11	10	5	4	5	17	40	3	11
With related children under 18 years	—	11	5	5	4	—	11	31	3	11
Mean number of related children under 18 years	—	—	—	—	—	—	—	2.90	—	—
With related children under 6 years	—	11	5	—	4	—	—	19	—	5
Percent in labor force	—	—	—	—	—	—	—	—	—	—
Mean number of related children under 6 years	—	—	—	—	—	—	—	—	—	—
Family heads	27	22	36	17	30	26	23	107	20	59
Percent 65 years and over	70.4	—	58.3	—	—	42.3	—	38.3	—	49.2
Civilian male heads under 65 years	8	11	10	12	26	10	—	38	11	19
Percent in labor force	—	—	—	—	100.0	—	—	68.4	—	—
Unrelated individuals	28	23	87	127	11	93	37	301	7	54
Percent of all unrelated individuals	16.8	31.9	39.2	48.3	15.1	34.6	17.6	49.8	8.0	44.6
Mean income	\$1 266	—	\$944	\$843	—	\$1 068	\$553	\$891	—	\$977
Mean income deficit	\$543	—	\$865	\$1 044	—	\$777	\$1 266	\$986	—	\$790
Percent receiving public assistance income	17.9	—	4.6	—	—	—	—	7.6	—	9.3
Percent 65 years and over	64.3	—	66.7	7.1	—	19.4	13.5	20.3	—	81.5
Persons	114	101	179	237	118	180	115	704	71	237
Percent of all persons	5.4	4.0	3.6	6.3	3.3	2.8	4.2	19.2	2.6	7.7
Percent receiving Social Security income	40.4	17.8	48.0	2.5	—	25.6	19.1	19.2	18.3	30.4
Percent 65 years and over	48.2	12.9	56.4	3.8	—	24.4	19.1	17.5	28.2	37.7
Percent receiving Social Security income	74.5	—	78.2	—	—	93.2	—	91.9	—	80.4
Related children under 18 years	28	44	17	86	48	21	43	193	35	74
Percent living with both parents	100.0	54.5	—	87.2	87.5	—	—	44.0	45.7	75.7
Households	50	36	74	26	34	45	34	230	14	93
Percent of all households	7.3	5.1	5.6	2.8	3.5	2.8	5.1	19.7	1.8	11.3
Owner occupied	35	30	65	20	24	24	23	92	9	66
Mean value of unit	\$11 800	\$13 100	\$15 000	—	—	—	—	\$10 500	—	\$16 100
Renter occupied	15	6	9	6	10	21	11	138	5	27
Mean gross rent	—	—	—	—	—	—	—	\$71	—	\$84
Percent lacking some or all plumbing facilities	—	13.9	8.1	—	—	8.9	—	23.9	—	6.5

<sup>1</sup>Excludes inmates of institutions, members of the Armed Forces living in barracks, college students in dormitories, and unrelated individuals under 14 years.

**Table P-5. General and Social Characteristics of the Negro Population: 1970**

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

Census Tracts With 400 or More Negro Population	Kent County				Ottawa County			Grand Rapids		
	Total SMSA	Total	Grand Rapids	Wyoming	Balance	Total	Holland (part)	Balance	Tract 0011	Tract 0025
<b>AGE BY SEX</b>										
Male, all ages	11 066	10 930	10 554	131	245	136	24	112	222	345
Under 5 years	1 601	1 601	1 551	16	34	--	--	--	18	78
3 and 4 years	753	753	727	16	10	--	--	--	6	38
5 to 9 years	1 686	1 686	1 640	26	20	--	--	--	29	60
5 years	303	303	285	13	5	--	--	--	9	9
6 years	340	340	334	6	--	--	--	--	6	24
10 to 14 years	1 563	1 552	1 512	16	24	11	--	11	37	30
14 years	327	327	324	--	3	48	11	37	6	6
15 to 19 years	1 196	1 148	1 126	--	22	10	--	10	25	27
15 years	329	319	310	--	9	8	--	8	13	--
16 years	223	215	211	--	4	4	--	4	--	7
17 years	285	281	276	--	5	11	--	11	5	10
18 years	186	175	171	--	4	15	11	4	7	10
19 years	173	158	158	--	5	19	6	13	12	26
20 to 24 years	760	741	731	5	5	8	--	8	6	5
20 years	156	148	148	--	5	5	--	5	6	--
21 years	176	171	166	--	5	--	--	5	6	5
25 to 34 years	1 219	1 219	1 175	25	19	--	--	--	5	50
35 to 44 years	1 110	1 093	1 059	14	20	17	7	10	57	47
45 to 54 years	894	883	821	29	33	11	--	11	24	8
55 to 59 years	367	364	332	--	32	3	--	3	3	11
60 to 64 years	232	223	203	--	20	9	--	9	15	8
65 to 74 years	320	307	291	--	16	13	--	13	--	--
75 years and over	118	113	113	--	--	5	--	5	--	--
Female, all ages	12 070	11 916	11 645	118	153	154	57	97	235	409
Under 5 years	1 620	1 606	1 576	11	19	14	3	11	20	85
3 and 4 years	593	593	579	--	14	--	--	--	6	28
5 to 9 years	1 469	1 467	1 436	21	10	2	--	2	31	63
5 years	310	310	305	5	4	--	--	--	--	4
6 years	327	327	317	4	4	--	--	--	--	18
10 to 14 years	1 647	1 638	1 617	11	10	9	--	9	43	27
14 years	285	281	281	--	--	4	--	4	6	--
15 to 19 years	1 278	1 268	1 245	11	12	10	10	--	24	38
15 years	271	271	271	--	--	--	--	--	11	7
16 years	365	365	360	--	5	--	--	--	--	9
17 years	225	225	215	--	5	--	--	--	7	--
18 years	201	191	191	--	--	10	10	--	6	13
19 years	216	216	208	6	2	--	--	--	--	9
20 to 24 years	960	913	899	10	4	47	44	3	--	62
20 years	207	190	187	5	4	17	17	--	6	6
21 years	202	187	181	--	--	15	15	--	--	18
25 to 34 years	1 475	1 471	1 414	26	31	4	--	4	33	56
35 to 44 years	1 374	1 352	1 321	17	14	22	--	22	53	34
45 to 54 years	994	979	950	11	18	15	--	15	13	7
55 to 59 years	324	320	311	--	9	4	--	4	--	11
60 to 64 years	283	271	265	--	6	12	--	12	--	4
65 to 74 years	489	474	454	--	20	15	--	15	12	5
75 years and over	157	157	157	--	--	--	--	--	6	17
<b>RELATIONSHIP TO HEAD OF HOUSEHOLD</b>										
All persons	23 136	22 846	22 199	249	398	290	81	209	457	754
In households	22 835	22 581	21 968	249	364	254	49	205	438	754
Head of household	6 357	6 283	6 079	73	131	74	16	58	114	251
Head of family	5 004	4 941	4 773	64	104	63	16	47	101	186
Primary individual	1 353	1 342	1 306	9	27	11	--	11	13	65
Wife of head	3 090	3 039	2 900	59	80	51	6	45	77	82
Other relative of head	12 913	12 837	12 567	117	153	76	3	73	247	421
Not related to head	475	422	422	--	--	53	24	29	--	--
In group quarters	301	265	231	--	--	36	32	4	19	--
Persons per household	3.59	3.59	3.61	3.41	2.78	3.43	...	3.53	3.84	3.00
<b>TYPE OF HOUSEHOLD</b>										
All households	6 357	6 283	6 079	73	131	74	16	58	114	251
Male primary individual	615	615	588	9	18	--	--	--	--	35
Female primary individual	738	727	718	--	9	11	--	11	13	30
Husband-wife households	3 280	3 224	3 060	64	100	56	13	43	94	94
Households with other male head	166	166	--	--	--	--	--	--	--	12
Households with female head	1 558	1 551	1 547	--	4	7	3	4	7	80
<b>SCHOOL ENROLLMENT</b>										
Persons, 16 to 21 years old	2 615	2 522	2 472	16	34	93	53	40	37	87
Not attending school	1 269	1 243	1 223	11	9	26	9	17	13	68
Not high school graduates	746	734	730	--	4	12	--	12	13	43
Percent of total	28.5	29.1	29.5	--	11.8	12.9	--	30.0	35.1	49.4
<b>YEARS OF SCHOOL COMPLETED</b>										
Persons, 25 years old and over	9 356	9 226	8 866	122	238	130	7	123	218	258
No school years completed	203	197	192	--	5	6	--	6	--	--
Elementary:	605	601	586	--	15	4	--	4	--	7
5 to 7 years	1 392	1 376	1 334	6	36	16	--	16	19	22
8 years	1 285	1 249	1 194	17	38	36	--	36	14	28
High school:	3 182	3 158	3 063	26	69	24	--	24	52	103
1 to 3 years	1 812	1 775	1 711	26	37	37	--	37	58	58
4 years	629	629	576	25	28	--	--	--	44	29
College:	248	241	210	10	21	7	7	--	31	11
4 years or more	10.1	10.1	10.1	12.3	10.1	9.4	...	9.0	12.4	11.1
Median school years completed	10.1	10.1	10.1	12.3	10.1	9.4	...	9.0	12.4	11.1
Percent high school graduates	28.7	28.7	28.2	59.8	31.5	33.8	...	30.1	61.0	38.0
<b>RESIDENCE IN 1965</b>										
Persons, 5 years old and over, 1970 <sup>1</sup>	20 001	19 759	19 110	269	380	242	80	142	457	589
Some house as in 1970	7 447	7 358	7 111	72	175	89	--	89	42	132
Different house:										
In central city of this SMSA	7 642	7 626	7 373	132	121	16	--	16	351	298
In other part of this SMSA	448	416	351	25	40	32	--	32	--	10
Outside this SMSA	2 664	2 573	2 548	8	17	91	76	15	64	105
North and West	1 717	1 626	1 605	8	13	91	76	15	18	55
South	947	947	943	--	4	--	--	--	46	50
Abroad	90	90	84	6	--	--	--	--	--	11

<sup>1</sup>Includes "Moved, 1965 residence not reported."

Table P-5. General and Social Characteristics of the Negro Population: 1970—Continued

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

**Census Tracts With  
400 or More Negro  
Population**

**AGE BY SEX**

**Male, all ages**

Under 5 years	56	159	147	149	297	263	110	154	18
3 and 4 years	21	80	103	43	146	127	52	71	6
5 to 9 years	85	190	123	124	275	302	114	178	29
5 years	23	30	26	23	38	52	16	49	9
6 years	22	36	22	18	48	97	17	27	6
10 to 14 years	89	147	124	159	300	260	94	171	37
14 years	10	43	13	35	63	55	32	50	6
15 to 19 years	76	126	132	121	236	137	82	85	25
15 years	17	25	44	33	56	39	44	28	13
16 years	9	44	12	20	59	27	6	17	—
17 years	21	31	48	21	62	37	5	20	5
18 years	16	8	10	26	25	23	16	20	—
19 years	13	18	18	21	34	11	11	—	7
20 to 24 years	40	56	84	89	104	170	18	60	12
20 years	4	16	33	7	18	11	18	15	6
21 years	23	17	23	16	31	26	—	5	6
25 to 34 years	74	112	113	107	171	249	85	124	5
35 to 44 years	39	105	112	102	288	116	41	75	57
45 to 54 years	64	115	97	101	145	97	52	69	24
55 to 59 years	33	86	27	38	57	54	—	11	—
60 to 64 years	8	42	10	40	17	42	—	16	15
65 to 74 years	32	80	23	69	29	33	—	11	—
75 years and over	23	20	—	15	11	15	—	11	—

**Female, all ages**

Under 5 years	93	154	175	141	272	269	82	174	20
3 and 4 years	42	48	43	60	98	98	42	69	6
5 to 9 years	63	162	107	98	240	275	136	173	31
5 years	5	39	14	25	67	43	41	51	—
6 years	22	53	18	4	56	73	22	30	—
10 to 14 years	62	136	151	206	316	282	111	95	43
14 years	—	35	7	38	67	73	30	4	6
15 to 19 years	82	134	111	165	237	151	78	109	24
15 years	14	18	14	37	82	28	—	27	11
16 years	16	47	45	41	33	50	40	53	—
17 years	29	31	27	27	44	21	12	8	7
18 years	9	24	—	40	34	20	22	5	6
19 years	14	14	25	20	44	32	4	16	—
20 to 24 years	37	84	138	69	146	166	30	115	—
20 years	7	30	7	20	38	31	5	21	—
21 years	19	17	31	—	35	30	—	29	—
25 to 34 years	83	142	136	129	206	270	107	153	33
35 to 44 years	42	122	111	129	334	218	70	86	53
45 to 54 years	77	152	101	128	168	157	34	63	13
55 to 59 years	11	64	41	24	53	58	5	27	—
60 to 64 years	24	75	19	60	31	23	12	6	—
65 to 74 years	41	84	59	67	46	58	—	16	12
75 years and over	10	35	10	23	16	36	—	16	6

**RELATIONSHIP TO HEAD OF HOUSEHOLD**

**All persons**

In households	1 244	2 582	2 151	2 353	3 995	3 701	1 261	1 982	457
Head of household	1 240	2 547	2 151	2 353	3 974	3 701	1 261	1 982	438
Head of family	327	771	637	715	1 119	952	255	518	114
Primary individual	248	560	443	555	903	813	238	391	101
Wife of head	79	211	194	160	216	139	17	127	13
Other relative of head	151	352	317	338	482	528	170	246	77
Not related to head	729	1 377	1 124	1 255	2 292	2 176	812	1 177	247
In group quarters	33	47	73	45	81	45	24	41	—
Persons per household	4	35	—	—	21	—	—	—	19
	3.79	3.30	3.38	3.29	3.55	3.89	4.95	3.83	3.84

**TYPE OF HOUSEHOLD**

**All households**

Male primary individual	327	771	637	715	1 119	952	255	518	114
Female primary individual	53	94	86	64	110	51	5	61	—
Husband-wife households	26	117	108	96	106	88	12	66	13
Households with other male head	151	372	276	368	552	552	176	237	94
Households with female head	7	12	19	32	54	11	—	19	—
	90	176	148	155	297	250	62	135	7

**SCHOOL ENROLLMENT**

**Persons, 16 to 21 years old**

Not attending school	180	297	279	259	457	319	139	209	37
Not high school graduates	120	182	160	95	216	118	51	102	13
Percent of total	83	91	99	42	161	54	18	64	13
	46.1	30.6	35.5	16.2	35.2	16.9	12.9	30.6	35.1

**YEARS OF SCHOOL COMPLETED**

**Persons, 25 years old and over**

No school years completed	561	1 234	859	1 032	1 572	1 426	406	668	218
Elementary: 1 to 4 years	17	59	10	31	30	35	—	7	—
5 to 7 years	76	123	56	62	102	57	4	58	—
8 years	118	313	113	177	197	163	24	82	19
High school: 1 to 3 years	93	252	133	122	200	123	38	98	14
4 years	186	286	378	381	619	518	137	247	52
College: 1 to 3 years	57	175	117	189	317	363	127	162	58
4 years or more	14	20	35	58	89	135	46	11	44
Median school years completed	—	6	17	12	18	32	30	3	31
Percent high school graduates	8.7	8.5	9.9	10.0	10.2	10.9	12.0	10.1	12.4
	12.7	16.3	19.7	25.1	27.0	37.2	50.0	26.3	61.0

**RESIDENCE IN 1965**

**Persons, 5 years old and over, 1970<sup>1</sup>**

Same house as in 1970	1 094	2 269	1 829	2 003	3 486	3 169	1 080	1 654	457
Different house:	507	1 276	700	1 008	1 657	980	180	491	42
In central city of this SMSA	261	343	596	699	1 252	1 385	612	658	351
In other part of this SMSA	44	9	48	—	87	61	15	17	—
Outside this SMSA	153	454	350	154	199	526	145	242	64
North and West	69	326	241	80	93	355	107	143	18
South	84	128	109	74	106	171	38	99	46
road	—	—	—	—	12	42	7	—	—

<sup>1</sup>Includes "Moved, 1965 residence not reported."



**Table P-6. Economic Characteristics of the Negro Population: 1970**

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

**Census Tracts With 400 or More Negro Population**

**EMPLOYMENT STATUS AND OCCUPATION**

	Kent County				Ottawa County			Grand Rapids		
	Total SMSA	Total	Grand Rapids	Wyoming	Balance	Total	Holland (part)	Balance	Tract 0011	Tract 0025
<b>Male, 16 years old and over</b>	<b>5 887</b>	<b>5 772</b>	<b>5 541</b>	<b>73</b>	<b>158</b>	<b>115</b>	<b>24</b>	<b>91</b>	<b>125</b>	<b>177</b>
Labor force	4 362	4 294	4 109	73	112	68	18	50	117	154
Civilian labor force	4 362	4 294	4 109	73	112	68	18	50	117	154
Employed	3 758	3 695	3 516	67	112	63	18	45	98	131
Unemployed	604	599	593	6	—	5	—	5	19	23
Not in labor force	1 525	1 478	1 432	—	46	47	6	41	8	23
<b>Female, 16 years old and over</b>	<b>7 063</b>	<b>6 934</b>	<b>6 745</b>	<b>75</b>	<b>114</b>	<b>129</b>	<b>34</b>	<b>75</b>	<b>130</b>	<b>227</b>
Labor force	3 512	3 451	3 337	58	56	61	26	35	69	116
Civilian labor force	3 512	3 451	3 337	58	56	61	26	35	69	116
Employed	3 131	3 074	2 971	58	45	57	26	31	69	102
Unemployed	381	377	366	—	11	4	—	4	—	14
Not in labor force	3 551	3 483	3 408	17	58	68	28	40	61	111
Married women in labor force, husband present	1 754	1 733	1 641	48	44	21	6	15	55	49
With own children under 6 years	615	615	588	16	11	—	—	—	4	35
<b>Total employed, 16 years old and over</b>	<b>6 889</b>	<b>6 769</b>	<b>6 487</b>	<b>125</b>	<b>157</b>	<b>120</b>	<b>44</b>	<b>76</b>	<b>167</b>	<b>233</b>
Professional, technical, and kindred workers	490	468	423	25	20	22	19	3	41	34
Managers and administrators, except farm	181	181	158	10	13	—	—	—	16	10
Sales workers	152	152	130	10	7	—	—	—	5	6
Clerical and kindred workers	757	731	710	11	10	26	11	15	7	16
Craftsmen, foremen, and kindred workers	644	633	592	16	25	11	—	11	14	21
Operatives, except transport	2 088	2 062	1 974	27	61	26	3	23	13	73
Transport equipment operatives	217	217	217	—	—	—	—	—	—	14
Laborers, except farm	452	443	443	—	—	9	5	4	12	14
Farm workers	11	8	8	—	—	3	—	3	—	—
Service workers, except private household	1 701	1 682	1 645	21	16	19	6	13	59	30
Private household workers	196	192	187	—	5	4	—	4	—	15
<b>Female employed, 16 years old and over</b>	<b>3 131</b>	<b>3 074</b>	<b>2 971</b>	<b>58</b>	<b>45</b>	<b>57</b>	<b>26</b>	<b>31</b>	<b>69</b>	<b>102</b>
Professional, technical, and kindred workers	256	241	211	15	15	15	12	3	27	15
Managers and administrators, except farm	66	66	61	5	—	—	—	—	6	—
Sales workers	88	88	76	5	7	—	—	—	7	14
Clerical and kindred workers	616	594	583	11	—	22	11	11	4	33
Operatives, including transport	854	847	823	6	18	7	3	9	6	4
Other blue-collar workers	90	81	76	5	—	9	—	—	—	—
Farm workers	8	8	8	—	—	—	—	—	—	15
Service workers, except private household	957	957	946	11	—	—	—	—	23	15
Private household workers	196	192	187	—	5	4	—	4	—	15

**FAMILY INCOME IN 1969**

	Total SMSA	Total	Grand Rapids	Wyoming	Balance	Total	Holland (part)	Balance	Tract 0011	Tract 0025
<b>All families</b>	<b>5 004</b>	<b>4 941</b>	<b>4 773</b>	<b>64</b>	<b>104</b>	<b>63</b>	<b>16</b>	<b>47</b>	<b>101</b>	<b>186</b>
Less than \$1,000	295	295	289	—	6	—	—	—	—	7
\$1,000 to \$1,999	290	285	285	—	—	5	—	5	—	20
\$2,000 to \$2,999	417	409	409	—	—	8	—	8	8	11
\$3,000 to \$3,999	337	337	333	—	4	—	—	—	—	16
\$4,000 to \$4,999	400	392	386	—	6	8	—	8	—	20
\$5,000 to \$5,999	432	429	429	—	—	3	3	—	7	16
\$6,000 to \$6,999	425	419	409	5	5	6	6	—	7	23
\$7,000 to \$7,999	362	353	343	—	10	9	—	9	—	2
\$8,000 to \$8,999	371	371	351	5	15	—	—	—	—	14
\$9,000 to \$9,999	317	317	302	5	10	—	—	—	—	14
\$10,000 or more	1 358	1 334	1 237	49	48	24	7	17	79	37
Median income: Families	\$6 779	\$6 772	\$6 625	\$12 667	\$9 600	\$7 167	...	\$7 278	\$17 705	\$6 130
Families and unrelated individuals	\$5 546	\$5 598	\$5 471	\$12 167	\$9 147	\$2 000	\$950	\$3 750	\$15 574	\$5 500

**RATIO OF FAMILY INCOME TO POVERTY LEVEL<sup>1</sup>**

Percent of families with incomes:	Total SMSA	Total	Grand Rapids	Wyoming	Balance	Total	Holland (part)	Balance	Tract 0011	Tract 0025
Less than .50 of poverty level	10.5	10.6	10.8	—	5.8	—	—	—	—	6.5
.50 to .74	7.2	7.2	7.5	—	—	6.3	—	8.5	—	10.2
.75 to .99	9.5	9.4	9.8	—	—	14.3	—	19.1	—	10.2
1.00 to 1.24	6.8	6.9	7.1	—	—	—	—	—	7.9	9.1
1.25 to 1.49	6.9	6.9	7.1	—	3.8	—	—	—	—	2.7
1.50 to 1.99	12.1	12.1	12.1	—	20.2	12.7	—	17.0	6.9	14.0
2.00 or more	47.1	46.8	45.6	100.0	70.2	66.7	...	55.3	85.1	47.3

**INCOME BELOW POVERTY LEVEL<sup>1</sup>**

	Total SMSA	Total	Grand Rapids	Wyoming	Balance	Total	Holland (part)	Balance	Tract 0011	Tract 0025
<b>Families</b>	<b>1 358</b>	<b>1 345</b>	<b>1 339</b>	<b>—</b>	<b>6</b>	<b>13</b>	<b>—</b>	<b>13</b>	<b>—</b>	<b>50</b>
Percent of all families	27.1	27.2	28.1	—	5.8	20.6	—	27.7	—	26.9
Mean family income	\$2 254	\$2 255	\$2 261	—	—	—	—	—	—	\$2 029
Mean income deficit	\$1 879	\$1 890	\$1 893	—	—	—	—	—	—	\$1 252
Percent receiving public assistance income	50.9	51.1	51.3	—	—	—	—	—	—	62.0
Mean size of family	4.88	4.89	4.91	—	—	—	—	—	—	3.34
With related children under 18 years	1 208	1 204	1 204	—	—	4	—	4	—	45
Mean number of related children under 18 years	3.78	3.77	3.77	—	—	—	—	—	—	2.38
With related children under 6 years	844	844	844	—	—	—	—	—	—	42
Mean number of related children under 6 years	1.94	1.94	1.94	—	—	—	—	—	—	1.57
Families with female head	927	923	923	—	—	4	—	4	—	40
With related children under 18 years	893	889	889	—	—	—	—	—	—	40
Mean number of related children under 18 years	3.73	3.72	3.72	—	—	—	—	—	—	2.43
With related children under 6 years	639	639	639	—	—	—	—	—	—	37
Percent in labor force	25.4	25.4	25.4	—	—	—	—	—	—	10.8
Mean number of related children under 6 years	1.90	1.90	1.90	—	—	—	—	—	—	1.65
<b>Family heads</b>	<b>1 358</b>	<b>1 345</b>	<b>1 339</b>	<b>—</b>	<b>6</b>	<b>13</b>	<b>—</b>	<b>13</b>	<b>—</b>	<b>50</b>
Percent 65 years and over	8.8	8.2	7.8	—	—	—	—	—	—	10
Civilian male heads under 65 years	355	355	355	—	—	—	—	—	—	—
Percent in labor force	65.4	65.4	65.4	—	—	—	—	—	—	—
<b>Unrelated individuals</b>	<b>690</b>	<b>646</b>	<b>637</b>	<b>—</b>	<b>9</b>	<b>44</b>	<b>24</b>	<b>20</b>	<b>6</b>	<b>16</b>
Percent of all unrelated individuals	36.7	37.4	37.8	—	29.0	77.2	—	60.6	23.1	24.6
Mean income	\$937	\$952	\$957	—	—	\$711	—	—	—	—
Mean income deficit	\$902	\$884	\$880	—	—	\$1 155	—	—	—	—
Percent receiving public assistance income	25.7	27.4	27.8	—	—	—	—	—	—	—
Percent 65 years and over	37.7	39.3	39.9	—	—	13.6	—	—	—	—
<b>Persons</b>	<b>7 314</b>	<b>7 228</b>	<b>7 207</b>	<b>—</b>	<b>21</b>	<b>86</b>	<b>24</b>	<b>62</b>	<b>6</b>	<b>183</b>
Percent of all persons	32.1	32.1	32.9	—	5.7	34.8	49.0	31.3	1.3	24.3
Percent receiving Social Security income	6.6	7.2	7.2	—	—	22.1	—	30.6	—	2.2
Percent 65 years and over	73.9	6.2	6.1	—	—	27.9	—	38.7	—	2.2
Percent receiving Social Security income	73.9	73.6	74.3	—	—	—	—	—	—	—
Related children under 18 years	4 522	4 501	4 497	—	—	21	—	21	—	107
Percent living with both parents	24.6	24.7	24.7	—	—	—	—	—	—	8.4
<b>Households</b>	<b>1 614</b>	<b>1 614</b>	<b>1 603</b>	<b>—</b>	<b>11</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>6</b>	<b>62</b>
Percent of all households	28.6	28.8	29.5	—	11.0	—	—	—	6.4	28.3
Owner occupied	477	477	471	—	6	—	—	—	6	4
Mean value of unit	\$9 900	\$9 900	\$9 800	—	—	—	—	—	—	—
Renter occupied	1 137	1 137	1 132	—	5	—	—	—	—	58
Mean gross rent	\$93	\$93	\$93	—	—	—	—	—	—	\$98
Percent lacking some or all plumbing facilities	0.9	0.9	0.9	—	—	—	—	—	—	—

<sup>1</sup>Excludes inmates of institutions, members of the Armed Forces living in barracks, college students in dormitories, and unrelated individuals under 14 years.

Table P-6. Economic Characteristics of the Negro Population: 1970—Continued

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

Census Tracts With 400 or More Negro Population

EMPLOYMENT STATUS AND OCCUPATION

	Grand Rapids—Con.								Total for split tract in Kent County	
	Tract 0026	Tract 0028	Tract 0029	Tract 0030	Tract 0031	Tract 0032	Tract 0033	Tract 0036	Tract 0011	
<b>Male, 16 years old and over</b>	372	717	554	649	1 002	874	234	434	185	
Labor force	212	462	386	496	786	720	215	334	117	
Civilian labor force	212	462	386	496	786	720	215	334	117	
Employed	181	401	317	450	673	582	177	296	98	
Unemployed	31	61	69	46	113	138	38	38	19	
Not in labor force	160	255	168	153	216	154	19	100	8	
<b>Female, 16 years old and over</b>	393	874	712	757	1 155	1 109	336	548	180	
Labor force	178	351	346	357	606	630	186	248	89	
Civilian labor force	178	351	346	357	606	630	186	248	89	
Employed	172	336	300	305	531	552	161	209	69	
Unemployed	6	15	46	52	75	78	25	39	20	
Not in labor force	215	523	366	400	549	479	150	300	91	
Married women in labor force, husband present	70	164	157	176	273	349	119	123	35	
With own children under 6 years	9	31	66	57	82	116	64	65	4	
<b>Total employed, 16 years old and over</b>	353	737	617	755	1 204	1 134	338	505	167	
Professional, technical, and kindred workers	9	16	43	45	40	62	43	14	41	
Managers and administrators, except farm	5	19	11	5	18	15	5	5	16	
Sales workers	—	—	4	6	7	56	19	—	5	
Clerical and kindred workers	31	54	51	87	125	161	51	82	7	
Craftsmen, foremen, and kindred workers	56	35	45	82	93	116	44	57	14	
Operatives, except transport	108	219	211	236	468	317	86	129	13	
Transport equipment operatives	13	16	22	31	23	58	8	20	—	
Laborers, except farm	6	71	53	32	118	55	20	37	12	
Farm workers	8	—	—	—	—	—	—	—	—	
Service workers, except private household	97	270	163	201	287	276	43	157	59	
Private household workers	20	37	14	30	25	18	9	4	—	
<b>Female employed, 16 years old and over</b>	172	336	300	305	531	552	161	209	69	
Professional, technical, and kindred workers	9	6	31	16	5	33	39	—	27	
Managers and administrators, except farm	5	6	—	5	—	5	—	—	6	
Sales workers	—	—	4	6	—	39	15	—	7	
Clerical and kindred workers	27	35	38	59	103	140	42	78	6	
Operatives, including transport	37	110	87	88	212	144	18	32	6	
Other blue-collar workers	3	4	—	10	16	19	6	—	—	
Farm workers	8	—	—	—	—	—	—	—	—	
Service workers, except private household	63	138	112	91	170	154	32	95	23	
Private household workers	20	37	14	30	25	18	9	4	—	
<b>FAMILY INCOME IN 1969</b>										
<b>All families</b>	248	560	443	555	903	813	238	391	101	
Less than \$1,000	41	32	9	55	52	34	—	18	—	
\$1,000 to \$1,999	21	66	40	11	66	51	—	7	—	
\$2,000 to \$2,999	27	42	56	28	110	66	10	41	8	
\$3,000 to \$3,999	3	8	30	36	67	65	17	54	—	
\$4,000 to \$4,999	13	68	51	49	64	37	11	20	7	
\$5,000 to \$5,999	26	62	74	41	94	21	29	29	7	
\$6,000 to \$6,999	19	75	19	41	79	54	20	66	7	
\$7,000 to \$7,999	25	48	15	80	43	51	5	45	7	
\$8,000 to \$8,999	13	38	56	28	44	91	40	14	—	
\$9,000 to \$9,999	12	48	26	34	99	73	10	9	—	
\$10,000 or more	48	115	67	152	185	268	96	88	79	
Median income: Families	\$5 731	\$6 027	\$5 480	\$7 206	\$5 984	\$8 280	\$8 675	\$6 402	\$17 705	
Families and unrelated individuals	\$4 474	\$4 906	\$4 447	\$5 894	\$5 213	\$7 331	\$8 311	\$5 567	\$15 574	
<b>RATIO OF FAMILY INCOME TO POVERTY LEVEL<sup>1</sup></b>										
Percent of families with incomes:										
Less than .50 of poverty level	26.6	13.8	11.5	9.9	10.9	10.5	—	8.2	—	
.50 to .74	7.7	8.9	7.0	4.0	7.2	8.1	5.5	5.6	—	
.75 to .99	4.0	8.8	17.8	6.3	13.7	6.2	8.0	15.6	—	
1.00 to 1.24	1.2	7.7	8.1	3.8	11.5	3.9	11.3	5.1	7.9	
1.25 to 1.49	5.2	4.3	9.5	8.8	7.2	8.6	12.6	7.4	—	
1.50 to 1.99	13.7	10.9	12.6	11.2	11.2	12.2	6.7	19.4	6.9	
2.00 or more	41.5	45.7	33.4	56.0	38.3	50.6	55.9	38.6	85.1	
<b>INCOME BELOW POVERTY LEVEL<sup>1</sup></b>										
<b>Families</b>	95	176	161	112	287	201	32	115	—	
Percent of all families	38.3	31.4	36.3	20.2	31.8	24.7	13.4	29.4	—	
Mean family income	\$1 406	\$2 067	\$2 739	\$1 890	\$2 249	\$2 172	\$4 025	\$2 558	—	
Mean income deficit	\$2 257	\$2 093	\$1 438	\$2 436	\$1 719	\$1 926	\$1 119	\$1 638	—	
Percent receiving public assistance income	45.3	52.3	44.7	38.4	52.3	55.2	65.6	62.6	—	
Mean size of family	4.14	4.79	5.00	4.90	4.53	4.79	8.00	5.04	—	
Mean number of related children under 18 years	3.58	3.68	3.99	3.48	3.22	3.68	6.47	3.87	—	
With related children under 6 years	39	103	98	64	186	139	26	87	—	
Mean number of related children under 6 years	1.67	2.17	1.88	1.70	1.73	1.97	2.42	1.97	—	
Families with female head	69	96	81	72	197	156	25	98	—	
With related children under 18 years	48	92	81	72	197	147	25	98	—	
Mean number of related children under 18 years	3.85	3.40	3.58	3.25	3.06	3.87	5.20	3.95	—	
With related children under 6 years	31	62	52	35	115	87	19	70	—	
Percent in labor force	9.7	14.5	46.2	20.8	27.0	33.9	—	28.6	—	
Mean number of related children under 6 years	1.84	1.77	1.62	1.85	1.68	2.03	—	2.11	—	
<b>Family heads</b>	95	176	161	112	287	201	32	115	—	
Percent 65 years and over	25.3	11.9	14.3	9.8	2.1	2.5	—	—	—	
Civilian male heads under 65 years	22	63	67	29	84	40	7	17	—	
Percent in labor force	—	58.7	73.1	55.2	78.6	30.0	—	—	—	
<b>Unrelated individuals</b>	54	138	121	55	94	64	9	47	6	
Percent of all unrelated individuals	46.6	54.5	48.0	28.4	32.2	36.4	25.0	30.5	23.1	
Mean income	\$951	\$1 008	\$972	\$1 014	\$864	\$788	—	\$940	—	
Mean income deficit	\$836	\$845	\$894	\$777	\$952	\$1 030	—	\$936	—	
Percent receiving public assistance income	57.4	40.6	22.3	—	22.3	20.3	—	21.3	—	
Percent 65 years and over	79.6	34.8	28.9	56.4	35.1	53.1	—	23.4	—	
<b>Persons</b>	447	981	926	604	1 394	1 026	265	627	6	
Percent of all persons	35.9	38.6	43.4	25.8	35.1	27.8	21.1	31.9	1.3	
Percent receiving Social Security income	16.6	10.7	8.1	14.6	4.3	4.4	2.3	3.5	—	
Percent 65 years and over	15.9	8.6	7.8	9.1	3.7	4.3	—	1.8	—	
Percent receiving Social Security income	64.8	85.7	80.6	89.1	56.9	68.2	—	—	—	
Related children under 18 years	276	539	534	372	905	641	226	446	—	
Percent living with both parents	19.9	43.0	38.8	31.2	23.1	14.2	36.7	11.7	—	
<b>Households</b>	103	250	210	144	309	235	27	140	6	
Percent of all households	38.9	40.1	38.8	22.0	29.9	26.3	10.9	29.6	6.4	
Owner occupied	21	42	40	46	105	115	27	13	6	
Mean value of unit	—	\$6 400	\$9 600	\$8 000	\$8 800	\$10 600	\$11 900	—	—	
Renter occupied	82	208	170	98	204	120	—	127	—	
Mean gross rent	\$87	\$89	\$92	\$90	\$95	\$104	—	\$102	—	
Percent lacking some or all plumbing facilities	5.8	2.0	—	—	—	—	—	—	—	

<sup>1</sup>Excludes inmates of institutions, members of the Armed Forces living in barracks, college students in dormitories, and unrelated individuals under 14 years.

**Table P-7. General and Social Characteristics of Persons of Spanish Language: 1970**

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

**Census Tracts With  
400 or More Persons  
of Spanish Language**

**AGE BY SEX**

	Total SMSA	Kent County				Ottawa County			Grand Rapids	Holland (part in Ottawa County)		Total for split tract in Ottawa County	
		Total	Grand Rapids	Wyoming	Balance	Total	Holland (part)	Balance	Tract 0026	Tract 0223	Tract 0224	Tract 0223	
<b>Male, all ages</b> .....	<b>3 617</b>	<b>2 187</b>	<b>1 408</b>	<b>299</b>	<b>480</b>	<b>1 430</b>	<b>891</b>	<b>539</b>	<b>292</b>	<b>316</b>	<b>397</b>	<b>355</b>	
Under 5 years.....	513	292	173	50	69	221	131	90	41	60	44	60	
3 and 4 years.....	223	99	62	18	19	124	65	39	28	27	18	27	
5 to 9 years.....	592	346	246	43	57	246	158	88	82	70	56	77	
5 years.....	132	60	44	7	9	72	60	12	6	29	25	29	
6 years.....	147	104	84	8	12	43	25	18	14	11	14	14	
10 to 14 years.....	486	291	175	48	68	195	118	77	19	12	79	26	
14 years.....	79	46	29	11	6	33	21	12	12	—	21	—	
15 to 19 years.....	364	208	150	11	47	156	119	37	39	39	15	8	
15 years.....	89	49	33	4	12	40	28	12	—	—	20	—	
16 years.....	73	40	26	7	7	33	27	6	6	17	18	17	
17 years.....	81	34	22	—	12	47	41	6	10	6	6	12	
18 years.....	91	66	57	—	9	25	12	13	16	8	3	8	
19 years.....	30	19	12	—	7	11	11	—	7	4	18	50	
20 to 24 years.....	375	207	135	32	40	168	82	86	17	13	—	13	
20 years.....	67	40	24	9	7	27	13	14	10	—	6	—	
21 years.....	72	40	12	6	22	32	17	15	5	—	—	—	
25 to 34 years.....	518	356	252	15	89	162	110	52	53	54	39	54	
35 to 44 years.....	270	169	82	39	48	101	70	31	28	14	56	14	
45 to 54 years.....	228	172	96	33	43	56	50	6	—	4	14	4	
55 to 59 years.....	84	49	28	15	6	35	21	14	9	6	—	6	
60 to 64 years.....	88	47	27	13	7	41	6	35	4	13	13	13	
65 to 74 years.....	95	46	40	—	6	49	26	23	—	—	—	—	
75 years and over.....	4	4	4	—	—	—	—	—	—	—	—	—	

<b>Female, all ages</b> .....	<b>3 644</b>	<b>2 317</b>	<b>1 494</b>	<b>269</b>	<b>554</b>	<b>1 327</b>	<b>878</b>	<b>449</b>	<b>379</b>	<b>268</b>	<b>392</b>	<b>312</b>
Under 5 years.....	504	353	265	17	71	151	87	64	91	23	25	23
3 and 4 years.....	184	130	105	12	13	54	37	17	30	7	18	7
5 to 9 years.....	475	265	185	34	46	210	160	50	79	50	66	57
5 years.....	133	92	63	7	22	41	29	12	28	5	14	5
6 years.....	37	19	19	—	—	18	10	—	7	—	4	4
10 to 14 years.....	542	351	193	54	104	191	125	66	27	69	38	76
14 years.....	141	73	32	41	—	68	46	22	5	22	12	22
15 to 19 years.....	409	246	149	29	68	163	121	42	35	4	79	11
15 years.....	43	36	16	6	14	7	7	—	7	—	7	—
16 years.....	109	53	40	—	13	56	34	22	—	4	17	11
17 years.....	116	69	42	—	27	47	34	13	16	—	28	—
18 years.....	72	36	36	—	—	36	29	7	—	—	15	—
19 years.....	69	52	15	23	14	17	17	—	—	—	12	—
20 to 24 years.....	349	235	141	19	75	114	46	68	32	9	37	17
20 years.....	79	66	35	—	31	13	5	8	19	5	—	5
21 years.....	79	48	21	7	20	31	11	20	6	4	7	4
25 to 34 years.....	492	303	203	24	76	189	125	64	47	54	46	62
35 to 44 years.....	406	272	157	47	68	134	101	33	41	24	57	24
45 to 54 years.....	211	147	96	20	31	64	36	28	5	16	7	23
55 to 59 years.....	106	59	38	13	8	47	19	28	9	7	6	—
60 to 64 years.....	78	51	39	12	7	27	21	6	—	—	14	7
65 to 74 years.....	63	35	28	—	7	28	28	—	13	12	8	12
75 years and over.....	9	—	—	—	—	9	9	—	—	—	9	—

**RELATIONSHIP TO HEAD OF HOUSEHOLD**

<b>All persons</b> .....	<b>7 261</b>	<b>4 504</b>	<b>2 902</b>	<b>568</b>	<b>1 034</b>	<b>2 757</b>	<b>1 769</b>	<b>988</b>	<b>671</b>	<b>584</b>	<b>789</b>	<b>667</b>
In households.....	7 166	4 449	2 861	568	1 020	2 717	1 753	964	671	568	789	651
Head of household.....	1 609	1 085	730	136	219	524	337	187	133	108	159	122
Head of family.....	1 479	964	615	136	213	515	328	187	121	108	150	122
Primary individual.....	130	121	115	—	6	9	9	—	—	—	9	—
Wife of head.....	1 295	872	529	129	214	423	259	164	103	86	120	93
Other relative of head.....	4 151	2 395	1 530	285	580	1 756	1 149	607	435	374	502	436
Not related to head.....	111	97	72	18	7	14	8	6	—	—	8	—
In group quarters.....	95	55	41	—	14	40	16	24	—	—	16	—
Persons per household.....	4.45	4.10	3.92	4.18	4.66	5.19	5.20	5.16	5.05	5.26	4.96	5.34

**TYPE OF HOUSEHOLD**

<b>All households</b> .....	<b>1 609</b>	<b>1 085</b>	<b>730</b>	<b>136</b>	<b>219</b>	<b>524</b>	<b>337</b>	<b>187</b>	<b>133</b>	<b>108</b>	<b>159</b>	<b>122</b>
Male primary individual.....	74	74	68	—	6	—	—	—	12	—	—	—
Female primary individual.....	56	47	47	—	—	9	9	—	—	—	9	—
Husband-wife households.....	1 292	860	518	129	213	432	270	162	93	96	122	102
Households with other male head.....	48	22	22	—	—	26	14	12	—	8	—	—
Households with female head.....	139	82	75	7	—	57	44	13	28	12	20	20

**SCHOOL ENROLLMENT**

<b>Persons, 16 to 21 years old</b> .....	<b>938</b>	<b>563</b>	<b>342</b>	<b>52</b>	<b>169</b>	<b>375</b>	<b>251</b>	<b>124</b>	<b>104</b>	<b>57</b>	<b>132</b>	<b>76</b>
Not attending school.....	504	299	176	43	80	205	129	76	59	39	61	51
Not high school graduates.....	365	193	127	29	37	172	111	61	40	39	43	51
Percent of total.....	38.9	34.3	37.1	55.8	21.9	45.9	44.2	49.2	38.5	68.4	32.6	67.1

**YEARS OF SCHOOL COMPLETED**

<b>Persons, 25 years old and over</b> .....	<b>2 652</b>	<b>1 710</b>	<b>1 090</b>	<b>231</b>	<b>389</b>	<b>942</b>	<b>622</b>	<b>320</b>	<b>209</b>	<b>204</b>	<b>285</b>	<b>225</b>
No school years completed.....	348	156	111	38	7	192	138	54	34	42	52	42
Elementary: 1 to 4 years.....	294	147	112	13	22	147	95	52	47	31	51	38
5 to 7 years.....	522	291	202	32	57	231	172	59	62	67	95	75
8 years.....	261	184	138	29	17	77	48	29	15	20	15	26
High school: 1 to 3 years.....	531	365	258	54	53	166	116	50	44	14	54	14
4 years.....	433	326	161	36	129	107	53	54	17	30	18	30
College: 1 to 3 years.....	152	140	65	14	61	12	—	12	—	—	—	—
4 years or more.....	111	101	43	15	43	10	—	10	—	—	—	—
Median school years completed.....	8.6	9.6	8.9	9.2	12.3	6.4	6.1	7.7	6.2	5.9	6.0	5.9
Percent high school graduates.....	26.2	33.2	24.7	28.1	59.9	13.7	8.5	23.8	3.3	14.7	6.3	13.3

**RESIDENCE IN 1965**

<b>Persons, 5 years old and over, 1970<sup>1</sup></b> .....	<b>6 244</b>	<b>3 859</b>	<b>2 464</b>	<b>501</b>	<b>894</b>	<b>2 385</b>	<b>1 551</b>	<b>834</b>	<b>539</b>	<b>501</b>	<b>720</b>	<b>584</b>
Same house as in 1970.....	1 722	1 039	548	166	325	683	482	201	77	126	261	126
Different house:												
In central city of this SMSA.....	1 201	1 193	871	148	174	8	8	—	242	8	—	8
In other part of this SMSA.....	1 084	388	128	62	198	696	507	189	—	120	212	156
Outside this SMSA.....	1 430	704	480	78	146	726	347	379	137	160	138	207
North and West.....	546	321	185	11	125	225	169	56	8	98	71	98
South.....	884	383	295	67	21	501	178	323	129	62	67	109
Abroad.....	360	256	223	—	33	104	90	14	18	64	26	64

<sup>1</sup>Includes "Moved, 1965 residence not reported."

**Table P-8. Economic Characteristics of Persons of Spanish Language: 1970**

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

**Census Tracts With  
400 or More Persons  
of Spanish Language**

	Total SMSA	Kent County				Ottawa County			Grand Rapids	Holland (part in Ottawa County)		Total for split tract in Ottawa County
		Total	Grand Rapids	Wyoming	Balance	Total	Holland (part)	Balance	Tract 0026	Tract 0223	Tract 0224	Tract 0223
<b>EMPLOYMENT STATUS AND OCCUPATION</b>												
Male, 16 years old and over	1 937	1 209	781	154	274	728	456	272	150	166	203	184
Labor force	1 641	1 018	635	141	242	623	393	230	109	158	166	170
Civilian labor force	1 641	1 018	635	141	242	623	393	230	109	158	166	170
Employed	1 506	922	567	132	223	584	376	208	100	158	149	170
Unemployed	135	96	68	9	19	39	17	22	9	—	17	—
Not in labor force	296	191	146	13	32	105	63	42	41	8	37	14
Female, 16 years old and over	2 080	1 312	835	158	319	768	499	269	177	126	256	156
Labor force	966	624	431	87	106	342	244	98	79	89	100	97
Civilian labor force	966	624	431	87	106	342	244	98	79	89	100	97
Employed	780	495	318	78	99	285	210	75	29	73	82	81
Unemployed	186	129	113	9	7	57	34	23	50	16	18	16
Not in labor force	1 114	688	404	71	213	426	255	171	98	37	156	59
Married women in labor force, husband present	593	400	255	71	74	193	136	57	44	65	50	65
With own children under 6 years	237	137	98	25	14	100	82	18	28	43	18	43
Total employed, 16 years old and over	2 286	1 417	885	210	322	869	586	283	129	231	231	331
Professional, technical, and kindred workers	100	78	59	—	19	22	6	16	—	—	—	—
Managers and administrators, except farm	31	24	16	—	8	7	7	—	—	—	—	—
Sales workers	108	101	59	14	28	7	—	7	11	—	—	—
Clerical and kindred workers	232	133	72	26	35	99	50	49	7	26	24	26
Craftsmen, foremen, and kindred workers	219	150	62	27	61	69	56	13	—	36	14	36
Operatives, except transport	956	543	395	64	84	413	344	69	62	129	135	149
Transport equipment operatives	49	37	3	20	14	12	6	6	3	—	—	—
Laborers, except farm	176	119	97	8	14	57	35	22	22	6	24	6
Farm workers	111	18	—	4	14	93	26	67	—	12	7	12
Service workers, except private household	284	194	111	38	45	90	56	34	24	22	27	22
Private household workers	20	20	11	9	—	—	—	—	—	—	—	—
Female employed, 16 years old and over	780	495	318	78	99	285	210	75	29	73	82	81
Professional, technical, and kindred workers	13	13	13	—	—	—	—	—	—	—	—	—
Managers and administrators, except farm	10	10	10	—	—	—	—	—	—	—	—	—
Sales workers	60	60	39	14	7	—	—	—	11	—	—	—
Clerical and kindred workers	149	104	66	14	24	45	19	26	7	7	12	7
Operatives, including transport	317	141	93	15	33	176	145	31	—	54	55	62
Other blue-collar workers	43	24	24	—	—	19	13	6	—	—	8	—
Farm workers	37	11	—	4	7	26	26	—	—	12	7	12
Service workers, except private household	131	112	62	22	28	19	7	12	11	—	—	—
Private household workers	20	20	11	9	—	—	—	—	—	—	—	—
<b>FAMILY INCOME IN 1969</b>												
All families	1 479	964	615	136	213	515	328	187	121	108	150	122
Less than \$1,000	42	42	36	6	—	—	—	—	15	—	—	—
\$1,000 to \$1,999	52	46	46	—	—	6	6	—	17	—	—	—
\$2,000 to \$2,999	58	34	34	—	—	24	11	13	12	—	6	—
\$3,000 to \$3,999	56	18	18	—	—	38	7	31	7	—	7	—
\$4,000 to \$4,999	110	55	41	—	14	55	32	23	5	12	20	12
\$5,000 to \$5,999	68	43	30	—	13	25	17	8	13	—	17	8
\$6,000 to \$6,999	135	88	72	11	5	47	21	26	16	—	15	—
\$7,000 to \$7,999	171	122	88	8	26	49	49	—	24	23	12	23
\$8,000 to \$8,999	125	90	50	25	15	35	28	7	—	—	18	—
\$9,000 to \$9,999	155	109	56	21	32	46	32	14	5	32	—	37
\$10,000 or more	507	317	144	65	108	190	125	65	7	—	41	42
Median income: Families	\$8 380	\$8 378	\$7 347	\$9 857	\$10 075	\$8 386	\$8 750	\$6 712	\$5 346	\$9 594	\$7 833	\$9 533
Families and unrelated individuals	\$7 482	\$7 332	\$6 253	\$9 429	\$9 844	\$7 857	\$8 161	\$6 558	\$5 346	\$9 344	\$7 125	\$9 313
<b>RATIO OF FAMILY INCOME TO POVERTY LEVEL<sup>1</sup></b>												
Percent of families with incomes:												
Less than .50 of poverty level	5.9	7.9	11.4	4.4	—	2.3	1.8	3.2	36.4	—	—	—
.50 to .74	4.1	2.5	3.9	—	—	7.0	6.4	8.0	—	6.5	9.3	5.7
.75 to .99	5.6	5.2	8.1	—	—	6.4	4.3	10.2	14.9	—	6.0	—
1.00 to 1.24	5.2	3.2	4.2	—	2.3	8.9	5.5	15.0	9.9	4.6	8.7	10.7
1.25 to 1.49	5.5	5.7	5.0	—	5.1	5.0	3.4	8.0	7.4	—	3.3	—
1.50 to 1.99	18.7	15.5	15.1	—	13.2	24.9	30.2	15.5	11.6	34.3	26.7	30.3
2.00 or more	55.0	60.1	52.2	—	71.8	45.4	48.5	40.1	19.8	54.6	46.0	53.3
<b>INCOME BELOW POVERTY LEVEL<sup>1</sup></b>												
Families	231	150	144	6	—	81	41	40	62	7	23	7
Percent of all families	15.6	15.6	23.4	4.4	—	15.7	12.5	21.4	51.2	6.5	15.3	5.7
Mean family income	\$2 454	\$1 969	\$2 051	—	—	\$3 352	\$3 383	\$3 321	\$2 309	—	—	—
Mean income deficit	\$1 824	\$1 897	\$1 856	—	—	\$1 688	\$1 949	\$1 420	\$2 278	—	—	—
Percent receiving public assistance income	28.1	34.0	35.4	—	—	17.3	34.1	—	46.8	—	—	—
Mean size of family	4.77	4.24	4.29	—	—	5.77	6.07	5.45	5.26	—	—	—
With related children under 18 years	200	119	119	—	—	81	41	40	58	7	23	7
Mean number of related children under 18 years	3.18	2.85	2.85	—	—	3.65	4.22	3.08	3.40	—	—	—
With related children under 6 years	156	84	84	—	—	72	32	40	27	7	14	7
Mean number of related children under 6 years	1.62	1.73	1.73	—	—	1.49	—	1.60	—	—	—	—
Families with female head	68	46	46	—	—	22	17	5	24	7	5	7
With related children under 18 years	60	38	38	—	—	22	17	5	24	7	5	7
Mean number of related children under 18 years	3.50	3.24	3.24	—	—	—	—	—	—	—	—	—
With related children under 6 years	37	18	18	—	—	19	14	5	8	—	2	—
Percent in labor force	48.6	—	—	—	—	—	—	—	—	—	—	—
Mean number of related children under 6 years	1.54	—	—	—	—	—	—	—	—	—	—	—
Family heads	231	150	144	6	—	81	41	40	62	7	23	7
Percent 65 years and over	5.2	8.0	8.3	—	—	—	—	—	6.5	—	—	—
Civilian male heads under 65 years	151	92	86	6	—	59	24	35	34	—	18	—
Percent in labor force	62.3	54.3	58.1	—	—	74.6	—	74.3	55.9	—	—	—
Unrelated individuals	106	106	99	—	7	—	—	—	—	—	—	—
Percent of all unrelated individuals	41.6	46.1	49.7	—	—	—	—	—	—	—	—	—
Mean income	\$675	\$675	\$723	—	—	—	—	—	—	—	—	—
Mean income deficit	\$1 185	\$1 185	\$1 139	—	—	—	—	—	—	—	—	—
Percent receiving public assistance income	8.5	8.5	9.1	—	—	—	—	—	—	—	—	—
Percent 65 years and over	30.2	30.2	32.3	—	—	—	—	—	—	—	—	—
Persons	1 209	742	717	18	7	467	249	218	326	49	143	49
Percent of all persons	16.8	16.6	25.0	3.2	0.7	17.2	14.1	22.8	48.6	8.5	18.1	7.4
Percent receiving Social Security income	5.2	3.4	3.5	—	—	8.1	2.8	14.2	—	—	1.4	—
Percent 65 years and over	5.5	6.6	6.8	—	—	3.6	3.2	4.1	2.8	—	5.6	—
Percent receiving Social Security income	39.4	34.7	34.7	—	—	—	—	—	—	—	—	—
Related children under 18 years	706	401	401	—	—	305	179	126	216	42	96	42
Percent living with both parents	57.5	55.9	55.9	—	—	59.7	50.3	73.0	74.1	—	63.5	—
Households	233	165	159	6	—	68	41	27	62	7	23	7
Percent of all households	16.5	17.4	25.1	4.7	—	14.7	12.8	18.9	46.6	6.8	15.1	6.0
Owner occupied	42	10	10	—	—	32	27	5	—	7	14	7
Mean value of unit	\$9 600	—	—	—	—	—	—	—	—	—	—	—
Renter occupied	191	155	149	6	—	36	14	22	62	—	9	—
Mean gross rent	\$82	\$91	\$91	—	—	\$42	—	—	\$89	—	—	—
Percent lacking some or all plumbing facilities	8.2	—	—	—	—	27.9	14.6	—	—	—	—	—

<sup>1</sup>Excludes inmates of institutions, members of the Armed Forces living in barracks, college students in dormitories, and unrelated individuals under 14 years.

**Table H-1. Occupancy, Utilization, and Financial Characteristics of Housing Units: 1970**

[For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

Census Tracts	Kent County				Ottawa County			Grand Rapids							
	Total SMSA	Total	Grand Rapids	Wyoming	Balance	Total	Holland (part)	Balance	Tract 0001	Tract 0002	Tract 0003	Tract 0004	Tract 0005	Tract 0006	
<b>All housing units</b> .....	170 231	131 820	68 206	17 038	46 576	38 411	7 260	31 151	718	638	703	1 479	1 716	1 106	
Vacant—seasonal and migratory.....	2 601	1 460	50	8	1 402	1 141	24	1 117	3	—	—	—	2	1	
<b>All year-round housing units</b> .....	167 630	130 360	68 156	17 030	45 174	37 270	7 236	30 034	715	638	703	1 479	1 714	1 105	
<b>TENURE, RACE, AND VACANCY STATUS</b>															
Owner occupied.....	123 427	93 646	41 418	13 764	38 464	29 781	5 226	24 555	443	550	660	1 315	1 527	984	
Cooperative and condominium.....	168	141	65	46	10	27	—	27	—	—	—	—	—	—	
White.....	119 912	90 254	38 323	13 662	38 269	29 658	5 202	24 456	443	545	654	1 314	1 524	983	
Negro.....	3 205	3 154	2 977	64	113	51	1	50	—	3	3	—	1	—	
Renter occupied.....	36 333	30 180	22 972	2 789	5 299	6 153	1 727	4 426	229	80	37	144	157	97	
White.....	32 865	26 775	18 743	2 756	5 276	6 090	1 704	4 386	229	76	37	142	157	97	
Negro.....	3 156	3 132	3 109	14	9	24	8	16	—	1	—	1	—	—	
Vacant year-round.....	7 870	6 534	4 646	477	1 411	1 336	283	1 053	43	8	6	20	30	24	
For sale only.....	1 049	801	462	50	272	248	56	192	6	1	4	4	13	5	
Vacant less than 6 months.....	663	496	276	67	242	167	36	131	4	—	—	—	5	5	
Median price asked.....	\$14 700	\$13 700	\$11 700	\$12 000	\$18 300	\$19 200	\$13 100	\$20 600	\$27 500	...	...	...	\$22 100	...	
For rent.....	4 017	3 677	3 061	267	349	340	115	225	29	—	—	—	5	10	
Vacant less than 2 months.....	1 857	1 716	1 408	95	213	141	67	74	17	—	—	—	3	5	
Median rent asked.....	\$85	\$86	\$81	\$139	\$149	\$82	\$74	\$90	\$174	—	—	\$178	\$110	\$150	
Other.....	2 804	2 056	1 123	143	790	748	112	636	8	7	2	7	12	9	
<b>LACKING SOME OR ALL PLUMBING FACILITIES</b>															
All units.....	3 829	2 906	1 567	197	1 142	923	158	765	1	15	4	26	19	5	
Owner occupied.....	1 843	1 282	388	155	739	561	80	481	—	7	3	23	13	5	
Negro.....	34	32	28	—	4	2	—	2	—	—	—	—	—	—	
Renter occupied.....	1 366	1 112	683	38	191	254	61	193	—	8	1	3	4	—	
Negro.....	105	104	103	—	1	1	—	1	—	—	—	—	—	—	
Vacant year-round.....	620	512	296	4	212	108	17	91	1	—	—	—	2	—	
For sale only.....	39	29	11	—	18	10	1	9	—	—	—	—	2	—	
For rent.....	249	223	198	—	25	26	13	13	—	—	—	—	—	—	
<b>COMPLETE KITCHEN FACILITIES AND ACCESS</b>															
Lacking complete kitchen facilities.....	2 030	1 677	1 280	41	356	353	46	307	3	14	—	—	4	1	
Access only through other living quarters.....	88	73	59	5	9	15	7	8	—	—	—	—	1	—	
<b>ROOMS</b>															
1 room.....	1 388	1 208	1 050	25	133	180	46	134	2	13	2	2	3	1	
2 rooms.....	2 318	1 944	1 452	120	372	374	59	315	12	5	3	6	3	4	
3 rooms.....	9 418	7 757	5 411	808	1 538	1 661	466	1 195	67	19	14	39	21	12	
4 rooms.....	26 858	20 939	10 105	3 869	6 965	5 919	1 230	4 689	137	97	133	180	162	123	
5 rooms.....	45 728	35 438	17 463	6 133	11 842	10 290	1 751	8 539	187	219	252	570	509	295	
6 rooms.....	40 538	31 242	16 468	3 765	11 009	9 296	1 764	7 532	147	181	167	419	547	340	
7 rooms.....	23 433	18 005	9 660	1 628	6 717	5 428	1 132	4 296	97	70	77	200	274	175	
8 rooms.....	11 206	8 610	4 311	484	3 815	2 596	529	2 067	36	25	31	51	136	87	
9 rooms or more.....	6 743	5 217	2 236	198	2 783	1 526	259	1 267	30	9	24	12	59	68	
Median.....	5.5	5.4	5.4	5.1	5.7	5.5	5.5	5.5	5.2	5.3	5.3	5.4	5.8	5.7	
<b>All occupied housing units</b> .....	159 760	123 826	63 510	16 553	43 763	35 934	6 953	28 981	672	630	697	1 459	1 684	1 081	
<b>PERSONS</b>															
1 person.....	25 072	20 729	14 158	1 961	4 610	4 343	1 281	3 062	117	80	84	277	228	110	
2 persons.....	44 359	34 907	19 009	4 535	11 363	9 452	2 100	7 352	225	166	193	535	605	319	
3 persons.....	25 696	19 820	9 657	2 955	7 208	5 876	1 147	4 729	95	125	117	208	260	166	
4 persons.....	25 043	18 831	8 044	2 835	7 952	6 212	1 024	5 188	88	97	123	180	276	189	
5 persons.....	18 487	13 694	5 497	2 092	6 105	4 793	707	4 086	55	80	97	123	182	145	
6 persons or more.....	21 103	15 845	7 145	2 175	6 525	5 258	694	4 564	92	82	83	136	133	152	
Median, all occupied units.....	2.9	2.8	2.4	3.1	3.3	3.2	2.6	3.4	2.5	3.1	3.1	2.3	2.5	3.2	
Median, owner occupied units.....	3.2	3.1	2.8	3.3	3.4	3.4	2.8	3.5	3.4	3.2	3.2	2.4	2.5	3.3	
Median, renter occupied units.....	2.2	2.1	2.0	2.4	2.7	2.5	2.3	2.6	1.9	2.1	2.7	2.0	2.7	2.1	
Units with roomers, boarders, or lodgers.....	2 715	2 296	1 597	239	460	419	106	313	11	8	3	8	18	8	
<b>PERSONS PER ROOM</b>															
1.00 or less.....	149 826	116 486	60 486	15 175	40 825	33 340	6 625	26 715	644	587	654	1 403	1 639	1 026	
1.01 to 1.50.....	6 571	6 364	2 585	1 214	2 563	2 207	269	1 938	25	35	36	52	40	53	
1.51 or more.....	1 363	976	439	162	375	387	59	328	3	8	7	4	5	2	
Units with all plumbing facilities—1.01 or more.....	9 680	7 186	2 988	1 362	2 836	2 494	323	2 171	28	43	42	56	45	55	
<b>VALUE</b>															
Specified owner occupied units <sup>1</sup> .....	104 921	80 514	37 280	12 852	30 382	24 407	4 891	19 516	432	538	641	1 301	1 501	971	
Less than \$5,000.....	1 712	1 293	626	151	516	419	67	352	—	9	2	3	11	1	
\$5,000 to \$7,499.....	5 409	4 170	2 424	514	1 232	1 239	296	943	5	27	11	16	27	7	
\$7,500 to \$9,999.....	10 274	8 015	4 694	1 268	2 053	2 259	641	1 618	35	32	49	66	71	28	
\$10,000 to \$14,999.....	29 045	22 656	11 402	5 146	6 108	6 389	1 596	4 793	125	145	202	481	297	191	
\$15,000 to \$19,999.....	25 889	19 715	8 130	4 186	7 399	6 174	1 069	5 105	109	232	212	537	320	263	
\$20,000 to \$24,999.....	15 188	10 991	4 608	1 142	5 241	4 197	527	3 670	74	62	90	158	353	186	
\$25,000 to \$34,999.....	11 749	9 157	3 832	375	4 950	2 592	415	2 177	71	23	65	37	313	193	
\$35,000 to \$49,999.....	4 048	3 225	1 179	64	1 982	823	206	617	13	6	10	3	103	73	
\$50,000 or more.....	1 607	1 292	385	6	901	315	74	241	—	2	—	—	6	29	
Median.....	\$16 100	\$16 000	\$14 800	\$14 400	\$18 600	\$16 500	\$14 500	\$17 000	\$17 500	\$16 100	\$16 200	\$15 700	\$20 300	\$19 900	
<b>CONTRACT RENT</b>															
Specified renter occupied units <sup>2</sup> .....	34 928	29 341	22 025	2 765	4 551	5 587	1 720	3 867	229	80	36	144	157	96	
Less than \$30.....	637	486	323	31	132	151	42	109	4	6	1	3	4	1	
\$30 to \$39.....	525	449	370	17	62	76	16	60	—	—	—	—	—	—	
\$40 to \$59.....	3 920	3 210	2 752	100	358	710	209	501	4	12	4	1	8	5	
\$60 to \$79.....	8 412	6 869	5 731	356	782	1 543	594	949	12	11	8	16	28	4	
\$80 to \$99.....	7 239	6 104	4 983	423	698	1 135	387	748	13	15	6	17	24	11	
\$100 to \$149.....	8 446	7 321	4 804	1 280	1 237	1 125	287	838	17	20	10	53	50	14	
\$150 to \$199.....	2 916	2 591	1 664	379	548	325	73	252	133	4	3	40	15	24	
\$200 to \$249.....	600	570	473	7	90	30	6	24	36	—	—	—	3	22	
\$250 or more.....	240	210	117	—	93	30	5	25	—	—	—	—	—	—	
No cash rent.....	1 993	1 531	808	172	551	462	101	361	9	3	4	13	25	15	
Median.....	\$86	\$87	\$84	\$115	\$99	\$81	\$78	\$83	\$172	\$81	\$93	\$130	\$101	\$161	

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property.

<sup>2</sup>Excludes one-family homes on 10 acres or more.

Table H-1. **Occupancy, Utilization, and Financial Characteristics of Housing Units: 1970—Continued**

[For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

Census Tracts	Grand Rapids—Con.													
	Tract 0007	Tract 0008	Tract 0009	Tract 0010	Tract 0011	Tract 0012	Tract 0013	Tract 0014	Tract 0015	Tract 0016	Tract 0017	Tract 0018	Tract 0019	Tract 0020
<b>All housing units</b> .....	1 325	1 419	1 418	1 839	1 437	1 308	1 506	1 073	1 325	2 349	1 522	1 453	2 659	639
Vacant—seasonal and migratory.....	—	—	2	—	—	—	—	—	—	—	—	—	—	—
<b>All year-round housing units</b> .....	1 325	1 419	1 416	1 839	1 437	1 308	1 506	1 073	1 325	2 349	1 522	1 453	2 659	639
<b>TENURE, RACE, AND VACANCY STATUS</b>														
Owner occupied.....	1 159	832	892	1 270	1 307	1 010	833	391	521	1 462	1 387	1 369	1 212	7
Cooperative and condominium.....	—	—	—	—	21	—	—	—	6	6	—	—	5	—
White.....	1 159	831	889	1 259	1 197	1 008	817	385	520	1 459	1 385	1 363	1 206	7
Negro.....	—	—	—	8	101	2	9	3	—	—	1	4	—	—
Renter occupied.....	148	522	432	532	95	268	581	551	686	775	122	74	1 238	526
White.....	147	518	430	529	91	267	512	526	673	768	121	74	1 204	503
Negro.....	—	—	—	—	4	—	62	2	—	—	—	—	—	13
Vacant year-round.....	18	65	92	37	35	30	92	131	118	112	13	10	209	106
For sale only.....	1	2	3	4	9	4	3	7	4	13	2	2	17	—
Vacant less than 6 months.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Median price asked.....	—	—	—	—	\$22 500	—	—	\$9 400	—	\$8 300	—	—	\$8 800	—
For rent.....	6	36	7	17	3	16	57	83	91	48	2	—	142	85
Vacant less than 2 months.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Median rent asked.....	\$80	\$72	\$75	\$132	—	\$123	\$82	\$82	\$70	\$77	—	—	\$67	\$63
Other.....	11	24	8	16	23	10	32	41	23	51	9	8	50	21
<b>LACKING SOME OR ALL PLUMBING FACILITIES</b>														
All units.....	13	27	24	8	9	16	22	40	27	43	7	5	175	349
Owner occupied.....	9	13	16	5	7	11	10	15	10	22	6	4	15	—
Negro.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Renter occupied.....	3	6	7	1	1	4	9	11	9	16	1	1	111	294
Negro.....	—	—	—	—	—	—	—	—	—	—	—	—	—	9
Vacant year-round.....	1	8	1	2	1	1	3	14	8	5	—	—	49	55
For sale only.....	—	—	—	—	—	—	—	—	—	—	—	—	2	—
For rent only.....	—	2	1	—	—	—	1	6	6	—	—	—	44	51
<b>COMPLETE KITCHEN FACILITIES AND ACCESS</b>														
Lacking complete kitchen facilities.....	2	22	12	4	5	3	7	23	14	32	4	2	133	346
Access only through other living quarters.....	—	1	1	1	—	—	3	—	1	2	—	—	1	—
<b>ROOMS</b>														
1 room.....	1	2	2	1	1	1	5	6	3	3	2	2	113	348
2 rooms.....	4	10	12	5	5	10	30	43	20	11	2	1	72	106
3 rooms.....	16	72	92	56	19	64	122	166	130	100	18	20	332	95
4 rooms.....	216	222	189	320	184	256	234	197	246	359	134	104	413	53
5 rooms.....	429	405	373	663	512	415	377	265	447	712	493	414	694	20
6 rooms.....	387	373	383	443	436	333	395	213	284	654	472	456	538	13
7 rooms.....	210	243	237	235	176	158	216	108	111	332	255	248	311	2
8 rooms.....	49	63	94	74	79	52	88	43	51	134	96	122	126	1
9 rooms or more.....	13	29	34	42	25	19	39	32	33	44	50	86	60	1
Median.....	5.5	5.5	5.6	5.3	5.5	5.3	5.5	5.0	5.1	5.5	5.7	5.9	5.1	1.4
<b>All occupied housing units</b> .....	1 307	1 354	1 324	1 802	1 402	1 278	1 414	942	1 207	2 237	1 509	1 443	2 450	533
<b>PERSONS</b>														
1 person.....	204	376	332	290	122	228	322	285	331	515	174	112	747	420
2 persons.....	423	427	409	592	379	409	400	279	366	712	484	386	688	59
3 persons.....	220	209	184	300	288	220	208	133	215	371	258	252	384	18
4 persons.....	202	162	127	270	259	139	168	109	130	276	245	259	261	20
5 persons.....	119	71	107	157	169	125	105	52	70	154	148	198	145	9
6 persons or more.....	139	109	165	193	185	157	211	84	95	209	200	236	225	7
Median, all occupied units.....	2.6	2.2	2.3	2.6	3.2	2.5	2.2	2.2	2.2	2.3	2.9	3.4	2.2	1.1
Median, owner occupied units.....	2.7	2.3	2.4	3.0	3.2	2.8	2.5	2.3	2.1	2.4	2.9	3.5	2.4	1.4
Median, renter occupied units.....	2.3	2.1	2.1	2.1	3.2	2.1	2.4	2.1	2.4	2.3	2.4	2.0	2.0	1.1
Units with roomers, boarders, or lodgers.....	14	24	22	22	17	30	40	36	35	47	19	10	60	8
<b>PERSONS PER ROOM</b>														
1.00 or less.....	1 244	1 310	1 263	1 714	1 306	1 192	1 296	895	1 147	2 144	1 432	1 365	2 326	518
1.01 to 1.50.....	56	36	51	82	90	74	96	42	43	82	68	72	109	9
1.51 or more.....	7	8	10	6	6	12	22	5	17	11	9	6	15	6
Units with all plumbing facilities—1.01 or more.....	62	44	61	88	95	86	118	47	60	93	77	78	118	11
<b>VALUE</b>														
Specified owner occupied units <sup>1</sup> .....	1 106	632	787	1 209	1 263	961	699	267	339	1 193	1 354	1 340	910	—
Less than \$5,000.....	5	21	23	7	6	12	25	22	26	14	2	2	29	—
\$5,000 to \$7,499.....	54	91	113	40	38	47	131	81	98	134	8	5	107	—
\$7,500 to \$9,999.....	108	167	194	112	68	124	253	101	116	290	49	6	181	—
\$10,000 to \$14,999.....	493	271	375	439	275	406	254	57	81	495	267	88	389	—
\$15,000 to \$19,999.....	367	80	70	361	308	271	33	3	17	186	363	344	162	—
\$20,000 to \$24,999.....	66	2	12	120	295	94	3	—	—	60	353	380	28	—
\$25,000 to \$34,999.....	10	—	—	80	233	7	—	—	—	14	265	408	11	—
\$35,000 to \$49,999.....	2	—	—	39	38	—	—	—	—	—	40	94	2	—
\$50,000 or more.....	1	—	—	11	2	—	—	—	—	—	7	13	1	—
Median.....	\$14 000	\$10 600	\$10 700	\$15 100	\$19 100	\$13 600	\$9 400	\$8 300	\$8 500	\$11 300	\$19 800	\$23 000	\$11 600	—
<b>CONTRACT RENT</b>														
Specified renter occupied units <sup>2</sup> .....	147	522	430	532	94	268	575	551	686	774	122	71	1 236	525
Less than \$30.....	7	14	11	5	1	4	14	1	14	10	2	1	40	16
\$30 to \$39.....	1	21	11	3	—	—	7	5	23	18	2	—	63	47
\$40 to \$59.....	20	146	70	8	4	8	103	58	155	144	15	1	267	143
\$60 to \$79.....	46	194	138	29	13	35	208	173	214	295	25	6	368	202
\$80 to \$99.....	33	96	113	41	16	39	141	190	146	156	20	4	314	45
\$100 to \$149.....	27	36	75	384	33	130	85	100	115	87	36	18	136	22
\$150 to \$199.....	2	2	1	46	11	34	1	9	1	16	11	21	4	8
\$200 to \$249.....	—	—	—	1	3	—	—	3	—	—	1	2	—	—
\$250 or more.....	—	—	—	—	—	—	—	2	—	—	—	—	—	—
No cash rent.....	11	13	11	14	13	18	16	10	18	48	10	17	43	32
Median.....	\$78	\$68	\$77	\$113	\$111	\$121	\$75	\$83	\$72	\$73	\$93	\$143	\$72	\$63

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property.

<sup>2</sup>Excludes one-family homes on 10 acres or more.

**Table H-1. Occupancy, Utilization, and Financial Characteristics of Housing Units: 1970—Continued**

[For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

Census Tracts	Grand Rapids—Con.													
	Tract 0021	Tract 0022	Tract 0023	Tract 0024	Tract 0025	Tract 0026	Tract 0027	Tract 0028	Tract 0029	Tract 0030	Tract 0031	Tract 0032	Tract 0033	Tract 0034
<b>All housing units</b> .....	2 920	2 482	1 580	971	2 862	1 258	1 794	1 246	1 011	980	1 592	2 067	1 223	1 748
Vacant—seasonal and migratory.....	2	1	1	—	3	—	—	—	—	1	—	—	1	12
<b>All year-round housing units</b> .....	2 918	2 481	1 579	971	2 859	1 258	1 794	1 246	1 011	979	1 592	2 067	1 222	1 728
<b>TENURE, RACE, AND VACANCY STATUS</b>														
Owner occupied.....	270	1 199	1 273	575	768	554	979	371	230	376	708	1 222	992	1 541
Cooperative and condominium.....	—	—	—	—	7	5	—	9	—	—	—	—	6	1 531
White.....	248	1 195	1 268	549	697	387	972	49	42	48	165	612	768	8
Negro.....	22	1	3	19	70	159	1	321	187	328	541	607	223	174
Renter occupied.....	2 138	1 119	219	356	1 789	556	702	587	592	436	663	701	190	174
White.....	2 027	1 108	218	343	1 599	328	686	95	110	84	93	368	159	174
Negro.....	86	2	1	7	172	218	1	486	481	352	567	328	30	—
Vacant year-round.....	510	163	87	40	302	148	113	288	189	167	221	144	40	13
For sale only.....	8	20	13	10	24	20	3	7	6	18	17	32	21	5
For rent.....	4	15	12	6	8	9	—	6	5	8	10	26	15	2
Median price asked.....	\$16 300	\$9 400	\$19 400	\$14 500	\$9 800	\$8 400	—	—	\$11 300	\$8 500	\$9 400	\$10 800	\$13 500	\$18 800
For sale only.....	393	78	67	26	212	88	67	221	157	97	151	75	7	1
For rent.....	197	38	64	13	88	14	34	96	49	34	82	9	4	—
Vacant less than 2 months.....	\$74	\$88	\$219	\$93	\$88	\$68	\$75	\$65	\$83	\$66	\$79	\$78	\$85	—
Median rent asked.....	109	65	7	4	66	40	43	60	26	52	53	37	12	7
Other.....														
<b>LACKING SOME OR ALL PLUMBING FACILITIES</b>														
All units.....	194	64	9	6	63	49	39	56	12	14	31	48	11	6
Owner occupied.....	5	20	8	4	13	7	17	4	1	3	8	28	7	6
Negro.....	2	—	—	—	1	2	—	3	—	3	4	9	—	—
Renter occupied.....	134	39	1	2	38	23	18	35	6	11	13	19	3	—
Negro.....	11	—	—	—	4	17	—	25	6	7	8	8	—	—
Vacant year-round.....	55	5	—	—	12	19	4	17	5	—	10	1	1	—
For sale only.....	—	—	—	—	—	—	—	—	—	—	2	—	—	—
For rent.....	38	2	—	—	8	10	1	17	4	—	1	1	1	—
<b>COMPLETE KITCHEN FACILITIES AND ACCESS</b>														
Locking complete kitchen facilities.....	232	32	—	6	71	47	19	59	11	8	52	27	19	1
Access only through other living quarters.....	7	6	—	1	2	1	2	6	4	—	3	5	—	1
<b>ROOMS</b>														
1 room.....	293	27	1	1	77	27	7	34	13	4	5	11	4	2
2 rooms.....	425	83	2	16	155	19	33	51	47	9	20	8	4	3
3 rooms.....	1 007	322	45	50	540	70	174	139	228	112	140	112	28	30
4 rooms.....	547	443	143	100	594	200	265	246	190	180	267	230	49	145
5 rooms.....	347	545	371	209	598	389	477	355	214	245	358	442	96	446
6 rooms.....	151	546	499	205	445	294	421	203	121	192	345	611	325	543
7 rooms.....	39	312	283	181	229	135	264	109	86	125	268	431	361	357
8 rooms.....	44	149	147	138	132	78	100	60	55	69	114	160	222	156
9 rooms or more.....	65	54	88	71	89	46	53	49	57	43	75	62	133	46
Median.....	3.2	5.2	6.0	6.0	4.6	5.3	5.4	4.9	4.6	5.3	5.5	5.9	6.8	5.9
<b>All occupied housing units</b> .....	2 408	2 318	1 492	931	2 557	1 110	1 681	958	822	812	1 371	1 923	1 182	1 715
<b>PERSONS</b>														
1 person.....	1 345	735	268	204	1 051	224	439	281	234	212	246	341	163	211
2 persons.....	696	730	498	274	800	268	470	244	211	221	342	503	258	540
3 persons.....	204	324	226	136	302	145	263	135	110	124	218	309	150	307
4 persons.....	84	201	212	108	162	159	166	94	91	108	176	267	175	299
5 persons.....	28	132	140	74	112	105	135	68	66	55	116	191	186	199
6 persons or more.....	51	194	148	135	130	209	136	110	92	273	312	250	159	159
Median, all occupied units.....	1.4	2.1	2.5	2.5	1.8	2.9	2.4	2.3	2.3	2.4	2.9	2.9	3.6	2.8
Median, owner occupied units.....	1.9	2.3	2.6	3.0	2.1	3.0	2.5	2.4	3.1	2.5	3.4	3.2	3.8	2.9
Median, renter occupied units.....	1.4	1.9	1.9	2.1	1.6	2.9	2.1	2.2	2.1	2.3	2.6	2.5	2.9	2.1
Units with roomers, boarders, or lodgers.....	185	52	17	60	144	31	33	60	39	36	44	83	49	15
<b>PERSONS PER ROOM</b>														
1.00 or less.....	2 349	2 231	1 464	892	2 490	978	1 587	860	743	760	1 226	1 790	1 116	1 675
1.01 to 1.50.....	42	74	27	35	51	108	85	72	58	45	124	110	57	37
1.51 or more.....	17	13	1	4	16	24	9	26	21	7	21	23	9	3
Units with all plumbing facilities—1.01 or more.....	54	87	27	39	63	130	91	97	78	51	145	133	66	40
<b>VALUE</b>														
Specified owner occupied units <sup>1</sup> .....	99	970	1 250	491	497	414	797	191	146	277	551	1 066	947	1 320
Less than \$5,000.....	7	49	2	2	16	51	42	30	8	26	28	41	3	2
\$5,000 to \$7,499.....	6	138	8	5	93	112	141	62	19	61	106	141	9	5
\$7,500 to \$9,999.....	11	247	29	56	122	129	207	42	30	73	207	293	50	5
\$10,000 to \$14,999.....	33	400	241	265	194	110	304	51	63	95	175	530	464	148
\$15,000 to \$19,999.....	15	109	301	125	48	12	92	3	18	19	33	59	184	528
\$20,000 to \$24,999.....	16	22	235	21	19	—	9	3	6	3	2	2	117	517
\$25,000 to \$34,999.....	9	4	236	14	4	—	2	—	2	—	—	—	93	292
\$35,000 to \$49,999.....	1	1	121	1	1	—	—	—	—	—	—	—	25	19
\$50,000 or more.....	1	—	77	2	—	—	—	—	—	—	—	—	2	4
Median.....	\$14 000	\$10 600	\$20 900	\$13 700	\$10 400	\$8 400	\$10 100	\$7 700	\$11 400	\$9 300	\$9 200	\$10 400	\$14 500	\$20 700
<b>CONTRACT RENT</b>														
Specified renter occupied units <sup>2</sup> .....	2 136	1 119	216	356	1 787	554	702	582	592	431	661	699	189	174
Less than \$30.....	14	18	2	8	15	4	15	17	—	7	5	5	1	—
\$30 to \$39.....	24	16	1	—	25	18	19	13	2	1	6	11	1	—
\$40 to \$59.....	263	122	5	16	144	123	117	179	35	86	49	81	6	3
\$60 to \$79.....	574	296	11	73	427	199	262	225	197	150	285	248	28	1
\$80 to \$99.....	572	312	12	113	503	137	173	107	197	115	225	197	49	6
\$100 to \$149.....	542	291	62	113	466	59	81	21	135	59	80	126	69	64
\$150 to \$199.....	105	27	66	18	133	—	2	2	11	1	1	10	13	60
\$200 to \$249.....	8	2	21	5	31	—	—	—	6	1	—	—	2	7
\$250 or more.....	2	—	14	—	19	—	—	—	8	—	—	—	1	1
No cash rent.....	32	35	22	10	24	14	33	17	8	11	10	21	20	32
Median.....	\$85	\$85	\$153	\$92	\$89	\$71	\$72	\$66	\$84	\$76	\$79	\$80	\$100	\$148

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property.

<sup>2</sup>Excludes one-family homes on 10 acres or more.

Table H-1. **Occupancy, Utilization, and Financial Characteristics of Housing Units: 1970—Continued**

[For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

Census Tracts	Grand Rapids—Con.													
	Tract 0035	Tract 0036	Tract 0037	Tract 0038	Tract 0039	Tract 0040	Tract 0041	Tract 0042	Tract 0043	Tract 0044	Tract 0045	Tract 0046	Tract 0118	Tract 0126
<b>All housing units</b> .....	2 210	998	1 587	1 348	927	1 068	1 792	1 578	1 337	1 064	1 024	1 365	116	434
Vacant—seasonal and migratory.....	3	—	3	4	—	—	7	—	1	—	2	1	—	—
<b>All year-round housing units</b> .....	2 207	998	1 584	1 344	927	1 068	1 785	1 578	1 336	1 064	1 022	1 364	116	434
<b>TENURE, RACE, AND VACANCY STATUS</b>														
Owner occupied.....	1 575	454	1 110	762	538	659	1 532	1 393	752	770	768	796	86	34
Cooperative and condominium.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—
White.....	1 549	211	1 063	757	530	652	1 523	1 392	748	765	766	770	84	34
Negro.....	24	237	41	3	4	1	8	—	2	3	2	26	1	—
Renter occupied.....	527	385	417	500	346	364	208	171	477	193	215	509	25	239
White.....	503	135	402	494	338	363	206	170	470	189	214	503	25	238
Negro.....	21	244	15	—	1	—	1	1	4	—	—	5	—	1
Vacant year-round.....	105	159	57	82	43	45	45	14	107	101	39	59	5	161
For sale only.....	10	35	25	13	7	10	10	5	9	6	8	9	—	—
Vacant less than 6 months.....	6	18	15	9	—	7	8	—	5	2	—	5	—	—
Median price asked.....	\$9 000	\$8 600	\$11 900	\$10 000	\$6 800	\$10 000	\$18 800	\$14 400	\$39 500	\$45 000	\$35 000	\$29 000	—	—
For rent.....	79	90	20	35	33	18	16	6	90	85	29	42	1	161
Vacant less than 2 months.....	72	31	8	20	3	7	11	2	43	2	1	19	—	151
Median rent asked.....	\$48	\$70	\$73	\$85	\$64	\$103	\$80	\$100	\$205	\$174	\$176	\$172	—	\$172
Other.....	16	34	12	34	3	17	19	3	8	10	2	8	4	—
<b>LACKING SOME OR ALL PLUMBING FACILITIES</b>														
All units.....	21	24	8	13	18	13	11	7	7	1	6	1	—	—
Owner occupied.....	14	4	3	4	10	3	8	4	6	1	5	1	—	—
Negro.....	—	2	—	—	—	—	1	—	—	—	—	—	—	—
Renter occupied.....	7	14	3	6	7	9	3	—	1	—	—	—	—	—
Negro.....	—	8	—	—	—	—	—	—	—	—	—	—	—	—
Vacant year-round.....	—	6	2	3	1	1	—	3	—	—	—	—	—	—
For sale only.....	—	—	2	—	—	—	—	1	—	—	—	—	—	—
For rent.....	—	2	—	1	1	—	—	—	—	—	—	—	—	—
<b>COMPLETE KITCHEN FACILITIES AND ACCESS</b>														
Lacking complete kitchen facilities.....	2	21	7	5	6	9	12	1	—	—	—	—	1	—
Access only through other living quarters.....	—	1	1	3	2	1	2	—	—	—	—	—	—	—
<b>ROOMS</b>														
1 room.....	—	3	1	3	1	3	9	2	2	—	—	1	—	4
2 rooms.....	110	12	7	24	8	22	10	7	2	1	2	—	—	7
3 rooms.....	143	64	64	113	48	99	33	10	60	41	29	73	7	156
4 rooms.....	337	155	146	201	94	171	146	321	275	143	86	325	22	125
5 rooms.....	522	244	352	375	255	267	369	502	293	198	175	400	30	88
6 rooms.....	645	253	574	360	234	294	526	431	192	225	314	327	28	33
7 rooms.....	343	161	299	186	194	163	406	221	186	173	236	149	16	12
8 rooms.....	87	78	103	68	67	39	193	71	178	166	138	52	7	2
9 rooms or more.....	20	28	38	14	26	10	93	19	143	114	43	35	6	7
Median.....	5.5	5.6	5.9	5.4	5.7	5.4	6.1	5.4	5.7	6.1	6.2	5.2	5.5	3.9
<b>All occupied housing units</b> .....	2 102	839	1 527	1 262	884	1 023	1 740	1 564	1 229	963	983	1 305	111	273
<b>PERSONS</b>														
1 person.....	463	177	323	290	163	234	299	273	172	80	66	211	13	86
2 persons.....	692	215	444	369	249	314	622	605	319	261	229	435	34	110
3 persons.....	333	128	220	189	142	167	250	267	191	139	201	190	23	33
4 persons.....	243	89	195	157	93	121	217	208	216	184	205	192	18	24
5 persons.....	189	67	138	115	103	79	154	120	149	136	152	152	13	12
6 persons or more.....	182	163	207	142	134	108	198	91	182	163	130	125	10	8
Median, all occupied units.....	2.3	2.7	2.5	2.4	2.7	2.4	2.4	2.3	3.1	3.5	3.5	2.5	2.9	2.0
Median, owner occupied units.....	2.5	2.8	2.5	2.5	2.7	2.5	2.4	2.4	4.1	4.0	3.7	3.6	2.8	3.4
Median, renter occupied units.....	1.8	2.6	2.4	2.3	2.8	2.2	2.2	2.0	2.0	1.9	2.7	1.9	3.0	1.9
Units with roomers, boarders, or lodgers.....	28	37	36	35	18	29	28	24	29	12	9	19	2	3
<b>PERSONS PER ROOM</b>														
1.00 or less.....	2 051	744	1 448	1 195	814	974	1 701	1 538	1 217	941	959	1 267	107	264
1.01 to 1.50.....	47	80	74	60	58	43	28	22	12	22	22	32	2	7
1.51 or more.....	4	15	5	7	12	6	11	4	—	—	2	6	2	2
Units with all plumbing facilities—1.01 or more.....	51	94	79	65	70	48	38	26	12	22	24	38	4	9
<b>VALUE</b>														
Specified owner occupied units <sup>1</sup> .....	1 509	359	1 034	661	468	585	1 490	1 384	746	753	757	766	78	29
Less than \$5,000.....	7	41	1	15	17	12	2	3	—	—	—	1	—	—
\$5,000 to \$7,499.....	41	108	25	87	110	84	11	11	1	—	—	—	—	—
\$7,500 to \$9,999.....	184	139	120	252	199	179	27	35	—	—	1	4	2	—
\$10,000 to \$14,999.....	822	66	665	295	136	282	266	375	29	4	14	33	11	—
\$15,000 to \$19,999.....	411	4	208	11	5	27	565	689	78	62	65	202	16	3
\$20,000 to \$24,999.....	44	1	12	1	—	—	374	231	86	140	116	268	18	7
\$25,000 to \$34,999.....	—	—	2	—	—	—	192	34	272	299	406	210	22	7
\$35,000 to \$49,999.....	—	—	1	—	—	—	45	5	193	144	145	47	6	2
\$50,000 or more.....	—	—	—	—	—	—	10	1	86	104	10	1	3	10
Median.....	\$13 200	\$8 000	\$13 000	\$9 800	\$8 800	\$10 200	\$19 000	\$16 800	\$31 500	\$30 700	\$29 500	\$22 700	\$22 800	\$31 400
<b>CONTRACT RENT</b>														
Specified renter occupied units <sup>2</sup> .....	526	384	416	500	346	363	208	171	473	191	213	508	24	228
Less than \$30.....	3	6	6	6	10	3	6	—	1	1	2	—	8	1
\$30 to \$39.....	2	2	4	2	8	1	2	—	—	—	—	—	—	—
\$40 to \$59.....	108	57	28	56	47	36	9	4	—	—	—	—	—	—
\$60 to \$79.....	74	130	87	149	147	89	34	12	1	1	1	5	—	—
\$80 to \$99.....	120	124	131	158	87	139	45	16	2	—	1	2	—	—
\$100 to \$149.....	162	56	117	111	39	75	63	112	40	33	63	201	3	113
\$150 to \$199.....	30	—	28	—	—	6	22	12	213	84	56	283	3	92
\$200 to \$249.....	—	—	—	1	—	—	—	—	180	60	48	10	1	10
\$250 or more.....	—	—	—	—	—	—	—	—	26	1	35	1	—	7
No cash rent.....	27	9	15	17	8	14	26	15	10	7	4	9	—	5
Median.....	\$92	\$79	\$91	\$83	\$75	\$86	\$98	\$121	\$194	\$182	\$182	\$157	\$30	\$149

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property.

<sup>2</sup>Excludes one-family homes on 10 acres or more.



Table H-1. **Occupancy, Utilization, and Financial Characteristics of Housing Units: 1970—Continued**

[For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

Census Tracts	Wyoming												
	Tract 0133	Tract 0134	Tract 0135	Tract 0136	Tract 0137	Tract 0138	Tract 0139	Tract 0140	Tract 0141	Tract 0142	Tract 0143	Tract 0144	Tract 0145
<b>All housing units</b> .....	1 699	1 751	1 613	808	2 211	1 542	1 320	1 974	776	1 545	707	298	794
Vacant—seasonal and migratory .....	—	1	—	—	—	—	—	—	2	4	1	—	—
<b>All year-round housing units</b> .....	1 699	1 750	1 613	808	2 211	1 542	1 320	1 974	774	1 541	706	298	794
<b>TENURE, RACE, AND VACANCY STATUS</b>													
Owner occupied .....	1 290	1 486	1 160	693	1 927	1 094	1 092	1 720	634	1 059	625	247	737
Cooperative and condominium .....	—	—	66	—	—	—	—	—	—	—	—	—	—
White .....	1 287	1 481	1 152	691	1 917	1 074	1 072	1 708	627	1 054	623	244	732
Negro .....	—	2	6	—	5	16	17	9	3	2	1	1	2
Renter occupied .....	353	239	400	105	239	417	188	201	124	361	67	42	53
White .....	349	236	398	105	238	414	186	194	124	351	66	42	53
Negro .....	—	—	—	—	—	—	—	—	—	—	—	—	—
Vacant year-round .....	56	25	53	10	45	31	40	53	16	121	14	9	4
For sale only .....	4	7	18	6	9	1	6	4	1	4	4	1	2
Vacant less than 6 months .....	...	4	15	6	8	...	5	...	...	...	...	...	...
Median price asked .....	...	\$12 500	\$10 000	\$13 100	\$16 300	...	\$13 800	...	...	...	...	...	...
For rent .....	16	8	19	1	12	18	25	42	6	112	6	2	—
Vacant less than 2 months .....	8	3	15	...	2	15	8	34	3	3	3	...	—
Median rent asked .....	\$80	\$95	\$115	...	\$129	\$146	\$163	\$172	\$107	\$139	\$107	...	—
Other .....	36	10	16	3	24	12	9	7	9	5	4	6	2
<b>LACKING SOME OR ALL PLUMBING FACILITIES</b>													
All units .....	27	31	15	9	17	5	9	20	6	31	12	6	9
Owner occupied .....	19	21	12	9	15	4	8	15	4	25	11	5	7
Negro .....	—	—	—	—	—	—	—	—	—	—	—	—	—
Renter occupied .....	7	8	3	—	2	1	1	5	2	6	1	1	1
Negro .....	—	—	—	—	—	—	—	—	—	—	—	—	—
Vacant year-round .....	1	2	—	—	—	—	—	—	—	—	—	—	—
For sale only .....	—	—	—	—	—	—	—	—	—	—	—	—	—
For rent .....	—	—	—	—	—	—	—	—	—	—	—	—	—
<b>COMPLETE KITCHEN FACILITIES AND ACCESS</b>													
Lacking complete kitchen facilities .....	9	2	7	5	1	—	—	1	7	6	2	1	—
Access only through other living quarters .....	2	1	1	—	—	—	1	—	—	—	—	—	—
<b>ROOMS</b>													
1 room .....	2	1	—	8	2	—	—	2	3	3	—	1	3
2 rooms .....	11	7	19	10	13	—	3	24	11	12	1	3	4
3 rooms .....	100	63	111	45	34	53	53	44	32	209	12	13	39
4 rooms .....	252	292	429	240	485	394	186	318	292	425	230	95	231
5 rooms .....	492	568	539	252	1 040	587	502	939	248	403	250	101	212
6 rooms .....	432	470	318	168	484	369	300	438	129	314	142	55	146
7 rooms .....	307	237	145	62	115	98	178	143	41	122	57	20	103
8 rooms .....	73	80	35	21	27	28	67	48	11	39	9	7	39
9 rooms or more .....	30	32	17	2	11	11	31	18	7	14	5	3	17
Median .....	5.5	5.4	5.0	4.9	5.0	5.0	5.3	5.1	4.7	4.8	4.9	4.9	5.1
<b>All occupied housing units</b> .....	1 643	1 725	1 560	798	2 166	1 511	1 280	1 921	758	1 420	692	289	790
<b>PERSONS</b>													
1 person .....	264	232	247	147	164	112	75	131	120	248	81	29	111
2 persons .....	509	505	478	302	579	365	271	352	220	449	191	76	238
3 persons .....	258	301	279	136	440	313	210	318	127	238	141	56	158
4 persons .....	230	278	233	96	431	279	281	404	113	219	118	39	114
5 persons .....	178	203	146	68	296	227	226	326	82	132	82	42	84
6 persons or more .....	204	206	177	49	256	215	217	390	96	134	79	47	105
Median, all occupied units .....	2.7	2.9	2.7	2.3	3.3	3.4	3.8	3.9	2.8	2.6	3.0	3.2	2.8
Median, owner occupied units .....	2.8	3.0	3.0	2.4	3.4	3.9	4.0	4.0	2.9	2.8	3.1	3.3	2.9
Median, renter occupied units .....	2.4	2.4	2.2	2.1	2.6	2.4	2.3	2.8	2.3	2.1	2.9	3.0	2.4
Units with roomers, boarders, or lodgers .....	36	23	22	8	20	14	19	23	20	32	10	4	8
<b>PERSONS PER ROOM</b>													
1.00 or less .....	1 543	1 642	1 441	766	1 990	1 362	1 143	1 645	677	1 335	633	256	742
1.01 to 1.50 .....	83	73	107	28	151	140	126	232	73	74	55	31	43
1.51 or more .....	17	10	12	4	25	9	11	44	8	11	4	2	5
Units with all plumbing facilities—1.01 or more .....	100	83	118	31	176	148	136	274	80	79	58	32	47
<b>VALUE</b>													
Specified owner occupied units <sup>1</sup> .....	1 211	1 413	1 057	634	1 885	1 066	1 065	1 660	623	988	607	244	399
Less than \$5,000 .....	9	3	15	12	22	3	8	13	6	35	17	3	5
\$5,000 to \$7,499 .....	72	32	68	12	54	7	9	35	47	102	38	25	13
\$7,500 to \$9,999 .....	191	105	147	43	136	30	36	83	127	169	121	63	17
\$10,000 to \$14,999 .....	716	634	398	336	664	278	226	564	345	461	334	110	80
\$15,000 to \$19,999 .....	202	479	271	188	797	557	439	745	88	194	89	30	107
\$20,000 to \$24,999 .....	16	116	115	37	169	150	222	178	9	23	8	6	93
\$25,000 to \$34,999 .....	5	42	39	6	36	38	96	39	—	4	—	4	66
\$35,000 to \$49,999 .....	—	1	4	—	7	3	25	3	1	—	—	2	18
\$50,000 or more .....	—	—	—	—	—	—	—	—	—	—	—	—	—
Median .....	\$12 300	\$14 500	\$13 600	\$13 800	\$15 300	\$16 900	\$18 000	\$15 800	\$11 900	\$12 000	\$11 700	\$11 200	\$19 000
<b>CONTRACT RENT</b>													
Specified renter occupied units <sup>2</sup> .....	351	238	399	105	239	415	185	201	123	360	67	38	44
Less than \$30 .....	4	6	3	3	—	—	—	2	4	3	1	3	2
\$30 to \$39 .....	3	4	—	—	—	—	—	7	1	—	—	—	—
\$40 to \$59 .....	29	8	9	6	8	1	—	4	8	17	3	3	4
\$60 to \$79 .....	103	43	37	14	24	5	6	20	28	36	15	11	14
\$80 to \$99 .....	101	49	77	15	37	9	9	22	33	47	17	2	5
\$100 to \$149 .....	82	96	232	40	128	272	73	72	36	199	23	12	15
\$150 to \$199 .....	3	10	28	11	24	119	85	60	—	36	—	3	—
\$200 to \$249 .....	1	—	—	2	—	2	—	—	1	—	—	—	—
\$250 or more .....	—	—	—	—	—	—	—	—	—	—	—	—	—
No cash rent .....	25	22	13	14	18	7	11	14	12	20	8	4	4
Median .....	\$84	\$99	\$115	\$106	\$117	\$138	\$149	\$127	\$89	\$124	\$91	\$80	\$80

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property.    <sup>2</sup>Excludes one-family homes on 10 acres or more.











Table H-1. **Occupancy, Utilization, and Financial Characteristics of Housing Units: 1970—Continued**

[For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

Census Tracts	Totals for split tracts in Kent County							Totals for split tracts in Ottawa County		Adjacent tract in Allegan County (Holland part)
	Tract 0001	Tract 0003	Tract 0011	Tract 0044	Tract 0045	Tract 0118	Tract 0126	Tract 0223	Tract 0228	Tract 0301
<b>All housing units</b> .....	732	746	1 439	1 089	1 047	1 908	1 018	1 368	801	1 032
Vacant—seasonal and migratory .....	3	—	—	—	2	4	—	—	2	—
<b>All year-round housing units</b> .....	729	746	1 439	1 089	1 045	1 904	1 018	1 368	799	1 032
<b>TENURE, RACE, AND VACANCY STATUS</b>										
Owner occupied .....	454	698	1 309	790	780	1 633	558	696	715	897
Cooperative and condominium .....	—	—	21	—	—	—	—	—	—	—
White .....	454	692	1 199	785	778	1 624	557	687	711	896
Negro .....	—	3	101	3	2	4	—	—	—	—
Renter occupied .....	232	41	95	197	223	145	293	577	74	112
White .....	232	41	91	193	222	145	290	567	69	112
Negro .....	—	—	4	—	—	—	—	4	—	—
Vacant year-round .....	43	7	35	102	42	126	167	95	10	23
For sale only .....	6	4	9	6	8	5	1	11	6	4
Vacant less than 6 months .....	4	—	8	2	2	3	—	6	6	5
Median price asked .....	\$27 500	—	\$22 500	\$45 000	\$35 000	\$31 300	—	\$8 800	\$20 000	\$26 700
For rent .....	29	—	3	86	32	102	164	58	—	5
Vacant less than 2 months .....	17	—	—	2	1	99	153	29	—	3
Median rent asked .....	\$174	3	—	\$174	\$176	\$175	\$171	\$73	—	—
Other .....	8	—	23	10	2	19	2	26	4	13
<b>LACKING SOME OR ALL PLUMBING FACILITIES</b>										
All units .....	3	4	9	1	6	9	6	61	8	9
Owner occupied .....	1	3	7	1	5	8	4	20	7	7
Negro .....	—	—	—	—	—	—	—	—	—	—
Renter occupied .....	1	1	1	—	1	—	2	31	1	2
Negro .....	—	—	—	—	—	—	—	—	—	—
Vacant year-round .....	1	—	1	—	—	1	—	10	—	—
For sale only .....	—	—	—	—	—	—	—	1	—	—
For rent .....	—	—	—	—	—	—	—	7	—	—
<b>COMPLETE KITCHEN FACILITIES AND ACCESS</b>										
Lacking complete kitchen facilities .....	3	—	5	—	—	1	5	27	—	3
Access only through other living quarters .....	—	—	—	—	—	—	—	2	—	—
<b>ROOMS</b>										
1 room .....	2	2	1	2	—	4	7	28	1	3
2 rooms .....	13	3	5	3	3	12	11	25	7	7
3 rooms .....	71	14	19	42	29	39	165	183	15	26
4 rooms .....	137	141	185	144	87	213	159	284	92	216
5 rooms .....	192	270	512	208	188	502	222	297	272	310
6 rooms .....	147	178	437	233	318	505	219	266	238	241
7 rooms .....	99	81	176	176	236	284	145	172	105	131
8 rooms .....	38	32	79	167	139	177	50	81	53	63
9 rooms or more .....	30	25	25	114	45	168	40	32	21	35
Median .....	5.2	5.3	5.5	6.1	6.2	5.9	5.3	5.1	5.6	5.4
<b>All occupied housing units</b> .....	686	739	1 404	987	1 003	1 778	851	1 273	789	1 009
<b>PERSONS</b>										
1 person .....	119	88	122	82	68	154	126	324	66	112
2 persons .....	230	205	379	269	238	514	244	375	199	288
3 persons .....	96	130	289	144	205	293	124	199	127	187
4 persons .....	91	128	260	190	207	360	117	135	180	176
5 persons .....	56	101	169	138	152	229	119	106	136	141
6 persons or more .....	94	87	185	164	133	228	121	134	81	105
Median, all occupied units .....	2.5	3.1	3.2	3.5	3.5	3.3	2.9	2.3	3.5	3.1
Median, owner occupied units .....	3.4	3.1	3.2	3.9	3.7	3.3	3.9	2.4	3.6	2.7
Median, renter occupied units .....	1.9	2.6	3.2	1.9	2.7	2.6	2.0	2.2	2.3	—
Units with roomers, boarders, or lodgers .....	11	3	17	12	9	26	17	48	3	1
<b>PERSONS PER ROOM</b>										
1.00 or less .....	656	695	1 308	964	978	1 713	799	1 178	749	948
1.01 to 1.50 .....	27	37	90	23	23	57	46	77	39	51
1.51 or more .....	3	7	6	—	2	8	6	18	1	10
Units with all plumbing facilities—1.01 or more .....	30	43	95	23	25	64	52	94	39	60
<b>VALUE</b>										
Specified owner occupied units <sup>1</sup> .....	442	674	1 265	768	768	1 484	476	610	690	731
Less than \$5,000 .....	1	2	6	—	—	10	2	25	2	3
\$5,000 to \$7,499 .....	6	11	38	1	—	11	5	99	5	9
\$7,500 to \$9,999 .....	37	51	69	—	1	42	15	141	17	44
\$10,000 to \$14,999 .....	128	214	276	6	15	174	56	226	133	176
\$15,000 to \$19,999 .....	112	221	308	66	67	304	103	72	243	204
\$20,000 to \$24,999 .....	74	98	295	145	121	299	126	27	154	114
\$25,000 to \$34,999 .....	71	67	233	302	407	308	111	16	82	135
\$35,000 to \$49,999 .....	13	10	38	144	147	226	41	2	41	35
\$50,000 or more .....	—	—	2	104	10	110	17	2	13	11
Median .....	\$17 400	\$16 200	\$19 100	\$30 500	\$29 400	\$23 400	\$22 300	\$10 700	\$18 900	\$18 100
<b>CONTRACT RENT</b>										
Specified renter occupied units <sup>2</sup> .....	232	40	94	195	220	123	259	572	70	94
Less than \$30 .....	4	1	1	1	2	9	1	26	—	6
\$30 to \$39 .....	2	—	—	—	—	2	—	7	4	—
\$40 to \$39 .....	4	5	4	—	—	3	—	77	4	9
\$60 to \$79 .....	13	9	13	1	1	15	4	206	9	19
\$80 to \$99 .....	14	7	13	1	1	12	4	130	11	28
\$100 to \$149 .....	17	11	33	35	63	26	121	81	28	24
\$150 to \$199 .....	133	3	11	84	63	29	101	8	2	3
\$200 to \$249 .....	36	—	3	61	48	1	12	5	—	1
\$250 or more .....	—	—	—	1	35	1	7	1	3	—
No cash rent .....	9	4	13	10	7	25	9	31	9	4
Median .....	\$172	\$90	\$111	\$182	\$181	\$118	\$149	\$74	\$105	\$85

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property.

<sup>2</sup>Excludes one-family homes on 10 acres or more.





**Table H-2. Structural, Equipment, and Financial Characteristics of Housing Units: 1970—Continued**

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

**Census Tracts**

All year-round housing units

**UNITS IN STRUCTURE**

1 (includes mobile home or trailer)  
2  
3 and 4  
5 to 49  
50 or more

**YEAR STRUCTURE BUILT**

1969 to March 1970  
1965 to 1968  
1960 to 1964  
1950 to 1959  
1940 to 1949  
1939 or earlier

**HEATING EQUIPMENT**

Steam or hot water  
Warm air furnace  
Built-in electric units  
Floor, wall, or pipeless furnace  
Other means or not heated

**BASEMENT**

All units with basement  
One-family houses with basement

**SELECTED EQUIPMENT**

With more than 1 bathroom  
With public water supply  
With public sewer  
With air conditioning  
Room unit(s)  
Central system

All occupied housing units

**YEAR MOVED INTO UNIT**

1968 to March 1970  
1965 to 1967  
1960 to 1964  
1950 to 1959  
1949 or earlier

**AUTOMOBILES AVAILABLE**

1  
2  
3 or more  
None

**GROSS RENT**

Specified renter occupied units<sup>1</sup>  
Less than \$40  
\$40 to \$59  
\$60 to \$79  
\$80 to \$99  
\$100 to \$149  
\$150 to \$199  
\$200 to \$249  
\$250 or more  
No cash rent  
Median

**GROSS RENT AS PERCENTAGE OF INCOME BY INCOME**

Specified renter occupied units<sup>1</sup>  
Less than \$5,000  
Less than 20 percent  
20 to 24 percent  
25 to 34 percent  
35 percent or more  
Not computed  
Median  
\$5,000 to \$9,999  
Less than 20 percent  
20 to 24 percent  
25 to 34 percent  
35 percent or more  
Not computed  
Median  
\$10,000 to \$14,999  
25 percent or more  
Not computed  
Median  
\$15,000 or more  
25 percent or more  
Not computed  
Median

Grand Rapids—Con.													Tract 0020
Tract 0007	Tract 0008	Tract 0009	Tract 0010	Tract 0011	Tract 0012	Tract 0013	Tract 0014	Tract 0015	Tract 0016	Tract 0017	Tract 0018	Tract 0019	Tract 0020
1 325	1 419	1 413	1 839	1 437	1 308	1 506	1 073	1 325	2 349	1 522	1 443	2 659	646
1 190	835	940	1 302	1 387	1 028	901	314	489	1 441	1 418	1 381	1 221	12
135	485	361	161	16	136	473	443	599	775	85	37	804	4
—	89	98	330	18	108	96	254	237	119	19	8	396	27
—	10	14	41	16	36	36	62	—	14	—	17	238	25
—	—	—	5	—	—	—	—	—	—	—	—	—	120
—	—	—	51	53	13	87	19	—	7	6	52	—	—
4	3	—	16	222	81	21	—	—	33	75	199	16	—
23	—	—	228	244	140	16	4	9	41	222	219	10	—
226	22	9	737	500	307	11	11	4	112	555	670	74	25
263	89	97	265	117	165	83	49	66	195	151	166	204	12
809	1 305	1 307	542	301	602	1 288	990	1 246	1 961	513	137	2 355	649
53	116	124	319	74	98	170	142	83	184	135	168	434	597
1 185	923	1 083	1 453	1 270	1 103	1 126	756	803	1 715	1 340	1 214	1 630	85
—	—	6	5	6	33	15	5	21	16	—	16	11	—
15	30	33	29	14	19	59	15	52	127	10	8	73	4
72	350	167	33	73	55	136	155	366	307	37	37	511	—
1 314	1 385	1 395	1 713	1 292	1 200	1 408	1 057	1 304	2 295	1 472	1 401	2 628	675
1 185	818	931	1 206	1 242	995	895	310	483	1 416	1 372	1 360	1 194	12
381	296	347	572	605	300	342	131	106	574	810	896	512	8
1 318	1 406	1 407	1 839	1 223	1 301	1 506	1 073	1 319	2 349	1 487	1 167	2 632	700
1 277	1 419	1 406	1 839	1 211	1 295	1 506	1 073	1 313	2 349	1 427	1 106	2 632	700
177	128	121	287	293	192	177	102	81	261	293	258	209	35
152	106	121	228	265	179	177	81	66	254	252	217	209	29
25	22	—	59	28	13	—	21	15	7	41	41	—	6
1 307	1 354	1 324	1 802	1 402	1 278	1 414	942	1 207	2 237	1 509	1 443	2 450	613
231	379	399	492	362	297	499	408	472	627	157	195	840	336
130	171	209	268	327	176	214	162	187	281	316	358	385	64
186	164	210	379	235	251	171	65	130	312	354	295	270	96
375	252	200	379	347	271	151	84	129	426	481	499	303	33
385	388	306	284	131	283	379	223	289	591	201	96	652	84
641	740	791	910	717	634	696	526	636	1 246	783	518	1 214	143
395	200	249	633	532	368	360	153	143	435	549	673	422	15
84	48	39	86	87	87	35	10	19	83	94	179	71	15
187	366	245	173	66	189	323	253	409	473	83	73	743	440
148	522	432	532	95	268	581	551	686	775	122	70	1 233	585
5	5	6	5	—	—	4	6	—	—	—	—	—	48
6	47	13	—	—	5	32	24	35	34	5	5	142	200
20	151	84	11	—	24	151	98	195	130	10	—	284	209
38	141	132	33	12	36	161	209	236	337	32	12	407	34
62	148	170	336	42	103	199	163	197	228	42	8	313	52
11	—	17	131	36	87	5	33	—	10	20	21	9	—
—	12	—	6	5	—	—	—	—	—	—	3	5	9
—	—	—	—	—	—	—	—	—	—	—	—	—	—
6	18	10	10	—	13	29	13	18	36	13	21	30	33
\$101	\$86	\$96	\$127	\$144	\$135	\$92	\$94	\$86	\$92	\$106	\$148	\$85	\$62
148	522	432	532	95	268	581	551	686	775	122	70	1 233	585
68	239	200	130	22	97	283	305	322	286	28	38	594	390
5	9	16	—	—	—	19	28	9	15	—	—	23	71
5	24	21	9	—	—	39	7	5	36	—	—	64	63
20	53	67	6	6	17	40	75	83	63	—	4	132	77
32	141	78	104	11	67	127	188	207	134	28	17	339	157
6	12	18	11	5	13	58	7	18	38	—	17	36	22
35.0+	35.0+	33.1	35.0+	...	35.0+	35.0+	35.0+	35.0+	35.0+	35.0+	...	35.0+	31.5
50	175	154	194	64	71	214	179	283	381	36	17	493	157
33	137	96	91	10	29	147	112	214	302	20	5	407	122
17	23	35	48	24	21	45	30	63	39	5	—	76	—
—	10	23	45	25	17	11	24	6	25	4	8	—	13
—	—	—	5	5	4	5	—	—	—	—	—	—	—
—	—	—	—	—	—	6	—	—	—	—	—	—	—
—	5	—	5	—	—	13	—	—	15	7	4	10	22
18.3	14.8	18.1	20.4	24.6	21.5	16.5	16.1	16.4	16.3	17.5	...	15.6	12.6
25	92	60	175	5	65	77	54	57	97	48	15	110	26
—	—	—	—	—	—	—	—	—	—	—	3	—	—
—	—	—	—	—	—	—	—	—	—	6	4	—	—
12.5	10.0	11.3	13.9	...	12.4	10.6	11.6	10.0	11.6	12.5	...	10.0	10.0
5	16	18	33	4	35	7	13	24	11	10	—	36	12
—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	5	—	—	—	—	—	—	—	—	—	—	—	—
...	...	...	10.5	...	10.0	...	...	...	...	...	...	10.0	...

<sup>1</sup>Excludes one-family homes on 10 acres or more.

**Table H-2. Structural, Equipment, and Financial Characteristics of Housing Units: 1970—Continued**

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

		Grand Rapids—Con.													
		Tract 0021	Tract 0022	Tract 0023	Tract 0024	Tract 0025	Tract 0026	Tract 0027	Tract 0028	Tract 0029	Tract 0030	Tract 0031	Tract 0032	Tract 0033	Tract 0034
<b>Census Tracts</b>															
All year-round housing units .....		2 865	2 480	1 580	972	2 857	1 258	1 790	1 246	1 011	1 001	1 571	2 067	1 223	1 742
<b>UNITS IN STRUCTURE</b>															
1 (Includes mobile home or trailer) .....	191	1 168	1 453	641	763	700	1 050	418	232	604	866	1 390	1 089	1 649	
2 .....	348	734	26	263	858	457	472	499	292	209	482	600	110	21	
3 and 4 .....	588	327	17	34	589	56	173	238	264	98	202	53	24	—	
5 to 49 .....	1 584	251	84	30	313	45	95	91	217	90	21	24	—	72	
50 or more .....	154	—	—	4	334	—	—	—	6	—	—	—	—	—	
<b>YEAR STRUCTURE BUILT</b>															
1969 to March 1970 .....	11	—	85	—	5	—	—	19	4	—	5	—	—	—	
1965 to 1968 .....	42	—	48	5	31	6	—	37	7	—	—	—	—	78	
1960 to 1964 .....	42	34	166	5	115	38	5	—	—	—	—	—	—	103	
1950 to 1959 .....	45	87	596	51	131	57	71	29	28	19	36	20	38	929	
1940 to 1949 .....	112	137	245	65	203	82	169	95	41	83	108	285	120	341	
1939 or earlier .....	2 613	2 222	440	846	2 372	1 075	1 545	1 066	931	899	1 422	1 762	1 059	291	
<b>HEATING EQUIPMENT</b>															
Steam or hot water .....	1 642	311	129	183	672	87	115	233	356	144	254	137	153	158	
Warm air furnace .....	1 062	1 945	1 400	752	1 906	814	1 116	663	491	724	1 069	1 684	1 010	1 558	
Built-in electric units .....	15	—	6	—	30	—	12	25	—	6	6	18	5	—	
Floor, wall, or pipeless furnace .....	41	20	25	13	59	37	53	45	46	21	46	92	19	5	
Other means or not heated .....	105	204	20	24	190	320	494	280	118	106	196	136	36	21	
<b>BASEMENT</b>															
All units with basement .....	2 798	2 455	1 471	961	2 770	1 239	1 755	1 209	1 006	986	1 553	2 058	1 223	1 737	
One-family houses with basement .....	176	1 143	1 379	630	758	681	1 040	402	232	589	866	1 381	1 089	1 644	
<b>SELECTED EQUIPMENT</b>															
With more than 1 bathroom .....	300	481	980	437	437	144	364	189	215	214	348	762	898	1 031	
With public water supply .....	2 836	2 479	1 517	974	2 858	1 252	1 789	1 246	1 011	1 014	1 558	2 059	1 223	1 731	
With public sewer .....	2 836	2 473	1 517	974	2 858	1 253	1 783	1 246	1 011	1 002	1 558	2 053	1 223	1 725	
With air conditioning .....	406	189	478	74	454	70	136	58	50	55	124	170	225	456	
Room unit(s) .....	365	182	312	74	363	62	102	53	50	55	112	157	181	418	
Central system .....	41	7	166	—	91	8	34	5	—	—	12	13	44	38	
<b>All occupied housing units .....</b>		<b>2 328</b>	<b>2 316</b>	<b>1 492</b>	<b>934</b>	<b>2 557</b>	<b>1 110</b>	<b>1 681</b>	<b>958</b>	<b>822</b>	<b>825</b>	<b>1 358</b>	<b>1 923</b>	<b>1 182</b>	<b>1 713</b>
<b>YEAR MOVED INTO UNIT</b>															
1968 to March 1970 .....	1 422	894	275	349	1 160	411	543	349	364	312	459	760	372	300	
1965 to 1967 .....	301	311	158	134	371	190	201	126	229	136	341	292	262	384	
1960 to 1964 .....	244	251	292	140	312	179	201	110	105	144	309	290	192	239	
1950 to 1959 .....	216	348	505	133	435	136	312	231	103	124	136	223	228	602	
1949 or earlier .....	145	512	262	178	279	194	424	142	21	109	113	358	128	188	
<b>AUTOMOBILES AVAILABLE</b>															
1 .....	1 181	1 254	705	509	1 362	530	858	463	372	383	624	1 040	508	810	
2 .....	196	414	500	276	371	231	408	102	126	203	244	366	471	713	
3 or more .....	57	42	165	20	77	41	43	12	20	13	27	81	80	99	
None .....	894	606	122	129	747	308	372	381	304	226	463	436	123	91	
<b>GROSS RENT</b>															
Specified renter occupied units <sup>1</sup> .....		<b>2 079</b>	<b>1 116</b>	<b>219</b>	<b>356</b>	<b>1 784</b>	<b>549</b>	<b>702</b>	<b>587</b>	<b>592</b>	<b>434</b>	<b>658</b>	<b>701</b>	<b>190</b>	<b>174</b>
Less than \$40 .....	13	16	—	—	28	6	5	—	—	—	5	9	—	—	
\$40 to \$59 .....	196	81	—	17	51	39	34	71	6	44	25	19	5	—	
\$60 to \$79 .....	525	178	12	12	312	144	205	171	106	97	197	120	21	—	
\$80 to \$99 .....	530	294	—	77	501	162	205	165	226	140	171	236	37	—	
\$100 to \$149 .....	688	459	83	162	639	187	206	151	234	142	251	270	95	38	
\$150 to \$199 .....	89	61	76	58	175	5	6	17	14	—	—	27	19	108	
\$200 to \$249 .....	6	7	21	12	37	—	—	—	—	5	—	—	9	5	
\$250 or more .....	—	—	10	5	17	—	—	—	—	—	—	—	—	—	
No cash rent .....	32	20	17	13	24	6	41	12	6	6	9	20	4	23	
Median .....	\$89	\$98	\$154	\$116	\$99	\$87	\$87	\$84	\$93	\$87	\$89	\$97	\$110	\$167	
<b>GROSS RENT AS PERCENTAGE OF INCOME BY INCOME</b>															
Specified renter occupied units <sup>1</sup> .....		<b>2 079</b>	<b>1 116</b>	<b>219</b>	<b>356</b>	<b>1 784</b>	<b>549</b>	<b>702</b>	<b>587</b>	<b>592</b>	<b>434</b>	<b>658</b>	<b>701</b>	<b>190</b>	<b>174</b>
Less than \$5,000 .....	1 241	431	64	142	831	296	349	374	334	215	352	362	72	34	
Less than 20 percent .....	69	35	—	5	36	6	25	12	6	22	5	10	—	—	
20 to 24 percent .....	105	56	6	21	36	12	15	28	23	16	22	14	6	—	
25 to 34 percent .....	218	65	—	22	146	47	85	54	46	66	53	91	20	—	
35 percent or more .....	781	257	46	81	556	206	196	245	247	86	257	227	46	24	
Not computed .....	68	18	12	13	57	25	28	35	12	25	15	20	—	10	
Median .....	35.0+	35.0+	35.0+	35.0+	35.0+	35.0+	35.0+	35.0+	35.0+	33.6	35.0+	35.0+	35.0+	...	
\$5,000 to \$9,999 .....	636	489	81	110	676	204	225	175	216	143	228	263	68	64	
Less than 20 percent .....	430	364	14	37	451	153	167	139	159	112	176	192	37	9	
20 to 24 percent .....	143	75	34	33	119	31	35	16	23	16	23	47	15	10	
25 to 34 percent .....	57	39	23	30	74	14	13	20	34	9	29	19	11	32	
35 percent or more .....	6	—	10	18	—	—	—	—	—	—	—	—	5	4	
Not computed .....	—	11	—	—	14	6	10	—	—	6	—	5	—	9	
Median .....	17.2	16.8	23.9	22.7	17.7	16.0	17.3	15.2	15.5	14.8	15.9	16.2	14.5	27.7	
\$10,000 to \$14,999 .....	168	174	48	97	177	45	98	19	33	64	64	66	36	66	
25 percent or more .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Not computed .....	—	—	—	4	—	—	11	—	—	—	—	5	4	4	
Median .....	12.1	11.9	17.4	14.2	11.8	10.4	10.0	...	12.5	11.7	10.0	12.2	13.2	17.3	
\$15,000 or more .....	34	22	26	7	100	4	30	19	9	12	14	10	14	10	
25 percent or more .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Not computed .....	—	—	5	—	4	—	—	6	—	—	9	—	—	—	
Median .....	10.0	...	...	...	10.0	...	10.0	...	...	...	...	...	...	...	

<sup>1</sup>Excludes one-family homes on 10 acres or more.

**Table H-2. Structural, Equipment, and Financial Characteristics of Housing Units: 1970—Continued**

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

Census Tracts	Grand Rapids—Con.													
	Tract 0035	Tract 0036	Tract 0037	Tract 0038	Tract 0039	Tract 0040	Tract 0041	Tract 0042	Tract 0043	Tract 0044	Tract 0045	Tract 0046	Tract 0118	Tract 0126
<b>All year-round housing units</b> -----	<b>2 207</b>	<b>998</b>	<b>1 589</b>	<b>1 348</b>	<b>927</b>	<b>1 069</b>	<b>1 780</b>	<b>1 575</b>	<b>1 333</b>	<b>1 064</b>	<b>1 024</b>	<b>1 361</b>	<b>117</b>	<b>426</b>
<b>UNITS IN STRUCTURE</b>														
1 (includes mobile home or trailer) -----	1 748	520	1 276	816	585	679	1 614	1 457	820	795	864	822	93	72
2 -----	240	347	261	370	311	289	89	29	5	63	39	89	5	—
3 and 4 -----	15	116	13	151	16	79	55	89	17	—	—	120	—	310
5 to 49 -----	48	15	39	11	15	22	22	—	460	206	121	303	19	44
50 or more -----	156	—	—	—	—	—	—	—	31	—	—	27	—	—
<b>YEAR STRUCTURE BUILT</b>														
1969 to March 1970 -----	154	11	9	—	—	—	—	—	53	259	163	124	—	311
1965 to 1968 -----	78	9	27	—	—	—	10	9	578	358	251	358	4	91
1960 to 1964 -----	15	3	28	—	—	10	49	30	444	199	254	264	14	15
1950 to 1959 -----	183	7	41	8.4	5	38	433	488	182	213	328	545	50	—
1940 to 1949 -----	308	162	182	181	113	88	393	714	45	16	28	36	16	5
1939 or earlier -----	1 469	806	1 302	1 083	809	933	895	334	31	19	—	34	33	4
<b>HEATING EQUIPMENT</b>														
Steam or hot water -----	221	105	150	84	32	87	161	16	122	129	115	277	26	58
Warm air furnace -----	1 870	795	1 397	1 127	757	903	1 579	1 509	1 190	912	896	1 014	81	357
Built-in electric units -----	6	—	5	5	—	—	—	—	12	11	9	—	10	6
Floor, wall, or pipeless furnace -----	18	20	19	32	8	15	9	6	9	6	—	61	—	—
Other means or not heated -----	92	78	18	100	130	64	31	44	—	6	4	9	—	5
<b>BASEMENT</b>														
All units with basement -----	2 021	990	1 584	1 326	922	1 055	1 770	1 570	1 079	1 006	996	1 173	109	415
One-family houses with basement -----	1 742	512	1 276	800	585	671	1 609	1 452	791	781	854	778	85	72
<b>SELECTED EQUIPMENT</b>														
With more than 1 bathroom -----	779	163	708	275	218	257	1 118	640	988	699	785	532	42	151
With public water supply -----	2 210	998	1 591	1 339	927	1 071	1 777	1 575	1 314	990	947	1 282	33	405
With public sewer -----	2 210	998	1 584	1 341	927	1 057	1 777	1 575	1 303	996	947	1 169	33	405
With air conditioning -----	601	23	265	110	102	135	488	355	745	454	369	592	13	368
Room unit(s) -----	422	23	243	103	97	121	388	299	192	169	147	412	5	12
Central system -----	179	—	22	7	5	14	100	56	553	285	222	180	8	356
<b>All occupied housing units</b> -----	<b>2 102</b>	<b>839</b>	<b>1 538</b>	<b>1 262</b>	<b>884</b>	<b>1 026</b>	<b>1 740</b>	<b>1 561</b>	<b>1 229</b>	<b>963</b>	<b>983</b>	<b>1 298</b>	<b>111</b>	<b>261</b>
<b>YEAR MOVED INTO UNIT</b>														
1968 to March 1970 -----	576	253	474	435	256	341	326	337	549	389	332	556	37	242
1965 to 1967 -----	318	308	246	183	194	122	288	239	193	272	225	310	6	7
1960 to 1964 -----	367	146	254	142	82	176	293	250	320	170	217	211	19	6
1950 to 1959 -----	416	71	215	212	130	173	527	466	134	117	203	214	27	—
1949 or earlier -----	425	61	349	290	222	214	306	269	33	15	6	7	22	6
<b>AUTOMOBILES AVAILABLE</b>														
1 -----	1 085	410	889	587	479	601	768	821	370	288	280	578	37	151
2 -----	559	120	347	313	177	194	761	492	634	599	588	609	31	86
3 or more -----	105	30	33	36	8	58	95	87	181	64	100	65	24	16
None -----	353	279	269	326	220	173	116	161	44	12	15	46	19	8
<b>GROSS RENT</b>														
Specified renter occupied units <sup>1</sup> -----	523	385	417	500	346	363	208	170	472	190	215	519	29	227
Less than \$40 -----	39	—	—	11	—	6	4	—	—	—	—	—	5	—
\$40 to \$59 -----	42	6	5	28	22	21	11	—	—	4	—	—	—	—
\$60 to \$79 -----	43	61	35	59	55	60	33	7	—	—	—	5	—	—
\$80 to \$99 -----	68	128	79	157	105	111	26	15	—	—	—	6	—	—
\$100 to \$149 -----	165	166	212	219	147	112	81	98	26	9	39	151	19	71
\$150 to \$199 -----	146	9	62	17	—	33	21	38	223	55	77	322	—	121
\$200 to \$249 -----	—	—	9	4	—	10	6	161	97	53	26	—	—	6
\$250 or more -----	—	—	—	—	—	6	—	47	11	46	9	—	—	23
No cash rent -----	20	15	15	5	17	20	16	6	15	14	—	—	5	6
Median -----	\$118	\$99	\$117	\$99	\$95	\$94	\$114	\$137	\$195	\$210	\$194	\$165	...	\$166
<b>GROSS RENT AS PERCENTAGE OF INCOME BY INCOME</b>														
Specified renter occupied units <sup>1</sup> -----	523	385	417	500	346	363	208	170	472	190	215	519	29	227
Less than \$5,000 -----	253	226	152	223	119	194	52	69	93	43	27	153	29	55
Less than 20 percent -----	6	—	—	10	5	6	—	—	—	—	—	—	—	—
20 to 24 percent -----	12	16	5	13	7	10	—	—	—	—	—	—	5	—
25 to 34 percent -----	34	49	33	49	18	48	16	15	5	—	—	5	—	—
35 percent or more -----	186	136	110	151	84	119	31	54	82	43	27	142	19	55
Not computed -----	15	25	4	—	5	11	5	—	6	—	—	6	5	—
Median -----	35.0+	35.0+	35.0+	35.0+	35.0+	35.0+	35.0+	35.0+	35.0+	35.0+	35.0+	35.0+	...	35.0+
\$5,000 to \$9,999 -----	167	103	163	198	164	122	109	64	144	36	70	161	—	62
Less than 20 percent -----	76	60	65	141	141	88	52	20	—	—	6	26	—	6
20 to 24 percent -----	56	16	63	28	7	19	27	25	15	—	10	50	—	21
25 to 34 percent -----	30	16	25	17	11	15	14	13	83	8	36	74	—	29
35 percent or more -----	—	5	—	7	—	—	5	—	36	28	18	11	—	—
Not computed -----	5	6	10	5	5	—	11	6	10	—	—	—	—	6
Median -----	20.4	18.2	20.9	16.7	15.5	16.4	19.3	21.8	31.3	35.0+	30.3	25.6	—	25.3
\$10,000 to \$14,999 -----	63	46	79	59	63	38	31	31	93	51	77	109	—	54
25 percent or more -----	—	—	—	4	—	—	—	—	8	12	26	—	—	—
Not computed -----	—	—	5	—	7	5	—	—	5	14	—	—	—	—
Median -----	12.9	10.5	12.6	12.8	11.0	12.6	16.7	14.1	21.2	23.4	22.3	17.5	—	19.8
\$15,000 or more -----	40	10	23	20	—	9	16	6	142	60	41	96	—	56
25 percent or more -----	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Not computed -----	—	—	—	—	—	4	—	—	—	—	—	—	—	—
Median -----	10.0	...	...	...	...	...	...	...	12.1	12.7	14.8	12.0	—	12.2

<sup>1</sup>Excludes one-family homes on 10 acres or more.

Table H-2. Structural, Equipment, and Financial Characteristics of Housing Units: 1970—Continued

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

Census Tracts	Wyoming												
	Tract 0133	Tract 0134	Tract 0135	Tract 0136	Tract 0137	Tract 0138	Tract 0139	Tract 0140	Tract 0141	Tract 0142	Tract 0143	Tract 0144	Tract 0145
<b>All year-round housing units</b> -----	1 699	1 761	1 613	800	2 219	1 542	1 320	1 974	787	1 530	693	296	790
<b>UNITS IN STRUCTURE</b>													
1 (includes mobile home or trailer) -----	1 426	1 601	1 210	750	2 079	1 125	1 159	1 842	751	1 227	674	296	755
2 -----	241	130	91	44	71	78	53	23	6	31	14	--	24
3 and 4 -----	32	20	151	6	34	148	--	9	21	10	5	--	11
5 to 49 -----	--	10	161	--	35	191	108	100	9	6	--	--	--
50 or more -----	--	--	--	--	--	--	--	--	--	256	--	--	--
<b>YEAR STRUCTURE BUILT</b>													
1969 to March 1970 -----	--	10	40	5	32	39	134	88	4	47	--	--	84
1965 to 1968 -----	24	80	161	42	79	393	136	87	--	237	--	6	240
1960 to 1964 -----	22	61	277	30	217	397	387	478	15	73	16	61	126
1950 to 1959 -----	201	524	524	248	1 263	464	457	990	256	284	221	90	163
1940 to 1949 -----	285	309	189	236	334	97	109	241	245	260	242	47	68
1939 or earlier -----	1 167	777	422	239	294	152	97	90	267	629	214	92	109
<b>HEATING EQUIPMENT</b>													
Steam or hot water -----	73	90	205	45	50	326	163	101	15	27	11	--	38
Warm air furnace -----	1 464	1 526	1 218	717	1 975	1 174	1 105	1 724	660	1 089	588	266	669
Built-in electric units -----	10	9	21	--	12	--	5	6	--	267	--	4	11
Floor, wall, or pipeless furnace -----	35	33	67	14	71	--	30	56	45	64	28	11	16
Other means or not heated -----	117	103	102	24	111	42	17	87	67	83	66	15	56
<b>BASEMENT</b>													
All units with basement -----	1 645	1 677	1 450	711	2 005	1 273	1 194	1 843	744	1 187	632	212	439
One-family houses with basement -----	1 377	1 526	1 159	661	1 893	1 098	1 088	1 732	708	1 098	613	212	411
<b>SELECTED EQUIPMENT</b>													
With more than 1 bathroom -----	417	423	283	197	382	348	433	416	87	168	46	14	259
With public water supply -----	1 675	1 650	1 514	728	2 016	1 353	1 008	1 709	653	1 180	316	65	368
With public sewer -----	1 644	1 716	1 091	663	1 340	621	539	818	549	823	208	12	317
With air conditioning -----	250	292	328	144	457	445	340	453	107	464	125	57	69
Room unit(s) -----	250	263	320	131	423	424	273	428	107	464	94	57	37
Central system -----	--	29	8	13	34	21	67	25	--	--	31	--	32
<b>All occupied housing units</b> -----	1 641	1 740	1 560	769	2 195	1 511	1 280	1 921	780	1 398	684	282	790
<b>YEAR MOVED INTO UNIT</b>													
1968 to March 1970 -----	394	323	474	163	521	681	420	466	216	526	184	98	344
1965 to 1967 -----	236	335	276	105	382	236	299	392	157	145	137	46	108
1960 to 1964 -----	241	280	217	137	334	292	272	488	88	161	58	69	120
1950 to 1959 -----	311	449	343	275	798	215	226	439	174	304	153	44	128
1949 or earlier -----	459	353	250	89	160	87	63	136	145	262	152	25	90
<b>AUTOMOBILES AVAILABLE</b>													
1 -----	930	798	809	358	1 239	785	559	912	458	754	414	187	410
2 -----	443	678	526	283	750	612	577	813	148	422	196	88	249
3 or more -----	134	123	76	42	149	98	129	126	55	91	28	7	98
None -----	134	141	149	86	57	16	15	70	119	131	46	--	33
<b>GROSS RENT</b>													
Specified renter occupied units <sup>1</sup> -----	353	234	400	111	233	417	182	201	128	354	66	43	52
Less than \$40 -----	--	5	--	--	--	--	--	--	--	--	--	--	--
\$40 to \$59 -----	--	14	11	--	--	6	--	--	5	6	--	--	--
\$60 to \$79 -----	66	17	9	11	29	--	--	5	5	15	--	8	4
\$80 to \$99 -----	79	54	49	12	29	5	--	16	33	26	7	4	4
\$100 to \$149 -----	139	95	248	57	123	214	57	97	57	199	42	19	29
\$150 to \$199 -----	23	25	62	18	52	181	102	72	15	86	4	5	13
\$200 to \$249 -----	--	--	13	--	6	11	12	--	--	--	--	2	--
\$250 or more -----	--	--	--	--	--	--	--	--	--	--	--	--	--
No cash rent -----	46	24	8	13	17	--	11	11	13	22	13	5	6
Median -----	\$102	\$105	\$126	\$130	\$123	\$148	\$164	\$138	\$109	\$134	\$120	\$111	\$132
<b>GROSS RENT AS PERCENTAGE OF INCOME BY INCOME</b>													
Specified renter occupied units <sup>1</sup> -----	353	234	400	111	233	417	182	201	128	354	66	43	52
Less than \$5,000 -----	159	87	90	30	59	76	43	51	42	95	20	9	16
Less than 20 percent -----	5	3	--	--	--	--	--	--	--	6	--	--	--
20 to 24 percent -----	22	11	--	--	16	--	--	--	5	--	--	--	--
25 to 34 percent -----	22	4	19	6	11	4	7	12	5	--	--	4	4
35 percent or more -----	75	42	61	24	21	66	25	33	32	78	11	9	6
Not computed -----	35	27	10	--	11	6	11	6	--	11	9	--	6
Median -----	35.0+	35.0+	35.0+	35.0+	32.3	35.0+	35.0+	35.0+	35.0+	35.0+	...	...	...
\$5,000 to \$9,999 -----	136	83	183	45	99	163	36	48	66	182	29	25	10
Less than 20 percent -----	73	46	82	11	16	54	6	8	27	80	17	12	10
20 to 24 percent -----	35	22	73	21	43	71	7	24	16	46	8	6	10
25 to 34 percent -----	17	15	24	6	34	32	23	16	10	41	--	2	--
35 percent or more -----	--	--	4	--	--	6	--	--	--	10	--	--	--
Not computed -----	11	--	--	7	6	--	--	--	13	5	4	5	--
Median -----	18.7	19.1	20.7	21.9	23.5	21.9	27.2	23.3	19.9	20.9	18.4	...	...
\$10,000 to \$14,999 -----	43	59	103	24	57	117	83	86	20	60	17	9	26
25 percent or more -----	--	--	5	--	--	--	--	--	--	--	--	--	--
Not computed -----	--	6	--	6	--	--	--	--	--	6	--	--	--
Median -----	12.2	11.3	15.8	...	15.1	15.7	17.2	14.9	...	14.8	...	...	13.4
\$15,000 or more -----	15	5	24	12	18	61	20	16	--	17	--	--	--
25 percent or more -----	--	--	--	--	--	--	--	--	--	--	--	--	--
Not computed -----	--	--	4	--	--	--	--	5	--	--	--	--	--
Median -----	...	...	...	...	...	11.3	...	...	...	...	...	...	...

<sup>1</sup>Excludes one-family homes on 10 acres or more.

Table H-2. Structural, Equipment, and Financial Characteristics of Housing Units: 1970—Continued

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

Census Tracts	Balance of Kent County														
	Tract 0001	Tract 0003	Tract 0011	Tract 0044	Tract 0045	Tract 0101	Tract 0102	Tract 0103	Tract 0104	Tract 0105	Tract 0106	Tract 0107	Tract 0108	Tract 0109	Tract 0110
All year-round housing units .....	5	39	--	33	20	1 139	609	1 421	967	1 005	844	765	1 350	1 631	893
<b>UNITS IN STRUCTURE</b>															
1 (includes mobile home or trailer) .....	...	39	--	33	...	1 123	506	1 395	942	829	840	622	1 313	1 595	865
2 .....	...	--	--	--	...	16	48	10	10	75	--	95	17	20	7
3 and 4 .....	...	--	--	--	...	--	44	--	10	80	4	34	15	--	5
5 to 49 .....	...	--	--	--	...	--	11	16	5	21	--	14	5	16	6
50 or more .....	...	--	--	--	...	--	--	--	--	--	--	--	--	--	--
<b>YEAR STRUCTURE BUILT</b>															
1969 to March 1970 .....	...	--	--	--	...	31	26	53	62	9	22	--	68	39	66
1965 to 1968 .....	...	--	--	--	...	115	28	164	136	57	69	34	217	145	207
1960 to 1964 .....	...	--	--	8	...	177	20	128	131	81	121	61	182	324	219
1950 to 1959 .....	...	17	--	19	...	277	133	288	212	165	195	79	255	261	168
1940 to 1949 .....	...	--	--	6	...	132	60	138	82	109	105	70	149	246	67
1939 or earlier .....	...	22	--	--	...	407	342	650	344	584	332	521	479	616	156
<b>HEATING EQUIPMENT</b>															
Steam or hot water .....	...	7	--	14	...	60	83	117	79	53	104	77	161	157	69
Warm air furnace .....	...	32	--	19	...	665	398	889	726	764	616	609	881	1 065	715
Built-in electric units .....	...	--	--	--	...	15	13	21	21	--	15	6	19	22	--
Floor, wall, or pipeless furnace .....	...	--	--	--	...	73	29	48	10	57	34	20	82	101	26
Other means or not heated .....	...	--	--	--	...	326	86	346	131	131	75	53	207	286	73
<b>BASEMENT</b>															
All units with basement .....	...	39	--	14	...	605	464	937	706	857	645	723	873	1 145	652
One-family houses with basement .....	...	39	--	14	...	599	383	931	686	707	645	602	858	1 136	634
<b>SELECTED EQUIPMENT</b>															
With more than 1 bathroom .....	...	7	--	13	...	124	82	268	199	276	258	296	227	533	400
With public water supply .....	...	--	--	12	...	--	562	48	108	980	13	752	48	143	66
With public sewer .....	...	--	--	--	...	100	475	215	93	944	6	736	26	131	34
With air conditioning .....	...	--	--	20	...	27	78	71	147	81	57	55	74	138	85
Room unit(s) .....	...	--	--	13	...	27	50	39	138	74	42	47	67	124	65
Central system .....	...	--	--	7	...	--	28	32	9	7	15	8	7	14	20
All occupied housing units .....	...	44	--	40	...	973	572	1 302	937	961	819	732	1 256	1 587	873
<b>YEAR MOVED INTO UNIT</b>															
1968 to March 1970 .....	...	--	--	--	...	273	172	247	259	228	144	206	366	423	314
1965 to 1967 .....	...	13	--	8	...	198	95	328	184	236	184	135	253	211	144
1960 to 1964 .....	...	7	--	13	...	152	112	215	159	208	148	89	237	406	233
1950 to 1959 .....	...	24	--	19	...	158	97	235	213	154	203	147	260	300	111
1949 or earlier .....	...	--	--	--	...	192	96	277	122	135	140	155	140	247	71
<b>AUTOMOBILES AVAILABLE</b>															
1 .....	...	23	--	15	...	549	350	762	396	553	351	389	598	682	387
2 .....	...	7	--	19	...	330	155	402	460	237	357	232	543	738	375
3 or more .....	...	7	--	6	...	21	21	41	46	74	83	13	84	121	83
None .....	...	7	--	--	...	73	46	97	35	97	28	98	31	46	28
<b>GROSS RENT</b>															
Specified renter occupied units¹ .....	...	...	--	--	...	58	145	118	69	180	44	182	94	139	57
Less than \$40 .....	...	...	--	--	...	--	6	9	--	--	--	--	--	6	--
\$40 to \$59 .....	...	...	--	--	...	--	10	--	9	--	--	30	14	4	--
\$60 to \$79 .....	...	...	--	--	...	12	25	5	11	24	6	17	6	--	15
\$80 to \$99 .....	...	...	--	--	...	--	56	11	5	72	13	45	5	9	10
\$100 to \$149 .....	...	...	--	--	...	30	37	50	32	49	17	54	36	60	16
\$150 to \$199 .....	...	...	--	--	...	--	--	--	5	15	--	16	18	25	--
\$200 to \$249 .....	...	...	--	--	...	--	--	4	--	--	--	--	--	--	--
\$250 or more .....	...	...	--	--	...	16	11	39	16	11	8	20	15	35	16
No cash rent .....	...	...	--	--	...	--	--	--	--	--	--	--	--	--	--
Median .....	...	...	--	--	...	\$112	\$92	\$110	\$110	\$94	\$98	\$90	\$113	\$130	\$86
<b>GROSS RENT AS PERCENTAGE OF INCOME BY INCOME</b>															
Specified renter occupied units¹ .....	...	...	--	--	...	58	145	118	69	180	44	182	94	139	57
Less than \$5,000 .....	...	...	--	--	...	13	50	69	32	53	5	48	43	49	25
Less than 20 percent .....	...	...	--	--	...	--	6	--	--	--	--	--	6	--	--
20 to 24 percent .....	...	...	--	--	...	--	6	9	--	6	--	9	--	--	5
25 to 34 percent .....	...	...	--	--	...	--	11	--	11	4	5	9	6	8	10
35 percent or more .....	...	...	--	--	...	8	10	29	5	38	--	24	16	12	5
Not computed .....	...	...	--	--	...	5	17	31	16	5	--	6	15	19	5
Median .....	...	...	--	--	...	...	29.1	35.0+	...	35.0+	...	35.0+	35.0+	31.3	...
\$5,000 to \$9,999 .....	...	...	--	--	...	24	37	34	21	78	14	60	22	42	21
Less than 20 percent .....	...	...	--	--	...	19	30	5	21	43	6	35	15	14	10
20 to 24 percent .....	...	...	--	--	...	--	--	15	--	26	--	11	7	8	5
25 to 34 percent .....	...	...	--	--	...	--	7	6	--	5	--	--	--	--	--
35 percent or more .....	...	...	--	--	...	--	--	4	--	--	--	--	--	7	--
Not computed .....	...	...	--	--	...	5	--	4	--	--	--	--	--	13	6
Median .....	...	...	--	--	...	...	17.6	23.3	...	16.3	...	14.3	...	20.3	...
\$10,000 to \$14,999 .....	...	...	--	--	...	15	45	11	16	44	25	69	29	21	11
25 percent or more .....	...	...	--	--	...	--	--	--	--	--	--	--	--	--	--
Not computed .....	...	...	--	--	...	--	--	--	--	7	--	--	--	9	5
Median .....	...	...	--	--	...	...	10.7	...	...	11.4	10.0-	12.0	12.0	...	...
\$15,000 or more .....	...	...	--	--	...	6	13	4	--	5	--	5	--	27	--
25 percent or more .....	...	...	--	--	...	--	6	4	--	--	--	--	--	6	--
Not computed .....	...	...	--	--	...	--	6	6	--	--	--	--	--	--	--
Median .....	...	...	--	--	...	...	...	...	...	...	...	...	...	...	...

¹Excludes one-family homes on 10 acres or more.



**Table H-2. Structural, Equipment, and Financial Characteristics of Housing Units: 1970—Continued**

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

Census Tracts	Balance of Kent County—Con.										Holland (part in Ottawa County)			
	Tract 0126	Tract 0127	Tract 0128	Tract 0129	Tract 0130	Tract 0131	Tract 0132	Tract 0146	Tract 0147	Tract 0148	Tract 0223	Tract 0224	Tract 0225	Tract 0226
<b>All year-round housing units</b> .....	<b>586</b>	<b>1 828</b>	<b>1 193</b>	<b>1 971</b>	<b>1 200</b>	<b>857</b>	<b>1 011</b>	<b>1 683</b>	<b>1 871</b>	<b>2 132</b>	<b>1 135</b>	<b>1 007</b>	<b>1 954</b>	<b>697</b>
<b>UNITS IN STRUCTURE</b>														
1 (includes mobile home or trailer) .....	571	1 406	1 143	1 854	1 062	762	974	1 606	1 747	2 052	645	669	1 517	662
2 .....	10	338	45	31	76	30	25	43	107	59	285	266	383	12
3 and 4 .....	—	29	—	13	39	11	—	15	5	21	70	58	10	17
5 to 49 .....	5	55	5	73	23	54	12	19	12	—	127	14	44	6
50 or more .....	—	—	—	—	—	—	—	—	—	—	8	—	—	—
<b>YEAR STRUCTURE BUILT</b>														
1969 to March 1970 .....	13	257	23	230	26	32	19	103	134	71	7	—	6	11
1965 to 1968 .....	75	800	240	430	118	140	196	247	424	280	17	8	58	58
1960 to 1964 .....	116	471	368	313	160	218	128	196	350	257	10	—	15	92
1950 to 1959 .....	155	212	507	379	251	299	391	342	630	458	38	25	198	229
1940 to 1949 .....	106	36	45	280	111	55	141	146	144	251	60	106	206	85
1939 or earlier .....	121	52	10	339	534	113	136	649	189	815	1 003	868	1 471	222
<b>HEATING EQUIPMENT</b>														
Steam or hot water .....	55	106	47	113	38	80	35	83	32	184	206	63	56	66
Warm air furnace .....	503	1 695	1 099	1 592	1 005	751	961	1 366	1 647	1 647	797	819	1 770	588
Built-in electric units .....	4	—	—	—	7	—	—	24	6	46	—	16	5	—
Floor, wall, or pipeless furnace .....	4	7	6	102	37	6	—	37	92	78	17	15	18	4
Other means or not heated .....	20	20	41	164	113	20	15	173	177	177	115	94	105	39
<b>BASEMENT</b>														
All units with basement .....	561	1 755	1 166	1 051	912	812	986	1 329	878	1 837	1 070	977	1 907	616
One-family houses with basement .....	546	1 374	1 116	982	804	739	949	1 265	775	1 776	615	649	1 470	587
<b>SELECTED EQUIPMENT</b>														
With more than 1 bathroom .....	344	1 073	580	224	196	372	580	457	316	716	278	290	523	316
With public water supply .....	28	1 440	1 042	1 279	1 067	694	962	140	499	11	1 095	987	1 859	255
With public sewer .....	25	983	486	986	542	480	734	472	1 007	241	1 119	1 000	1 827	29
With air conditioning .....	76	314	157	342	198	169	173	137	227	171	145	69	222	125
Room unit(s) .....	69	200	139	331	177	143	140	119	185	164	120	69	216	76
Central system .....	7	114	18	11	21	26	33	18	42	7	25	—	6	49
<b>All occupied housing units</b> .....	<b>588</b>	<b>1 766</b>	<b>1 178</b>	<b>1 894</b>	<b>1 179</b>	<b>844</b>	<b>993</b>	<b>1 660</b>	<b>1 856</b>	<b>2 084</b>	<b>1 048</b>	<b>947</b>	<b>1 892</b>	<b>649</b>
<b>YEAR MOVED INTO UNIT</b>														
1968 to March 1970 .....	105	786	345	747	361	214	234	398	695	426	430	331	493	176
1965 to 1967 .....	126	470	354	413	284	221	198	281	389	372	217	185	319	94
1960 to 1964 .....	174	357	311	338	222	177	218	319	352	388	103	124	260	90
1950 to 1959 .....	115	116	168	239	165	185	228	352	289	405	121	142	343	216
1949 or earlier .....	68	37	—	157	147	47	115	310	131	493	177	165	477	73
<b>AUTOMOBILES AVAILABLE</b>														
1 .....	212	665	444	1 031	717	241	397	797	1 021	863	579	518	1 019	292
2 .....	262	955	664	752	310	463	502	574	537	923	220	227	498	310
3 or more .....	99	122	70	49	58	91	88	224	145	211	21	32	104	23
None .....	15	24	—	62	94	49	6	65	153	87	228	170	271	24
<b>GROSS RENT</b>														
<b>Specified renter occupied units<sup>1</sup></b> .....	<b>346</b>	<b>85</b>	<b>247</b>	<b>241</b>	<b>105</b>	<b>59</b>	<b>164</b>	<b>234</b>	<b>173</b>	<b>518</b>	<b>349</b>	<b>489</b>	<b>49</b>	
Less than \$40 .....	—	—	—	—	5	—	—	—	—	7	—	—	—	
\$40 to \$59 .....	—	—	—	21	—	—	—	—	—	10	34	14	27	
\$60 to \$79 .....	—	—	36	20	10	—	17	—	9	97	81	104	6	
\$80 to \$99 .....	4	—	29	53	5	—	24	39	14	141	130	155	7	
\$100 to \$149 .....	44	24	82	124	25	23	105	154	61	195	111	137	29	
\$150 to \$199 .....	224	44	95	18	56	15	—	25	24	—	9	17	—	
\$200 to \$249 .....	64	5	—	—	—	5	—	—	—	20	—	—	—	
\$250 or more .....	5	—	—	—	—	—	—	—	—	—	—	—	—	
No cash rent .....	5	12	5	5	4	16	18	16	55	24	4	49	7	
Median .....	\$177	\$164	\$126	\$108	\$155	\$144	\$108	\$122	\$111	\$95	\$90	\$92	\$115	
<b>GROSS RENT AS PERCENTAGE OF INCOME BY INCOME</b>														
<b>Specified renter occupied units<sup>1</sup></b> .....	<b>346</b>	<b>85</b>	<b>247</b>	<b>241</b>	<b>105</b>	<b>59</b>	<b>164</b>	<b>234</b>	<b>173</b>	<b>518</b>	<b>349</b>	<b>489</b>	<b>49</b>	
Less than \$5,000 .....	41	6	50	70	20	14	53	49	40	227	111	176	12	
Less than 20 percent .....	—	—	—	5	—	—	9	—	—	18	4	12	—	
20 to 24 percent .....	—	—	4	—	—	—	—	—	—	11	9	29	—	
25 to 34 percent .....	—	—	17	24	5	—	9	17	5	38	23	14	—	
35 percent or more .....	41	—	29	41	5	9	26	26	19	129	65	104	12	
Not computed .....	—	6	—	—	5	5	9	6	16	31	10	17	—	
Median .....	35.0+	—	35.0+	35.0+	...	...	35.0+	35.0+	...	35.0+	35.0+	35.0+	...	
\$5,000 to \$9,999 .....	134	39	128	110	48	20	58	132	77	183	156	210	37	
Less than 20 percent .....	10	5	47	78	5	10	58	57	24	118	130	152	19	
20 to 24 percent .....	26	17	37	22	9	5	—	30	23	48	7	22	11	
25 to 34 percent .....	79	5	39	10	20	—	—	45	10	12	10	16	—	
35 percent or more .....	14	12	—	—	10	—	—	—	—	—	5	—	—	
Not computed .....	5	—	5	—	4	5	—	—	20	5	4	20	7	
Median .....	28.6	24.3	22.0	17.4	29.0	...	16.5	21.5	21.0	18.0	15.6	14.4	18.9	
\$10,000 to \$14,999 .....	124	29	47	49	31	10	53	41	34	77	41	80	—	
25 percent or more .....	10	—	—	—	—	—	—	—	—	—	—	—	—	
Not computed .....	—	6	—	5	—	—	9	10	10	—	—	6	—	
Median .....	20.4	...	12.6	14.5	12.9	...	11.9	13.7	...	12.0	10.5	10.4	—	
\$15,000 or more .....	47	11	22	12	6	15	—	12	22	31	41	23	—	
25 percent or more .....	—	—	—	—	—	—	—	—	—	—	—	—	—	
Not computed .....	—	—	—	—	—	—	6	—	9	—	—	6	—	
Median .....	12.4	...	...	...	...	...	...	...	...	10.0-	10.0-	...	—	

<sup>1</sup>Excludes one-family homes on 10 acres or more.

Table H-2. Structural, Equipment, and Financial Characteristics of Housing Units: 1970—Continued

[Data based on a sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

Census Tracts	Holland (part in Ottawa County)—Can.		Balance of Ottawa County												
	Tract 0227	Tract 0228	Tract 0201	Tract 0202	Tract 0203	Tract 0204	Tract 0205	Tract 0206	Tract 0207	Tract 0207.99	Tract 0208	Tract 0209	Tract 0210	Tract 0211	Tract 0212
<b>All year-round housing units</b>	1 696	753	1 265	674	1 381	791	969	676	174	5	719	1 624	1 486	1 489	1 248
<b>UNITS IN STRUCTURE</b>															
1 (Includes mobile home or trailer)	1 491	732	1 188	570	1 261	784	902	640	152	...	353	1 124	1 335	1 294	1 221
2	91	8	73	73	55	—	14	14	8	...	190	315	37	89	18
3 and 4	24	—	4	31	37	—	10	12	6	...	110	120	4	60	11
5 to 49	90	13	—	—	19	7	43	10	8	...	66	65	110	46	18
50 or more	—	—	—	—	9	—	—	—	—	...	—	—	—	—	—
<b>YEAR STRUCTURE BUILT</b>															
1969 to March 1970	36	21	45	22	44	29	34	66	—	...	—	—	41	48	95
1965 to 1968	140	126	78	44	188	91	125	130	15	...	—	25	170	94	170
1960 to 1964	126	116	120	43	127	63	133	59	16	...	10	19	191	135	202
1950 to 1959	640	298	215	105	255	149	293	75	55	...	16	108	583	342	427
1940 to 1949	293	74	108	103	120	93	125	128	24	...	37	199	246	223	157
1939 or earlier	461	118	699	357	647	366	259	218	64	...	656	1 273	255	647	217
<b>HEATING EQUIPMENT</b>															
Steam or hot water	55	16	109	88	269	62	176	77	45	...	134	212	98	126	108
Warm air furnace	1 547	704	852	457	911	493	635	487	129	...	390	1 247	1 261	1 169	1 015
Built-in electric units	5	6	25	11	27	9	24	36	—	...	12	5	75	5	16
Floor, wall, or pipeless furnace	24	6	71	17	21	68	36	21	—	...	11	32	23	37	40
Other means or not heated	65	21	208	101	153	159	98	55	—	...	172	128	29	152	89
<b>BASEMENT</b>															
All units with basement	1 567	725	1 063	528	1 163	448	681	349	160	...	530	1 543	1 348	1 200	1 020
One-family houses with basement	1 412	717	990	435	1 089	441	645	345	138	...	242	1 081	1 269	1 067	987
<b>SELECTED EQUIPMENT</b>															
With more than 1 bathroom	730	335	245	168	345	100	413	179	116	...	78	428	625	572	308
With public water supply	1 388	457	6	575	47	15	53	69	167	...	705	1 577	1 433	882	46
With public sewer	1 587	135	140	549	43	—	52	74	95	...	705	1 587	1 352	755	36
With air conditioning	366	56	34	37	125	52	79	56	27	...	8	65	194	122	58
Room unit(s)	205	44	27	37	125	52	58	33	16	...	—	58	161	104	50
Central system	161	12	7	—	—	—	21	23	11	...	8	7	33	18	8
<b>All occupied housing units</b>	1 673	744	1 214	664	1 322	764	935	632	166	...	690	1 572	1 439	1 384	1 183
<b>YEAR MOVED INTO UNIT</b>															
1968 to March 1970	395	163	276	196	328	197	307	189	49	...	259	445	354	310	358
1965 to 1967	223	121	208	142	230	128	156	148	34	...	108	259	257	327	248
1960 to 1964	330	151	160	111	209	131	187	100	17	...	77	212	225	263	238
1950 to 1959	503	213	221	111	281	131	159	92	31	...	129	301	398	273	252
1949 or earlier	222	96	349	104	274	177	126	103	35	...	117	355	205	211	87
<b>AUTOMOBILES AVAILABLE</b>															
1	779	278	552	312	592	391	377	324	51	...	391	817	681	661	508
2	653	388	434	264	543	295	448	245	89	...	126	399	581	570	566
3 or more	167	71	139	41	103	41	71	44	20	...	32	51	99	82	82
None	74	7	89	47	84	37	39	19	6	...	141	305	78	71	27
<b>GROSS RENT</b>															
Specified renter occupied units <sup>1</sup>	260	42	114	137	164	36	110	90	38	...	355	491	196	268	88
Less than \$40	—	—	4	—	—	—	—	—	—	...	—	8	—	—	—
\$40 to \$59	13	—	8	—	—	8	—	—	—	...	58	30	—	12	4
\$60 to \$79	23	—	19	26	6	—	—	11	—	...	87	112	11	12	6
\$80 to \$99	50	—	11	74	5	—	21	37	18	...	143	146	15	60	34
\$100 to \$149	69	23	61	20	94	15	47	38	4	...	57	122	51	124	22
\$150 to \$199	99	3	7	8	15	—	33	—	12	...	4	28	86	18	5
\$200 to \$249	—	—	—	—	—	—	9	—	—	...	—	14	9	7	10
\$250 or more	—	—	—	—	—	—	—	—	4	...	—	—	4	8	—
No cash rent	6	6	4	9	44	13	—	4	—	...	6	31	20	27	7
Median	\$124	\$143	\$105	\$90	\$121	...	\$124	\$99	\$128	...	\$83	\$88	\$156	\$110	\$99
<b>GROSS RENT AS PERCENTAGE OF INCOME BY INCOME</b>															
Specified renter occupied units <sup>1</sup>	260	42	114	137	164	36	110	90	38	...	355	491	196	268	88
Less than \$5,000	60	19	29	45	61	7	6	22	14	...	143	201	41	55	5
Less than 20 percent	6	—	4	—	—	—	—	—	—	...	18	12	—	—	—
20 to 24 percent	—	—	12	—	—	—	—	—	—	...	12	33	7	—	—
25 to 34 percent	12	—	—	15	5	—	—	—	—	...	18	27	—	7	—
35 percent or more	36	19	9	21	45	—	6	22	4	...	95	112	29	41	5
Not computed	6	—	4	9	11	7	—	—	6	...	—	17	5	7	—
Median	35.0+	...	23.5	35.0+	35.0+	—	...	...	...	...	35.0+	35.0+	35.0+	35.0+	...
\$5,000 to \$9,999	134	3	53	83	66	14	47	48	8	...	173	195	74	104	62
Less than 20 percent	63	—	41	75	27	8	27	38	—	...	157	155	31	69	44
20 to 24 percent	36	—	12	8	—	—	15	10	4	...	—	19	9	11	11
25 to 34 percent	35	3	—	—	6	—	—	—	4	...	16	11	14	4	—
35 percent or more	—	—	—	—	—	—	5	—	—	...	—	—	5	—	—
Not computed	—	—	—	—	33	6	—	—	—	...	—	10	15	20	7
Median	20.6	...	16.8	13.9	16.5	...	19.4	17.4	...	...	14.4	15.7	19.7	17.1	16.7
\$10,000 to \$14,999	44	10	32	9	27	—	27	16	8	...	34	78	37	80	17
25 percent or more	—	—	—	—	—	—	—	—	—	...	—	—	—	8	—
Not computed	—	6	—	—	—	—	—	—	—	...	6	4	—	—	—
Median	17.5	...	12.9	...	12.5	—	10.0	...	...	...	10.0	13.0	14.6	12.9	...
\$15,000 or more	22	10	—	—	10	15	30	4	8	...	5	17	44	29	4
25 percent or more	—	—	—	—	—	—	—	—	—	...	—	—	—	—	—
Not computed	—	—	—	—	5	—	—	4	—	...	—	—	—	—	—
Median	...	...	...	...	...	...	13.3	—	...	...	...	...	11.5	10.0	...

<sup>1</sup>Excludes one-family homes on 10 acres or more.



**Table H-2. Structural, Equipment, and Financial Characteristics of Housing Units: 1970—Continued**

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

Census Tracts	Balance of Ottawa County—Con.													
	Tract 0213	Tract 0214	Tract 0215	Tract 0216	Tract 0217	Tract 0218	Tract 0219	Tract 0220	Tract 0221	Tract 0222	Tract 0223	Tract 0228	Tract 0229	Tract 0230
All year-round housing units .....	916	1 286	750	2 892	618	1 000	1 155	1 325	2 059	2 350	210	44	1 711	1 209
<b>UNITS IN STRUCTURE</b>														
1 (includes mobile home or trailer) .....	891	1 227	663	2 823	481	915	1 145	1 280	1 992	2 247	179	38	1 419	1 164
2.....	14	50	29	69	6	25	10	15	36	40	25	6	266	24
3 and 4.....	—	9	20	—	—	28	—	7	11	35	—	—	20	21
5 to 49.....	11	—	38	—	131	32	—	23	20	28	6	—	6	—
50 or more.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—
<b>YEAR STRUCTURE BUILT</b>														
1969 to March 1970.....	45	57	29	172	35	22	57	70	136	114	5	—	25	39
1965 to 1968.....	73	231	178	906	139	107	114	154	286	438	5	—	42	132
1960 to 1964.....	87	199	206	812	136	144	186	220	378	345	16	6	82	118
1950 to 1959.....	229	192	173	728	146	340	196	261	569	618	40	21	254	130
1940 to 1949.....	107	127	54	95	17	133	115	125	213	350	26	5	222	132
1939 or earlier.....	375	480	110	179	145	254	487	495	477	485	118	12	1 086	658
<b>HEATING EQUIPMENT</b>														
Steam or hot water.....	77	114	135	142	100	100	55	63	125	114	5	—	134	98
Warm air furnace.....	597	1 064	567	2 639	433	823	937	1 019	1 719	2 035	179	33	1 332	949
Built-in electric units.....	25	10	—	6	32	8	6	18	42	31	4	—	—	9
Floor, wall, or pipeless furnace.....	28	26	10	21	4	23	24	39	45	30	—	—	51	49
Other means or not heated.....	189	72	38	84	49	46	133	186	128	140	22	11	194	104
<b>BASEMENT</b>														
All units with basement.....	612	1 050	663	2 796	487	930	917	902	1 470	1 818	182	33	1 582	1 145
One-family houses with basement.....	598	1 012	620	2 727	464	885	907	902	1 439	1 776	163	33	1 308	1 105
<b>SELECTED EQUIPMENT</b>														
With more than 1 bathroom.....	197	466	346	1 679	202	347	295	356	878	789	49	—	392	302
With public water supply.....	19	75	322	1 124	155	647	24	65	32	99	107	—	1 452	—
With public sewer.....	19	58	38	53	150	72	16	25	30	64	21	—	1 257	—
With air conditioning.....	26	57	95	307	92	146	82	130	225	20	—	—	184	93
Room unit(s).....	26	49	83	268	56	125	33	67	77	184	20	—	142	79
Central system.....	—	8	12	39	36	21	13	15	53	41	—	—	42	14
All occupied housing units .....	916	1 272	724	2 862	613	979	1 124	1 237	1 901	2 305	194	42	1 669	1 171
<b>YEAR MOVED INTO UNIT</b>														
1968 to March 1970.....	223	336	242	828	201	173	255	317	596	646	64	8	321	222
1965 to 1967.....	195	219	136	850	139	199	149	207	307	531	31	—	245	186
1960 to 1964.....	140	259	194	665	90	217	272	272	392	397	20	7	250	225
1950 to 1959.....	221	245	108	444	114	244	187	196	375	454	41	20	371	219
1949 or earlier.....	137	213	44	75	69	146	261	245	231	277	38	7	482	319
<b>AUTOMOBILES AVAILABLE</b>														
1.....	338	530	238	1 190	277	479	524	594	764	1 118	82	27	896	591
2.....	469	587	389	1 424	283	400	456	442	883	919	83	15	500	480
3 or more.....	69	120	75	229	45	59	105	136	188	207	15	—	96	63
None.....	40	35	22	19	8	41	39	65	66	61	14	—	177	37
<b>GROSS RENT</b>														
Specified renter occupied units <sup>1</sup> .....	89	117	120	112	109	119	69	153	227	263	44	...	315	81
Less than \$40.....	—	—	—	—	—	—	—	—	5	—	—	—	—	—
\$40 to \$59.....	5	5	—	—	—	—	—	6	11	8	—	—	18	—
\$60 to \$79.....	9	19	—	13	—	—	—	24	6	21	5	—	70	14
\$80 to \$99.....	—	12	23	5	21	—	—	20	22	25	6	—	63	10
\$100 to \$149.....	53	32	45	47	49	78	20	36	119	145	27	—	107	24
\$150 to \$199.....	5	33	42	33	8	—	—	—	35	18	—	—	16	5
\$200 to \$249.....	—	3	—	—	14	6	—	6	—	4	—	—	6	—
\$250 or more.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—
No cash rent.....	17	13	10	14	17	15	5	60	14	29	6	—	35	28
Median.....	\$128	\$120	\$141	\$132	\$112	\$113	\$85	\$98	\$114	\$114	\$124	...	\$93	\$113
<b>GROSS RENT AS PERCENTAGE OF INCOME BY INCOME</b>														
Specified renter occupied units <sup>1</sup> .....	89	117	120	112	109	119	69	153	227	263	44	...	315	81
Less than \$5,000.....	15	43	39	29	86	35	15	60	36	51	17	—	72	9
Less than 20 percent.....	4	—	—	4	—	—	—	—	—	5	—	—	6	—
20 to 24 percent.....	—	—	—	—	—	—	—	—	—	10	5	—	10	4
25 to 34 percent.....	5	5	—	10	—	7	5	6	—	10	—	—	21	5
35 percent or more.....	—	29	29	15	71	22	5	11	26	16	6	—	17	—
Not computed.....	6	9	10	—	15	6	5	43	10	10	6	—	18	—
Median.....	...	35.0+	35.0+	35.0+	35.0+	35.0+	...	...	35.0+	30.5	...	...	30.2	...
\$5,000 to \$9,999.....	53	45	37	51	23	35	30	57	121	106	16	—	126	56
Less than 20 percent.....	16	20	6	17	6	13	30	27	76	76	5	—	87	14
20 to 24 percent.....	10	3	19	17	—	8	—	13	10	17	5	—	29	15
25 to 34 percent.....	16	18	12	8	—	7	—	6	31	9	6	—	—	10
35 percent or more.....	—	—	—	—	—	—	—	—	—	—	—	—	6	—
Not computed.....	11	4	—	9	17	7	—	11	4	4	—	—	4	17
Median.....	22.5	20.8	23.3	21.2	...	20.6	13.0	18.7	18.2	17.6	...	...	16.4	21.8
\$10,000 to \$14,999.....	16	21	44	23	—	37	24	36	55	97	11	—	72	12
25 percent or more.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Not computed.....	—	—	—	5	—	8	—	6	—	15	—	—	10	7
Median.....	...	...	16.1	...	...	12.5	...	12.0	14.1	13.2	...	...	11.3	...
\$15,000 or more.....	5	8	—	9	—	12	—	—	15	9	—	—	45	4
25 percent or more.....	—	—	—	—	—	—	—	—	—	—	—	—	9	4
Not computed.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Median.....	...	...	...	...	...	...	...	...	...	...	...	...	10.0	—

<sup>1</sup>Excludes one-family homes on 10 acres or more.

**Table H-2. Structural, Equipment, and Financial Characteristics of Housing Units: 1970—Continued**

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

Census Tracts	Totals for split tracts in Kent County							Totals for split tracts in Ottawa County		Adjacent tract in Allegan County (Holland part)
	Tract 0001	Tract 0003	Tract 0011	Tract 0044	Tract 0045	Tract 0118	Tract 0126	Tract 0223	Tract 0228	Tract 0301
<b>All year-round housing units</b> .....	734	736	1 437	1 097	1 044	1 899	1 012	1 345	797	1 032
<b>UNITS IN STRUCTURE</b>										
1 (includes mobile home or trailer) .....	503	731	1 387	828	879	1 753	643	824	770	992
2 .....	30	5	16	63	39	14	10	310	14	22
3 and 4 .....	4	—	18	—	—	—	310	70	—	6
5 to 49 .....	187	—	16	206	126	132	49	133	13	12
50 or more .....	10	—	—	—	—	—	—	8	—	—
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970 .....	13	5	53	259	168	165	324	12	21	46
1965 to 1968 .....	230	50	222	358	251	382	166	22	126	161
1960 to 1964 .....	69	54	244	207	254	348	131	26	122	124
1950 to 1959 .....	100	371	500	232	338	559	155	78	319	266
1940 to 1949 .....	91	72	117	22	33	189	111	86	79	219
1939 or earlier .....	231	184	301	19	—	256	125	1 121	130	216
<b>HEATING EQUIPMENT</b>										
Steam or hot water .....	45	38	74	143	121	206	113	211	16	29
Warm air furnace .....	636	649	1 270	931	905	1 577	860	976	737	957
Built-in electric units .....	21	5	6	11	14	19	10	4	6	11
Floor, wall, or pipeless furnace .....	13	15	14	6	—	36	4	17	6	31
Other means or not heated .....	19	29	73	6	4	61	25	137	32	24
<b>BASEMENT</b>										
All units with basement .....	554	652	1 292	1 020	1 016	1 602	976	1 252	758	850
One-family houses with basement .....	469	647	1 242	795	869	1 550	618	778	750	828
<b>SELECTED EQUIPMENT</b>										
With more than 1 bathroom .....	285	338	605	712	785	825	495	327	335	362
With public water supply .....	536	598	1 223	1 002	1 005	489	433	1 202	457	442
With public sewer .....	628	557	1 211	996	955	173	430	1 140	135	589
With air conditioning .....	283	74	293	474	377	394	444	165	56	138
Room unit(s) .....	99	67	265	182	147	203	81	140	44	84
Central system .....	184	7	28	292	230	191	363	25	12	54
<b>All occupied housing units</b> .....	721	734	1 402	1 003	1 004	1 752	849	1 242	786	1 009
<b>YEAR MOVED INTO UNIT</b>										
1968 to March 1970 .....	252	140	362	389	347	585	347	494	171	293
1965 to 1967 .....	127	76	327	280	231	322	133	248	121	233
1960 to 1964 .....	144	181	235	183	217	279	180	123	158	153
1950 to 1959 .....	93	220	347	136	203	370	115	162	233	196
1949 or earlier .....	105	117	131	15	6	196	74	215	103	134
<b>AUTOMOBILES AVAILABLE</b>										
1 .....	351	398	717	303	301	616	363	661	305	457
2 .....	264	238	532	618	588	348	348	303	403	462
3 or more .....	44	56	87	70	100	196	115	36	71	48
None .....	62	42	66	12	15	39	23	242	7	42
<b>GROSS RENT</b>										
Specified renter occupied units <sup>1</sup> .....	238	46	95	190	220	110	242	562	54	90
Less than \$40 .....	5	—	—	—	—	5	—	7	—	—
\$40 to \$59 .....	5	—	—	4	—	—	—	34	6	6
\$60 to \$79 .....	4	—	—	—	—	19	—	102	—	6
\$80 to \$99 .....	27	20	12	—	—	—	—	147	—	11
\$100 to \$149 .....	9	13	42	9	39	45	81	222	23	61
\$150 to \$199 .....	122	13	36	55	82	4	121	—	3	—
\$200 to \$249 .....	59	—	5	97	53	10	11	20	6	—
\$250 or more .....	—	—	—	11	46	—	23	—	10	—
No cash rent .....	7	—	—	14	—	27	6	30	6	6
Median .....	\$177	\$110	\$144	\$210	\$193	\$113	\$165	\$97	\$143	\$112
<b>GROSS RENT AS PERCENTAGE OF INCOME BY INCOME</b>										
Specified renter occupied units <sup>1</sup> .....	238	46	95	190	220	110	242	562	54	90
Less than \$5,000 .....	34	7	22	43	32	50	55	244	25	52
Less than 20 percent .....	—	—	—	—	—	—	—	18	—	6
20 to 24 percent .....	—	—	—	—	—	5	—	16	—	—
25 to 34 percent .....	10	—	6	—	—	5	—	38	—	5
35 percent or more .....	24	7	11	43	32	24	55	135	25	29
Not computed .....	—	—	5	—	—	16	—	37	—	12
Median .....	35.0+	...	...	35.0+	35.0+	35.0+	35.0+	35.0+	35.0+	35.0+
\$5,000 to \$9,999 .....	76	20	64	36	70	28	72	199	9	16
Less than 20 percent .....	9	13	10	—	6	14	16	123	6	11
20 to 24 percent .....	15	7	24	—	10	10	21	53	—	—
25 to 34 percent .....	45	—	25	8	36	—	29	18	3	5
35 percent or more .....	7	—	5	28	18	—	—	—	—	—
Not computed .....	—	—	—	—	—	4	6	5	—	—
Median .....	27.3	...	24.6	35.0+	30.3	...	24.0	18.3	...	...
\$10,000 to \$14,999 .....	59	13	5	51	77	23	54	88	10	16
25 percent or more .....	—	—	—	12	26	5	—	—	—	—
Not computed .....	—	—	—	14	—	7	—	—	—	—
Median .....	17.7	...	...	23.4	22.3	...	19.8	12.1	...	...
\$15,000 or more .....	69	6	4	60	41	9	61	31	10	6
25 percent or more .....	—	—	—	—	—	—	—	—	—	—
Not computed .....	—	—	—	—	—	—	—	—	—	—
Median .....	12.2	...	...	12.7	14.8	...	12.5	10.0	...	...

<sup>1</sup>Excludes one-family homes on 10 acres or more.

**Table H-3. Occupancy, Utilization, and Financial Characteristics of Housing Units With Negro Head of Household: 1970**

[For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

Census Tracts With 400 or More Negro Population	Kent County				Ottawa County			Grand Rapids		
	Total SMSA	Total	Grand Rapids	Wyoming	Balance	Total	Holland (part)	Balance	Tract 0011	Tract 0025
All occupied housing units -----	6 361	6 286	6 086	78	122	75	9	66	105	242
<b>TENURE AND PLUMBING</b>										
Owner occupied -----	3 205	3 154	2 977	64	113	51	1	50	101	70
With all plumbing facilities -----	3 171	3 122	2 949	64	109	49	...	48	101	69
Renter occupied -----	3 156	3 132	3 109	14	9	24	8	16	4	172
With all plumbing facilities -----	3 051	3 028	3 006	14	8	23	8	15	...	168
<b>ROOMS</b>										
1 room -----	74	74	74	-	-	-	-	-	-	2
2 rooms -----	118	118	118	-	-	-	-	-	1	11
3 and 4 rooms -----	1 421	1 399	1 364	15	20	22	4	18	3	95
5 and 6 rooms -----	2 952	2 918	2 797	50	71	34	4	30	70	87
7 rooms or more -----	1 796	1 777	1 733	13	31	19	1	18	31	47
Median -----	5.6	5.6	5.6	5.2	5.5	5.4	5.0	5.4	6.0	4.8
<b>PERSONS</b>										
1 person -----	1 178	1 167	1 149	4	14	11	1	10	4	58
2 and 3 persons -----	2 378	2 350	2 258	35	57	28	5	23	37	100
4 and 5 persons -----	1 525	1 504	1 450	27	27	21	1	19	42	53
6 persons or more -----	1 280	1 265	1 229	12	24	15	1	14	22	31
Median -----	3.1	3.1	3.1	3.5	3.0	3.4	2.8	3.5	3.9	2.5
Units with roomers, boarders, or lodgers -----	236	234	231	-	3	2	-	2	-	5
<b>PERSONS PER ROOM</b>										
1.00 or less -----	5 619	5 549	5 374	70	105	70	8	62	94	220
1.01 to 1.50 -----	597	595	575	7	13	2	1	1	11	18
1.51 or more -----	145	142	137	1	4	3	-	3	-	4
Units with all plumbing facilities—1.01 or more -----	734	730	705	8	17	4	1	3	11	22
<b>VALUE</b>										
Specified owner occupied units <sup>1</sup> -----	2 472	2 442	2 293	63	86	30	...	29	94	45
Less than \$5,000 -----	120	120	119	-	1	-	...	-	-	1
\$5,000 to \$9,999 -----	992	979	964	4	11	13	...	13	-	25
\$10,000 to \$14,999 -----	913	905	865	10	30	8	...	7	2	12
\$15,000 to \$19,999 -----	268	267	208	39	20	1	...	1	32	6
\$20,000 to \$34,999 -----	167	159	130	10	19	8	...	8	56	1
\$35,000 or more -----	12	12	7	-	5	-	...	-	4	-
Median -----	\$10 500	\$10 500	\$10 300	\$16 700	\$15 300	\$11 000	...	\$10 900	\$22 400	\$9 500
<b>CONTRACT RENT</b>										
Specified renter occupied units <sup>2</sup> -----	3 093	3 073	3 053	14	6	20	8	12	...	170
Median -----	\$78	\$78	\$78	\$146	\$80	\$80	\$85	\$70	...	\$89
Grand Rapids—Con.									Total for split tract in Kent County	
	Tract 0026	Tract 0028	Tract 0029	Tract 0030	Tract 0031	Tract 0032	Tract 0033	Tract 0036	Tract 0011	
All occupied housing units -----	377	807	668	680	1 108	935	253	481	105	
<b>TENURE AND PLUMBING</b>										
Owner occupied -----	159	321	187	328	541	607	223	237	101	
With all plumbing facilities -----	157	318	186	325	537	598	223	235	101	
Renter occupied -----	218	486	481	352	567	328	30	244	4	
With all plumbing facilities -----	201	461	475	345	559	320	30	236	...	
<b>ROOMS</b>										
1 room -----	15	18	5	2	1	5	-	2	-	
2 rooms -----	6	28	25	4	11	3	-	4	1	
3 and 4 rooms -----	77	195	249	166	260	121	9	88	3	
5 and 6 rooms -----	190	387	248	321	501	479	93	250	70	
7 rooms or more -----	89	179	141	187	335	327	151	137	31	
Median -----	5.3	5.2	4.9	5.5	5.6	6.0	6.8	5.8	6.0	
<b>PERSONS</b>										
1 person -----	91	213	174	156	160	119	10	64	4	
2 and 3 persons -----	141	323	253	286	436	328	57	172	37	
4 and 5 persons -----	80	144	139	148	259	275	98	114	42	
6 persons or more -----	65	127	102	90	253	213	88	131	22	
Median -----	2.6	2.4	2.6	2.6	3.3	3.6	4.7	3.6	3.9	
Units with roomers, boarders, or lodgers -----	14	50	30	27	35	24	12	25	-	
<b>PERSONS PER ROOM</b>										
1.00 or less -----	341	717	595	629	974	825	215	399	94	
1.01 to 1.50 -----	28	66	55	44	115	91	32	69	11	
1.51 or more -----	8	24	18	7	19	19	6	13	-	
Units with all plumbing facilities—1.01 or more -----	36	89	72	50	134	110	38	81	11	
<b>VALUE</b>										
Specified owner occupied units <sup>1</sup> -----	96	168	118	247	421	528	211	181	94	
Less than \$5,000 -----	13	26	6	20	11	21	3	15	-	
\$5,000 to \$9,999 -----	70	89	45	122	235	212	21	119	-	
\$10,000 to \$14,999 -----	9	47	47	83	148	259	146	44	2	
\$15,000 to \$19,999 -----	4	3	12	19	25	35	30	2	32	
\$20,000 to \$34,999 -----	-	3	8	3	2	1	11	1	56	
\$35,000 or more -----	-	-	-	-	-	-	-	-	4	
Median -----	\$7 300	\$7 900	\$10 900	\$9 300	\$9 500	\$10 500	\$12 900	\$8 600	\$22 400	
<b>CONTRACT RENT</b>										
Specified renter occupied units <sup>2</sup> -----	214	475	473	340	562	319	29	242	...	
Median -----	\$67	\$65	\$84	\$76	\$79	\$81	\$101	\$80	...	

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property.

<sup>2</sup>Excludes one-family homes on 10 acres or more and all "no cash rent" units.

**Table H-4. Structural, Equipment, and Financial Characteristics of Housing Units With Negro Head of Household: 1970**

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

Census Tracts With 400 or More Negro Population	Kent County				Ottawa County			Grand Rapids		
	Total SMSA	Total	Grand Rapids	Wyoming	Balance	Total	Holland (part)	Balance	Tract 0011	Tract 0025
All occupied housing units .....	6 347	6 266	6 052	78	136	81	17	64	112	242
<b>UNITS IN STRUCTURE</b>										
1 (includes mobile home or trailer) .....	3 525	3 454	3 257	73	124	71	...	64	93	58
2 to 4 .....	2 464	2 454	2 450	—	4	10	...	—	13	157
5 or more .....	358	358	345	5	8	—	...	—	6	27
<b>YEAR STRUCTURE BUILT</b>										
1960 to March 1970 .....	331	321	240	44	37	10	...	10	85	—
1950 to 1959 .....	282	270	193	34	43	12	...	12	21	—
1949 or earlier .....	5 734	5 675	5 619	—	56	59	...	42	6	242
<b>SELECTED EQUIPMENT</b>										
With air conditioning .....	460	454	416	31	7	6	...	6	24	23
With more than 1 bathroom .....	1 624	1 624	1 593	—	31	—	...	—	77	27
With central or built-in heating system .....	5 507	5 441	5 232	78	131	66	...	54	112	235
With public water supply .....	6 176	6 156	6 037	84	35	20	...	6	104	242
With public sewer .....	6 092	6 066	6 023	21	22	26	...	12	104	242
With automobile(s) available .....	4 381	4 323	4 090	92	141	58	...	44	113	164
1 .....	2 926	2 892	2 808	19	65	34	...	27	43	137
2 or more .....	1 455	1 431	1 282	73	76	24	...	17	70	27
<b>YEAR MOVED INTO UNIT</b>										
1968 to March 1970 .....	2 818	2 789	2 707	43	39	29	...	15	52	183
1960 to 1967 .....	2 482	2 465	2 370	49	46	17	...	17	61	38
1959 or earlier .....	1 061	1 040	984	—	56	21	...	21	—	21
<b>GROSS RENT</b>										
Specified renter occupied units <sup>1</sup> .....	3 120	3 097	3 080	...	...	...	...	...	...	167
Less than \$40 .....	10	10	10	...	...	...	...	...	...	—
\$40 to \$59 .....	160	160	160	...	...	...	...	...	...	—
\$60 to \$79 .....	639	639	639	...	...	...	...	...	...	8
\$80 to \$99 .....	1 049	1 044	1 044	...	...	...	...	...	...	74
\$100 to \$149 .....	1 165	1 147	1 134	...	...	...	...	...	...	79
\$150 to \$199 .....	64	64	60	...	...	...	...	...	...	6
\$200 or more .....	10	10	10	...	...	...	...	...	...	—
No cash rent .....	23	23	23	...	...	...	...	...	...	—
Median .....	\$92	\$92	\$92	...	...	...	...	...	...	\$100
<b>GROSS RENT AS PERCENTAGE OF INCOME BY INCOME</b>										
Less than \$10,000 .....	2 785	2 769	2 756	...	...	...	...	...	...	151
25 percent or more .....	1 585	1 574	1 561	...	...	...	...	...	...	89
35 percent or more .....	1 118	1 118	1 110	...	...	...	...	...	...	58
Not computed .....	141	141	141	...	...	...	...	...	...	11
Median .....	30.6	30.7	30.6	...	...	...	...	...	...	31.1
<b>Census Tracts With 400 or More Negro Population</b>	Grand Rapids—Con.								Total for split tract in Kent County	
	Tract 0026	Tract 0028	Tract 0029	Tract 0030	Tract 0031	Tract 0032	Tract 0033	Tract 0036	Tract 0011	
All occupied housing units .....	377	799	661	697	1 091	935	256	481		112
<b>UNITS IN STRUCTURE</b>										
1 (includes mobile home or trailer) .....	178	322	164	459	632	659	237	260		93
2 to 4 .....	160	465	380	186	442	266	19	221		13
5 or more .....	39	12	117	52	17	10	—	—		6
<b>YEAR STRUCTURE BUILT</b>										
1960 to March 1970 .....	—	53	7	—	5	—	—	12		85
1950 to 1959 .....	—	29	18	10	26	10	9	7		21
1949 or earlier .....	377	717	636	687	1 060	925	247	462		6
<b>SELECTED EQUIPMENT</b>										
With air conditioning .....	29	46	32	38	87	68	35	—		24
With more than 1 bathroom .....	54	148	130	169	274	343	170	39		77
With central or built-in heating system .....	272	636	563	613	952	835	236	429		112
With public water supply .....	377	808	659	716	1 072	927	253	481		104
With public sewer .....	377	808	659	708	1 072	921	253	481		104
With automobile(s) available .....	254	488	389	501	720	679	201	319		113
1 .....	164	390	298	319	492	448	83	270		43
2 or more .....	90	98	91	182	228	231	118	49		70
<b>YEAR MOVED INTO UNIT</b>										
1968 to March 1970 .....	166	289	298	271	400	482	115	157		52
1960 to 1967 .....	122	214	285	246	580	298	138	302		61
1959 or earlier .....	89	305	76	199	92	155	—	22		—
<b>GROSS RENT</b>										
Specified renter occupied units <sup>1</sup> .....	211	486	481	358	554	328	33	244		...
Less than \$40 .....	—	—	—	—	5	—	—	—		...
\$40 to \$59 .....	26	62	—	28	11	5	—	—		...
\$60 to \$79 .....	53	132	64	84	144	55	—	30		...
\$80 to \$99 .....	66	142	202	133	157	117	4	90		...
\$100 to \$149 .....	60	136	199	102	237	135	24	115		...
\$150 to \$199 .....	—	14	10	—	—	11	5	9		...
\$200 or more .....	—	—	—	5	—	—	—	—		...
No cash rent .....	6	—	6	—	—	5	—	—		...
Median .....	\$86	\$85	\$95	\$87	\$94	\$98	\$125	\$100		...
<b>GROSS RENT AS PERCENTAGE OF INCOME BY INCOME</b>										
Less than \$10,000 .....	197	464	439	305	492	282	19	200		...
25 percent or more .....	98	270	257	137	296	177	10	143		...
35 percent or more .....	87	204	195	71	221	127	5	101		...
Not computed .....	18	23	12	31	7	10	—	10		...
Median .....	32.7	32.5	32.0	25.0	32.1	33.2	...	35.0+		...

<sup>1</sup>Excludes one-family homes on 10 acres or more.

Table H-5. Characteristics of Housing Units With Household Head of Spanish Language: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

Census Tracts With 400 or More Persons of Spanish Language	Kent County				Ottawa County			Grand Rapids	Holland (part in Ottawa County)		Total for split tract in Ottawa County	
	Total SMSA	Total	Grand Rapids	Wyoming	Balance	Total	Holland (part)	Balance	Tract 0026	Tract 0223	Tract 0224	Tract 0223
All occupied housing units .....	1 615	1 079	703	137	239	536	338	198	123	104	156	119
<b>TENURE AND PLUMBING</b>												
Owner occupied .....	792	502	243	90	169	290	205	85	-	53	89	60
With all plumbing facilities .....	779	489	243	90	156	290	205	85	-	53	89	60
Renter occupied .....	823	577	460	47	70	246	133	113	123	51	67	59
With all plumbing facilities .....	725	560	453	47	60	165	129	36	123	51	63	59
<b>ROOMS</b>												
1 room .....	41	8	8	-	-	33	-	33	-	-	-	-
2 rooms .....	78	48	24	-	24	30	-	30	-	-	-	-
3 and 4 rooms .....	426	306	173	58	75	120	107	13	30	29	43	29
5 and 6 rooms .....	736	511	352	67	92	225	144	81	69	39	81	39
7 rooms or more .....	334	206	146	12	48	128	87	41	24	36	32	51
<b>UNITS IN STRUCTURE</b>												
1 (includes mobile home or trailer) .....	1 027	652	318	110	224	375	233	142	46	77	99	92
2 to 4 .....	512	384	349	27	8	128	105	23	77	27	57	27
5 or more .....	76	43	36	-	7	33	-	33	-	-	-	-
<b>YEAR STRUCTURE BUILT</b>												
1960 to March 1970 .....	166	122	21	42	59	44	-	44	-	-	-	-
1950 to 1959 .....	312	245	75	42	128	67	31	36	6	12	6	19
1949 or earlier .....	1 137	712	607	53	52	425	307	118	117	92	150	100
<b>PERSONS</b>												
1 person .....	107	99	92	-	7	8	8	-	11	-	8	-
2 and 3 persons .....	551	447	278	83	86	104	68	36	28	21	33	21
4 and 5 persons .....	457	258	178	8	72	199	117	82	36	35	61	42
6 persons or more .....	500	275	155	46	74	225	145	80	48	48	54	56
Median .....	4.0	3.5	3.3	3.2	4.1	5.0	5.1	4.7	4.9	5.3	4.6	5.4
Units with roomers, boarders, or lodgers .....	21	14	14	-	-	7	7	-	-	-	7	-
<b>PERSONS PER ROOM</b>												
1.00 or less .....	1 254	940	666	107	167	314	219	95	99	75	103	90
1.01 to 1.50 .....	207	102	25	30	47	105	79	26	12	5	37	5
1.51 or more .....	154	37	12	-	25	117	40	77	12	24	16	24
Units with all plumbing facilities - 1.01 or more .....	267	122	37	30	55	145	119	26	24	29	53	29
<b>YEAR MOVED INTO UNIT</b>												
1968 to March 1970 .....	932	673	448	84	141	259	156	103	77	58	77	58
1960 to 1967 .....	518	286	191	29	66	232	158	74	34	41	73	56
1959 or earlier .....	165	120	64	24	32	45	24	21	12	5	6	5
<b>SELECTED EQUIPMENT</b>												
With air conditioning .....	128	109	51	14	44	19	19	-	-	-	6	-
With more than 1 bathroom .....	284	169	116	12	41	115	90	25	6	17	48	25
With central or built-in heating system .....	1 275	834	537	127	170	441	310	131	55	104	141	119
With public water supply .....	1 347	914	703	123	88	433	325	108	123	104	150	119
With public sewer .....	1 253	858	696	78	84	395	331	64	123	104	156	104
With automobile(s) available .....	1 414	959	589	131	239	455	287	168	100	92	117	107
1 .....	957	647	432	86	129	310	205	105	75	53	99	60
2 or more .....	457	312	157	45	110	145	82	63	25	39	18	47
<b>VALUE</b>												
Specified owner occupied units <sup>1</sup> .....	639	382	158	82	142	257	185	72	-	48	80	55
Less than \$5,000 .....	18	-	-	-	-	18	16	-	-	5	7	5
\$5,000 to \$9,999 .....	181	71	23	26	22	110	91	19	-	24	48	31
\$10,000 to \$14,999 .....	284	194	114	33	47	90	69	21	-	19	25	19
\$15,000 to \$19,999 .....	107	68	8	23	37	39	7	32	-	-	-	-
\$20,000 to \$34,999 .....	49	49	13	-	36	-	-	-	-	-	-	-
\$35,000 or more .....	-	-	-	-	-	-	-	-	-	-	-	-
Median .....	\$11 300	\$12 000	\$11 500	\$11 900	\$15 200	\$10 000	\$9 400	\$13 600	-	\$9 000	\$9 100	\$8 900
<b>GROSS RENT</b>												
Specified renter occupied units <sup>2</sup> .....	772	560	453	47	60	212	133	79	123	51	67	59
Less than \$40 .....	-	-	-	-	-	-	-	-	-	-	-	-
\$40 to \$59 .....	14	14	7	-	7	-	-	-	-	-	-	-
\$60 to \$79 .....	141	102	95	7	-	39	31	8	30	7	24	7
\$80 to \$99 .....	214	177	160	17	-	37	37	-	57	10	12	10
\$100 to \$149 .....	318	245	185	14	46	73	65	8	36	34	31	42
\$150 to \$199 .....	35	22	6	9	7	13	-	13	-	-	-	-
\$200 or more .....	-	-	-	-	-	-	-	-	-	-	-	-
No cash rent .....	50	-	-	-	-	50	-	50	-	-	-	-
Median .....	\$99	\$98	\$93	\$100	\$116	\$103	\$98	...	\$89	\$117	\$88	\$122
<b>CONTRACT RENT</b>												
Specified renter occupied units <sup>3</sup> .....	772	560	453	47	60	212	133	79	123	51	67	59
Median .....	\$80	\$82	\$80	\$80	\$95	\$77	\$77	...	\$77	\$79	\$76	\$78
<b>GROSS RENT AS PERCENTAGE OF INCOME BY INCOME</b>												
Less than \$10,000 .....	647	478	413	31	34	169	105	64	117	46	44	46
25 percent or more .....	224	206	187	-	19	18	18	-	49	-	10	-
35 percent or more .....	160	142	135	-	7	18	18	-	33	-	10	-
Not computed .....	67	17	11	6	-	50	-	50	4	-	-	-
Median .....	20.8	22.6	23.6	...	26.7	18.4	18.5	...	23.5	16.8	19.4	16.8

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property. <sup>2</sup>Excludes one-family homes on 10 acres or more. <sup>3</sup>Excludes one-family homes on 10 acres or more and all "no cash rent" units.

## Appendix A.—AREA CLASSIFICATIONS

CENSUS TRACTS . . . . .	App-1
Definition of census tract . . . . .	App-1
Historical background . . . . .	App-1
Description of tracted area . . . . .	App-1
Comparability from census to census . . . . .	App-1
STANDARD METROPOLITAN STATISTICAL AREAS . . . . .	App-2

### CENSUS TRACTS

**Definition of census tract.**—Census tracts are small areas into which large cities and adjacent areas have been divided for statistical purposes. Tract boundaries were established cooperatively by a local committee and the Bureau of the Census. Tracts were generally designed to be relatively uniform with respect to population characteristics, economic status, and living conditions. The average tract has about 4,000 residents. Tract boundaries are established with the intention of being maintained over a long time so that comparisons may be made from census to census.

In the decennial censuses, the Bureau of the Census tabulates population and housing information for each census tract. The practice of local agencies to tabulate locally collected data by tracts has increased the value of census tract data in many areas.

Tracts are generally numbered in a consecutive series, with separate series for the central city and for each county. Insofar as possible, the numbers are consecutive within each city, community, township, and the like. In these tables, tracts which contain no population and no housing units are not listed. Tracts populated only by crews of vessels are identified by the tract number suffix "99."

**Historical background.**—The concept of census tracts was originated by the late Dr. Walter Laidlaw in New York City in 1906. He was convinced of the need for data for homogeneous subdivisions of cities as a basis for studying neighborhoods smaller than boroughs or wards. At his request, the Bureau of the Census tabulated census tract data from the 1910 census for New York and seven other cities with a population of over 500,000. Tract data were again tabulated for the same 8 cities in 1920, and in 1930 this number was increased to 18. In 1940, tract data were tabulated for 60 cities, some with adjacent tracted areas; and, beginning in 1940, housing data were added to the population data in the tract reports. In 1950, final reports were published for 64 tracted areas, many of which included statistics for two or more large cities. By 1960, the program had expanded to include reports for 180 tracted areas (of which 3 were in Puerto Rico).

Tract statistics from the 1970 census are published for 241 areas, 238 in the United States and 3 in the Commonwealth of Puerto Rico. All of these tracted areas are standard metropolitan statistical areas (SMSA's). The goal of extending the census tract program to all SMSA's was achieved in the 1970 census except for six areas that were designated as SMSA's on the basis of the 1970 census count and had not been tracted.

Much of the credit for the growing interest in tract data belongs to the late Howard Whipple Green of Cleveland. He aroused the interest of research workers in numerous cities in the potential usefulness of tract statistics for the analysis of sociological, marketing, and administrative

problems. In his capacity as Chairman of the Committee on Census Enumeration Areas of the American Statistical Association for 25 years, he accepted the responsibility for appointing a Census Tract Key Person in each area where tracts were established, for providing guidance on delineating and maintaining census tracts, and for maintaining a census tract library. These duties were assumed by the Bureau of the Census in 1955. However, the Census Bureau no longer appoints Census Tract Key Persons. They are selected by the local census tract committees.

For a further discussion of census tract data and their uses, see U.S. Bureau of the Census, *Census Tract Manual*, Fifth Edition, 1966, Government Printing Office, Washington, D.C. 20402.

**Description of tracted area.**—The map included in this report identifies the boundaries of the area for which the tract statistics are presented. The map also identifies the location and number of each tract and, when appropriate, the limits of cities, townships, counties, or other subdivisions of the tracted area. Boundaries of the tracted area generally constitute a standard metropolitan statistical area (SMSA). A few, however, include the SMSA plus an adjoining area outside it. These are designated as including the adjacent area, and the map covers the tracts in the adjacent area as well as those in the SMSA itself.

**Comparability from census to census.**—One of the principles followed in relation to census tracts is to preserve comparability from census to census. Keeping tract boundaries unchanged makes possible the study of changes

in social and economic characteristics of neighborhoods. There are, nonetheless, several situations where boundaries of individual tracts are changed. For example, it is sometimes necessary to change the boundaries of tracts to add small areas annexed to a city. Similarly, changes in tract boundaries occur when territory is detached from a city or separately incorporated. Changes may also occur in physical features that are used as tract boundaries, such as street or highway relocations. The census tract limits are changed to conform with the revised feature or to follow another nearby visible feature. Census tracts with very large increases in population are subdivided into two or more smaller tracts. On the other hand, a re-examination of the existing tract boundaries may result in modifications of boundaries to provide larger or more homogeneous units. Tables A and B, showing the comparability of tracts between 1960 and 1970, appear at the end of the Introduction.

#### STANDARD METROPOLITAN STATISTICAL AREAS

The Bureau of the Census recognizes 243 standard metropolitan statistical areas (SMSA's) in the United States and 4 in Puerto Rico, making a total of 247 in the 1970 census. These include the 231 SMSA's as defined and named in the Bureau of the Budget publication, **Standard Metropolitan Statistical Areas: 1967**, U.S. Government Printing Office, Washington, D.C. 20402. Since 1967, 16 SMSA's have been added, of which two were defined in January 1968 and an additional 14 were defined in February 1971 on the basis of the results of the 1970 census. Changes in SMSA boundaries or titles made after February 1971 are not recognized in this series of reports. SMSA's are defined by the Office of Management and Budget (formerly Bureau of the Budget).

Except in the New England States, a standard metropolitan statistical area

is a county or group of contiguous counties which contains at least one city of 50,000 inhabitants or more, or "twin cities" with a combined population of at least 50,000. In addition to the county or counties containing such a city or cities, contiguous counties are included in an SMSA if, according to certain criteria, they are socially and economically integrated with the central city. In the New England States, SMSA's consist of towns and cities instead of counties. In recent years, four cities (High Point, N.C., Macon, Ga., Oklahoma City, Okla., and Sioux Falls, S. Dak.) have annexed territory which lies outside the boundaries of the SMSA. The figures shown in the tables for these cities exclude the portions which lie outside the SMSA. Each SMSA must include at least one central city, and the complete title of an SMSA identifies the central city or cities. For a detailed description of the criteria used in defining SMSA's, see the Bureau of the Budget publication cited above.

## Appendix B.—DEFINITIONS AND EXPLANATIONS OF SUBJECT CHARACTERISTICS

GENERAL . . . . .	App-3
<b>POPULATION CHARACTERISTICS</b>	
Age . . . . .	App-3
Race . . . . .	App-3
Nativity, parentage, and country of origin . . . . .	App-3
Spanish heritage . . . . .	App-4
Spanish language . . . . .	App-4
Spanish surname . . . . .	App-4
Puerto Rican birth or parentage . . . . .	App-4
Spanish mother tongue . . . . .	App-4
Household . . . . .	App-4
Relationship to head of household . . . . .	App-4
Group quarters . . . . .	App-5
Inmate of institution . . . . .	App-5
Family . . . . .	App-5
Own children and related children . . . . .	App-5
Unrelated individuals . . . . .	App-5
Marital status . . . . .	App-5
Children ever born . . . . .	App-6
School enrollment . . . . .	App-6
Years of school completed . . . . .	App-6
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Reference week . . . . .	App-6
Employment status . . . . .	App-6
Place of work . . . . .	App-7
Means of transportation to work . . . . .	App-7
Occupation, industry, and class of worker . . . . .	App-7
Income in 1969 . . . . .	App-7
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<b>HOUSING CHARACTERISTICS</b>	
Housing units and group quarters . . . . .	App-9
Year-round housing units . . . . .	App-9
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Persons . . . . .	App-10
Year moved into unit . . . . .	App-10
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Access . . . . .	App-10
Rooms . . . . .	App-10
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Units in structure . . . . .	App-10
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Value . . . . .	App-11
Mean value . . . . .	App-11
Contract rent . . . . .	App-12
Gross rent . . . . .	App-12
Mean gross rent . . . . .	App-12
Gross rent as percentage of income . . . . .	App-12

### GENERAL

Facsimiles of the census questions and more complete definitions of the subject characteristics may be found in the 1970 Population Census PC(1)-C reports for population items and in the 1970 Housing Census HC(1)-B reports for housing items.

Certain characteristics defined here appear in both the population and the housing tables. Definitions for such characteristics are presented only once, in the section "Population Characteristics" or in the section "Housing Characteristics," depending on the nature of the subject (except for "group quarters," which appears in both sections).

### POPULATION CHARACTERISTICS

**Age.**—The age classification is based on the age of the person in completed years as of April 1, 1970, and was determined from the reply to questions on age and on month and year of birth.

**Race.**—Data are shown for two racial categories, white and Negro. 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 on the questionnaire but entered Mexican, Puerto Rican, or a response suggesting Indo-European stock. The category "Negro" includes persons who indicated their race as Negro or Black, as well as persons who did not classify themselves in one of the specific race categories on the questionnaire but who had such entries as Jamaican, Trinidadian, West Indian, Haitian, and Ethiopian. All other racial categories, such as American Indian, Japanese, and Chinese, are included in the total but not shown separately. The classification by race shown for occupied housing units refers to the race of the head of the household occupying the unit.

Differences in the statistics on race in tables P-1, H-1, and H-3, containing 100-percent data, and tables P-5, P-6, and H-4, containing sample data, are due partly to the manual editing of the sample questionnaires. Many persons who reported their race as "Other" on the questionnaire also supplied a write-in entry that indicated the proper race classification should have been one of the specific race categories, e.g., white, Negro, etc. While the field edit procedures included a review of such entries on all questionnaires before the 100-percent data were tabulated, manual editing of the sample questionnaires after the 100-percent data were tabulated resulted in some further changes in classification by race.

**Nativity, parentage, and country of origin.**—The category "native" comprises persons born in the United



States, the Commonwealth of Puerto Rico or an outlying area of the United States, or at sea. Also included in this category is the small number of persons who, although they were born in a foreign country, have at least one native American parent. The category "foreign-born" includes all persons not classified as native. The category "native of native parentage" comprises native persons both of whose parents are also natives of the United States. "Native of foreign or mixed parentage" comprises native persons one or both of whose parents are foreign born.

The category "foreign stock" includes the foreign-born population and the native population of foreign or mixed parentage. In this report, persons of foreign stock are classified according to their country of origin. Natives of foreign parentage whose parents were born in different countries are classified according to the country of birth of the father. Natives of mixed parentage are classified according to the country of birth of the foreign-born parent.

**Spanish heritage.**—In the census tract reports, separate tables are presented for the population of Spanish heritage, which is variously identified in the reports for different areas: in 42 States and the District of Columbia it is identified as "Persons of Spanish language"; in five Southwestern States, as "Persons of Spanish language or Spanish surname"; and in the Middle Atlantic States, as "Persons of Puerto Rican birth or parentage." Similarly, separate housing statistics are presented for housing units in these categories, identified on the basis of the classification of the household head occupying the unit. The specific definitions

involved in identifying these population groups are given below.

**Spanish language.**—Persons of Spanish language comprise persons of Spanish mother tongue (see definition below) and all other persons in families in which the head or wife reported Spanish as his or her mother tongue. A housing unit is classified as occupied by persons of Spanish language if the head or his wife reported Spanish as his or her mother tongue.

**Spanish surname.**—In five Southwestern States (Arizona, California, Colorado, New Mexico, and Texas) persons with Spanish surnames are identified. Separate statistics are presented, in these States, for persons of Spanish language combined with all additional persons of Spanish surname. These additional persons are shown in the category "Other persons of Spanish surname."

**Puerto Rican birth or parentage.**—The population of Puerto Rican birth or parentage includes persons born in Puerto Rico and persons born in the United States or an outlying area with one or both parents born in Puerto Rico. Statistics for this group are shown for areas in New York, New Jersey, and Pennsylvania.

**Spanish mother tongue.**—Mother tongue is defined as the language spoken in the person's home when he was a child.

In two tracted areas that cross State lines, Wilmington, Del.—N.J.—Md., and Texarkana, Tex.—Ark., the population of Spanish heritage in each State portion is identified, for tabula-

tion purposes, in the manner specified above for that State, and the segments for the different States are combined to form a total for the area. The term used to describe this population in tables P-7, P-8, and H-5, however, is the term applicable in the State containing the major portion of the SMSA. Thus, for the Wilmington SMSA, the term applicable in Delaware, "Persons of Spanish language," is used; and in the Texarkana SMSA the term applicable in Texas, "Persons of Spanish language or Spanish surname," is used.

**Household.**—A household includes all the persons who occupy a group of rooms or a single room which constitutes a housing unit (see definition of housing unit, below). The average population per household is obtained by dividing the population in households by the number of household heads.

The population per household for Negroes and persons of Spanish heritage, shown in tables P-5 and P-7, may not in all cases be a true representation of the household size for these groups. For example, some persons of a given group may be roomers or domestic employees living with household heads of a different ethnic classification.

**Relationship to head of household.**—Four categories of relationship to head of household are recognized in this report:

1. **Head of household.**—One person in each household is designated as the "head," that is, the person who is regarded as the head by the members of the household. However, if a married woman living with her husband was reported as the head, her husband was con-

sidered the head for the purpose of simplifying the tabulations. Two types of household heads are distinguished — the head of a family and a primary individual. A family head is a household head living with one or more persons related to him by blood, marriage, or adoption. A primary individual is a household head living alone or with nonrelatives only.

2. *Wife of head.*—A woman married to and living with a household head, including women in common-law marriages as well as women in formal marriages. In table P-1, which is based on 100-percent tabulations, the number of wives is the same as the number of "husband-wife households" and the number of "husband-wife families." In tables P-5 and P-7, which are based on a sample and are limited to a specific ethnic group, the numbers may differ, because of minor differences in the weighting of the data and because a husband and wife do not always have the same ethnic classification.
3. *Other relative of head.*—All persons related to the head of the household by blood, marriage, or adoption except "wife of head."
4. *Not related to head.*—All persons in the household not related to the head by blood, marriage, or adoption. Roomers, boarders, lodgers, partners, resident employees, wards, and foster children are included in this category.

**Group quarters.**—Persons in living arrangements other than households are classified by the Bureau of the Census as living in group quarters. Group quarters are located most frequently in institutions, rooming houses, military

barracks, college dormitories, fraternity and sorority houses, hospitals, monasteries, convents, and ships. A house or apartment is considered group quarters if it is shared by the person in charge and five or more persons unrelated to him, or, if there is no person in charge, by six or more unrelated persons.

**Inmate of institution.**—Inmates of institutions are persons under care or custody at the time of enumeration in homes, schools, hospitals or wards for juveniles, the physically handicapped, or the mentally handicapped; homes or hospitals for mental, tuberculosis, or other chronic disease patients; homes for unwed mothers; nursing, convalescent, and rest homes; homes for the aged and dependent; and correctional institutions.

**Family.**—According to 1970 census definitions, a family consists of a household head and one or more other persons living in the same household who are related to the head by blood, marriage, or adoption; all persons in a household who are related to the head are regarded as members of his (her) family. A "husband-wife family" is a family in which the head and his wife 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 mean size of family is derived by dividing the number of persons in families by the total number of families.

**Own children and related children.**—This report shows statistics on families by presence of "own" children and "related" children of specified ages. A child under 18 years old is defined

as an "own child" if he or she is a single (never married) son, daughter, stepchild, or adopted child. The number of children "living with both parents" includes stepchildren and adopted children as well as sons and daughters born to the couple. "Related children" in a family include all persons under 18 related to the head except "wife of head." The "mean number of related children" is derived by dividing the total number of related children of the specified age in families by the number of families having children of that age. In table P-1 the number of own children under 18 years of age is divided by "persons under 18 years" to obtain the "percent of total under 18 years."

**Unrelated individuals.**—An unrelated individual, as defined in this report, may be any of the following: a household head living alone or with nonrelatives only, a household member not related to the head, or a person living in group quarters who is not an inmate of an institution.

**Marital status.**—The marital status classification refers to the status at the time of enumeration. Persons classified as "married" consist of those who have been married only once and those who remarried after having been widowed or divorced. Persons reported as separated (living apart because of marital discord, with or without a legal separation) are classified as a subcategory of married persons. Persons in common-law marriages are classified as married, and persons whose only marriage had been annulled are classified as never married. All persons reported as never married are shown as "single" in this report.

**Children ever born.**—In this report, statistics on the number of children ever born are presented for women 35 to 44 years old who have ever been married. Respondents were instructed to include children born to the woman before her present marriage, children no longer living, and children away from home, as well as children born to the woman who were still living in the home.

**School enrollment.**—School enrollment is shown for persons 3 to 34 years old. Persons were included as enrolled in school if they reported attending a "regular" school or college at any time between February 1, 1970, and the time of enumeration. Regular schooling is that which may advance a person toward an elementary school certificate or high school diploma, or a college, university, or professional degree. Schooling that was not obtained in a regular school and schooling from a tutor or through correspondence courses were counted only if the credits obtained were regarded as transferable to a school in the regular school system. Persons were included as enrolled in nursery school only if the school included instruction as an important and integral phase of its program. Schooling which is generally regarded as not "regular" includes that given in nursery schools which simply provide custodial day care, in specialized vocational, trade, or business schools, in on-the-job training, and through correspondence courses.

Elementary school, as defined here, includes grades 1 to 8, and high school includes grades 9 to 12. If a person was attending a junior high school, the equivalent in terms of 8 years of elementary school and 4 years of high school was recorded. 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 the answers to the two questions: (a) "What is the highest grade (or year) of regular school he has ever attended?" and (b) "Did he finish the highest grade (or year) he attended?" Persons whose highest grade of attendance was in a foreign school system, or in an ungraded school whose highest level of schooling was measured by "readers," or whose training was received through a tutor were instructed to report the approximate equivalent grade in the regular United States school system. A person was reported as not having completed a given grade if he dropped out or failed to pass the last grade attended.

**Residence in 1965.**—Residence on April 1, 1965, is the usual place of residence five years before enumeration. The category "same house" includes all persons five years old and over who did not move during the five years as well as those who had moved but by 1970 had returned to their 1965 residence. The category "different house" includes persons who, on April 1, 1965, lived in the United States in a different house from the one they occupied on April 1, 1970, and for whom sufficient information concerning the 1965 residence was collected. These persons were subdivided into three groups according to their 1965 residence in or outside a standard metropolitan statistical area: "in central city of this SMSA," "in other part of this SMSA," and "outside this SMSA." The category

"abroad" includes those with residence in a foreign country or outlying area of the United States in 1965.

**Reference week.**—The data on employment status and place of 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.

**Employment status.**—Employed persons comprise all civilians 16 years old and over who were either (a) "at work" — those who did any work at all 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.

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 past 4 weeks, and (c) were available to accept a job. 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 are also included as unemployed.

The "civilian labor force" consists of persons classified as employed or unemployed in accordance with the criteria described above. The "labor force" includes all persons in the civilian labor force plus members of the Armed Forces (persons on active duty with the United States Army, Air Force, Navy, Marine Corps, or Coast Guard). 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 persons doing only incidental unpaid family work (less than 15 hours during the reference week). Of these groups, students and inmates are shown separately in selected tables.

**Place of work.**—Place of work refers to the geographic location at which civilians and Armed Forces personnel not on leave carried out their occupational or job activities during the reference week. For the purposes of this report, these locations were defined with respect to the boundaries of the standard metropolitan statistical area as "inside SMSA" and "outside SMSA." Locations within the SMSA, were subdivided into the central business district of the central city, the balance of that county, or, if outside that county, the specific county of the SMSA.

The central business district (CBD) is usually the downtown retail trade area of the city. As defined by the Bureau of the Census, the CBD is an area of very high land valuation characterized by a high concentration of retail business offices, theaters, hotels, and service businesses, and with a

high traffic flow. CBD's consist of one or more census tracts and have been defined only in cities with a population of 100,000 or more. In order to be counted as working in the CBD, the respondent had to give the exact address (street name and number) of his place of work. Since some respondents did not do this, the number of persons working in the CBD is usually understated by an unknown amount.

The exact address (number and street name) for the place of work was asked. Persons working at more than one job were asked to report the location of the job at which they worked the greatest number of hours during the reference week. Salesmen, deliverymen, and others who work in several places each week were requested to give the address at which they began work each day, if they reported to a central headquarters. For cases in which daily work was not begun at a central place each day, the person was asked to report the exact address of the place where he worked the most hours last week. If his employer operated in more than one location (such as a grocery store chain or public school system), the exact address of the location or branch where the respondent worked was requested. When the number or street name could not be given, the name of the building or the name of the company for which he worked was to be entered.

**Means of transportation to work.**—Means of transportation to work refers to the chief means of travel or type of conveyance used in traveling to and from work on the last day the respondent worked at the address given as his or her place of work. The "chief means" referred to the

means of transportation covering the greatest distance if more than one means was used in daily travel. "Worked at home" was marked by a person who worked on a farm where he lived or in an office or shop in his home.

**Occupation, industry, and class of worker.**—The data on these three subjects in this report are for employed persons 16 years old and over and refer to the job held during the reference week. For persons employed at two or more jobs, the data refer to the job at which the person worked the greatest number of hours. The occupation and industry statistics presented here are based on the detailed systems developed for the 1970 census: see 1970 Census of Population, **Classified Index of Industries and Occupations**, U. S. Government Printing Office, Washington, D. C., 1971.

**Income in 1969.**—Information on money income received in the calendar year 1969 was requested from persons 14 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, Social Security or railroad retirement income, public assistance or welfare income, and all other income. The figures represent the amount of income regularly received 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 1969. It includes wages, salary, pay from Armed Forces, commissions, tips, piece rate payments,

and cash bonuses earned. "Nonfarm 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 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 own account, as an owner, renter, or sharecropper.

"Social Security or railroad retirement income" includes cash receipts of Social Security pensions, survivors' benefits, permanent disability insurance payments, and special benefit payments made by the Social Security Administration (under the National old-age, survivors, disability, and health insurance programs) before deductions of health insurance premiums. "Medicare" reimbursements are not included. Cash receipts from retirement, disability, and survivors' benefit payments made by the U. S. Government under the Railroad Retirement Act are also included. "Public assistance income" includes cash receipts of payments made under the following public assistance programs: aid to families with dependent children, old-age assistance, general assistance, aid to the blind, and aid to the permanently and totally disabled. Separate payments received for hospital or other medical care are excluded from this item. "Income from all other sources" includes money income received from sources such as interest; dividends; net income (or loss) from property rentals; net receipts from roomers or boarders; veteran's payments; public or private pensions, periodic receipts from insurance policies or annuities; unemployment insurance benefits;

workmen's compensation cash benefits; net royalties; periodic payments from estates and trust funds; alimony or child support from persons who are not members of the household; net gambling gains; nonservice scholarships and fellowships; and money received for transportation and/or subsistence by persons participating in special governmental training programs, e.g., under the Manpower Development and Training Act.

Receipts from the following sources were not included as income: money received from the sale of property (unless the recipient was engaged in the business of selling such property); the value of income "in kind" such as food produced and consumed in the home or free living quarters; 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 1969, the characteristics of persons and the composition of families refer to the time of enumeration (April 1, 1970). For most families, however, the income reported was received by persons who were members of the family throughout 1969.

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 families and unrelated individuals the median income is based on the distribution of the total number of families and unrelated individuals, including those with no income.

The mean income is the amount obtained by dividing the total in-

come of a particular statistical universe by the number of units in that universe. Thus, mean family income is obtained by dividing total family income by the total number of families. For the six types of income the means are based on families having those types of income.

Care should be exercised in using and interpreting mean income values in the statistics for small areas or small subgroups of the population. Since the mean is strongly influenced by extreme values in the distribution, it is 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 when the population base is small. The mean, nevertheless, is shown in this report for most small areas and small subgroups because, when weighted according to the number of cases, the means can be added to obtain summary measures for areas and groups other than those shown in this report.

**Poverty status in 1969.**—Families and unrelated individuals are classified as being above or below the poverty level, using the poverty index adopted by a Federal Interagency Committee in 1969. This index provides a range of income cutoffs or "poverty thresholds" adjusted to take into account such factors as family size, sex and age of the family head, the number of children, and farm-nonfarm residence. The poverty cutoffs for farm families have been set at 85 percent of the nonfarm levels. These income cutoffs are updated every year to reflect the changes in the Consumer Price Index. The poverty threshold for a nonfarm family of four was \$3,743 in 1969. For a detailed explanation of the poverty

definition, see *Current Population Reports*, Series P-23, No. 28, "Revisions in Poverty Statistics, 1959 to 1968."

Households below the poverty level are defined as households in which the total 1969 income of the family or primary individual was below the poverty level. The incomes of persons in the household other than members of the family or the primary individual are not included when determining poverty status of a household.

The households for which poverty status is shown cannot be compared with the total number of households shown elsewhere. The former exclude those in certain types of housing units: owner-occupied units are restricted to one-family units on places of less than 10 acres and without a business on the property; and renter-occupied units exclude one-family units on places of 10 acres or more.

The "ratio of family income to poverty level" is obtained by dividing the income of a family by its corresponding poverty threshold. The "income deficit" is the difference between the total income of families and unrelated individuals below the poverty level and their respective poverty thresholds. In computing the income deficit, families reporting a net income loss are assigned zero dollars, and for such cases the income deficit is equal to the poverty threshold. The aggregate income deficit provides an estimate of the amount of money which would be required to raise the incomes of all poor families and unrelated individuals to their respective thresholds at the poverty level. The mean income deficit is the amount obtained by dividing the aggregate income deficit of a group below the poverty level by the number of families or unrelated individuals (as appropriate) in that group.

## HOUSING CHARACTERISTICS

**Housing units and group 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, etc.). Living quarters may also be in structures intended for nonresidential use (e.g., the rooms in a warehouse where a watchman lives), as well as in tents, caves, old railroad cars, etc.

A housing unit is a house, an apartment, a group of rooms, or a single room occupied or intended for occupancy as separate living quarters. Separate living quarters are those in which the occupants do not live and eat with any other persons in the structure and which quarters have either (1) direct access from the outside of the building or through a common hall or (2) complete kitchen facilities for the exclusive use of the occupants. The occupants may be a single family, one person living alone, two or more families living together, or any other group of related or non-related persons who share living arrangements (except as described in the next paragraph on group quarters). For vacant units, the criteria for separateness, direct access, and complete kitchen facilities for exclusive use are applied to the intended occupants whenever possible (or to the previous occupants if this information cannot be obtained). Both occupied and vacant housing units are included in the housing inventory, except that mobile homes, trailers, tents, etc., are included only if they are occupied.

Group quarters are living arrangements for institutional inmates or for

other groups containing five or more persons not related to the person in charge. Group quarters are located most frequently in institutions, boarding houses, military barracks, college dormitories, fraternity and sorority houses, hospitals, monasteries, convents, and ships. A house or apartment is considered group quarters if it is shared by the person in charge and five or more persons unrelated to him, or if there is no person in charge, by six or more unrelated persons. Information on the housing characteristics of group quarters was not collected in the census.

**Year-round housing units.**—Data on housing characteristics are limited to year-round housing units; i.e., all occupied units plus vacant units which are intended for year-round use. Vacant units intended for seasonal occupancy and vacant units held for migratory labor are excluded because it is difficult to obtain reliable information for them. Counts of the total housing inventory, however, are given for each area presented in this report.

**Occupied housing units.**—A housing unit is classified as occupied if a person or group of persons is living in it at the time of enumeration or if the occupants are only temporarily absent, for example, on vacation. However, if the persons staying in the unit have their usual place of residence elsewhere the unit is classified as vacant.

**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. In addition, a vacant unit may be one which is occupied entirely by persons who have a usual residence elsewhere.

New units not yet occupied are enumerated 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 unfit for human habitation because the roof, walls, windows, 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.

Vacant housing units are classified in this report as either "seasonal and migratory" (i.e., intended for seasonal occupancy or held for migratory labor) or "year-round." "Seasonal" units are intended for occupancy during only certain seasons of the year. "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 year-round. A unit used only occasionally throughout the year is also considered year-round.

Year-round vacant units are subdivided as follows: "for sale only"; "for rent" which also includes vacant units offered either for rent or for sale; and "other" which includes units sold or rented but not yet occupied by the new owner or renter, units held for the occasional use of the owner, and units being held off the market for other reasons.

**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. A cooperative or condominium unit is "owner oc-

cupied" only if the owner or co-owner lives in it. All other occupied units are classified as "renter occupied," including units rented for cash rent and those occupied without payment of cash rent.

**Persons.**—Persons occupying the housing unit include not only occupants related to the head of the household but also any lodgers, roomers, boarders, partners, wards, foster children and resident employees who share the living quarters of the household head. The data on "persons" show the number of housing units occupied by the specified number of persons.

Units with one or more roomers, boarders, or lodgers are shown as a separate category. Not included as "roomers, boarders, or lodgers" are foster children or wards, servants who live in, companions, and partners.

**Year moved into unit.**—Data on year moved into unit are based on the information reported for the head of the household. The question refers to the year of latest move. Thus, if the head moved back into a unit he had previously occupied or if he moved from one apartment to another in the same building, the year he moved into his present unit was to be reported.

**Complete kitchen facilities.**—A unit has complete kitchen facilities when it has all three of the following for the exclusive use of the occupants of the unit: (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, although they need not be in the same room. Quarters with only portable cooking equipment are not considered as hav-

ing a range or cookstove. "Lacking complete kitchen facilities" means that the unit does not have all three specified kitchen facilities, or that they are also for the use of the occupants of other housing units.

**Access.**—"Access only through other living quarters" means that the occupants of a housing unit must go through someone else's living quarters to enter their own; that is, they do not have a direct entrance from the outside or through a common or public hall.

**Rooms.**—Rooms to be counted include whole rooms used for living purposes, such as living rooms, dining rooms, kitchens, bedrooms, finished recreation rooms, family rooms, etc. Not counted as rooms are bathrooms, porches, balconies, foyers, halls, half-rooms, kitchenettes, strip or pullman kitchens, utility rooms, unfinished attics, basements, or other space used for storage.

**Persons per room.**—This is computed by dividing the number of persons in the unit by the number of rooms in the unit. The figures shown, therefore, refer to the number of housing units having the specified ratio of persons per room.

**Year structure built.**—Year structure built refers to when the building was first constructed, not when it was remodeled, added to, or converted.

**Units in structure.**—In the determination of the number of units in a structure, all housing units, both occupied and vacant, were counted. The statistics are presented in terms of the number of housing units in structures of specified size, not in

terms of the number of residential structures.

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.

**Basement.**—Statistics on basements are presented in terms of the number of housing units located in structures built with a basement, and are separately tabulated for one-family houses with basements. A structure has a basement if there is enclosed space in which persons can walk upright under all or part of the building.

**Plumbing facilities.**—The category "with all plumbing facilities" consists of units which have hot and cold piped water, as well as a flush toilet and a bathtub or shower inside the structure for the exclusive use of the occupants of the unit. "Lacking some or all plumbing" means that the unit does not have all three specified plumbing facilities (hot and cold piped water, as well as flush toilet and bathtub or shower inside the structure), or that the toilet or bathing facilities are also for the use of the occupants of other housing units.

**Selected equipment.**—Statistics are presented for the number of housing units with the following selected equipment.

*With more than one bathroom.*—A complete bathroom is a room with flush toilet, bathtub or shower, and wash basin with piped water. A partial or half bathroom has at least a flush toilet or bathtub (or shower), but does not have all the facilities for a complete bathroom. A housing

unit "with more than one bathroom" has, in addition to one complete bathroom, one or more partial or complete bathrooms.

*With public water supply.*—A public system refers to a common source supplying running water to six or more housing units. The water may be supplied by a city, county, water district, or private water company, or it may be obtained from a well which supplied six or more housing units.

*With public sewer.*—A "public sewer" is connected to a city, county, sanitary district, neighborhood, or subdivision sewer system. It 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.

*With air conditioning.*—Air conditioning is the cooling of air by a refrigeration unit. A central system is a central installation which air-conditions the entire housing unit. A room unit is an individual air conditioner which is installed in a window or an outside wall and is generally intended to cool one room, although it may sometimes be used to cool more than one room.

**Heating equipment.**—The list of heating equipment refers to the type of heating equipment and not to the fuel used. "Steam or hot water" refers to a central heating system in which heat from steam or hot water is delivered through radiators or other outlets. "Warm air furnace" refers to a central system which provides warm air through ducts leading

to various rooms; central heat pumps are included in this category. "Built-in electric units" are permanently installed in the floors, walls or ceilings. 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. "Other means" includes room heaters with or without flue, fireplaces, stoves, and portable heaters of all types.

A housing unit "With central or built-in heating system" contains a steam or hot water system, a warm-air furnace, built-in electric units, or a floor, wall, or pipeless furnace.

**Automobiles available.**—Statistics on automobiles available represent the number of passenger automobiles, including station wagons, which are owned or regularly used by any member of the household and which are ordinarily kept at home. Taxicabs, pickups, or larger trucks were not to be counted.

**Value.**—Value is the respondent's estimate of how much the property (house and lot) would sell for if it were for sale. The term "specified owner-occupied units" means that the value data are limited to owner-occupied one-family houses on less than ten acres, without a commercial establishment or medical office on the property. Owner-occupied cooperatives, condominiums, mobile homes, and trailers are excluded from the value tabulations.

**Mean value.**—Mean value is the sum of the individual values reported, divided by the number of owner-occupied units for which value is shown. For purposes of computation, the mid-



points of the intervals were used, except that a mean value of \$3,500 was assigned to housing units in the interval "less than \$5,000" and a mean of \$60,000 was assigned to units in the interval "\$50,000 or more."

**Contract rent.**—Contract rent is the monthly rent agreed to, or contracted for, even if the furnishings, utilities, or services are included. The term "specified renter-occupied units" means that the contract rent data exclude one-family houses on ten acres or more. Renter units occupied without payment of cash rent are

shown separately as "no cash rent" in the rent tabulations.

**Gross rent.**—Monthly gross rent is the summation of contract rent plus the estimated average monthly cost of utilities (water, electricity, gas) and fuels (oil, coal, kerosene, wood, etc.), if these items are paid for by the renter, in addition to rent. Thus, gross rent is intended to eliminate individual differences which result from varying practices with respect to the inclusion of heat and utilities as part of the rental payment.

**Mean gross rent.**—Mean gross rent is the sum of the individual rental

amounts divided by the number of renter-occupied units, excluding one-family houses on ten acres or more.

**Gross rent as percentage of income.**—The yearly gross rent (monthly gross rent multiplied by 12) is expressed as a percentage of the total income in 1969 of the family or primary individual. The percentage was computed separately for each unit and was rounded to the nearest whole number. Units for which no cash is paid and units occupied by families or primary individuals who reported no income or a net loss comprise the category "not computed."

## Appendix C.—ACCURACY OF THE DATA

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### SOURCES OF ERROR

Human and mechanical errors occur in any mass statistical operation such as a decennial census. Errors during the data collection phase can include failure to obtain required information from respondents, obtaining incorrect or inconsistent information, and recording information in the wrong place or incorrectly. Errors can also occur during the field review of the enumerator's work, the clerical handling of the questionnaires, and the various stages of the electronic processing of the material. Careful efforts are made in every census to keep the errors in each step at an acceptably low level. Quality control and check measures are utilized throughout the census operation.

In the manual editing and coding operation, a sample of the work of each coder was verified, and a coder who showed consistently high error rates was retrained. A coder who still did not produce work of acceptable quality after retraining was removed from the coding operation. In addition, provision was made for correction of any work units for which the error rate exceeded a maximum level. Information on error rates will be given in later publications.

As was done for the 1950 and 1960 censuses, evaluative material on many aspects of the 1970 census will be published as soon as the appropriate data are accumulated and analyzed.

A major concern in the evaluation work is to ascertain, insofar as possible, the degree of completeness of the count of both population and housing units.

### EDITING OF UNACCEPTABLE DATA

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

In the field, questionnaires were reviewed for completeness by a census clerk or enumerator, and a followup was made for missing information. The major review occurred in the central processing office, where the editing and coding operation provided an opportunity to correct obvious errors in the respondents' entries for those items which required manual processing. In coding relationship to household head, for example, the clerk made use of written entries, which the computer is not able to read, in determining the correct entry where the machine readable item was blank or contained conflicting information. For a few of the items, the respondents' entries were reviewed for reasonableness or consistency on the basis of other information on the questionnaire. 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 mechanical editing, the configuration of marks on the questionnaire was scanned electronically to determine whether it contained information for a person or merely spurious marks. If the

questionnaire contained entries for at least two of the basic characteristics (relationship, sex, race, age, marital status), or for at least two relevant sample characteristics, the inference was made that the marks represented a person. Names were not used as a criterion of the presence of a person because the electronic scanning was unable to distinguish between a name and any other entry in the name space.

If any characteristics for a person or housing unit were missing, they were, in most cases, supplied by allocation. Allocations, or assignments of acceptable codes in place of unacceptable entries, were needed most often where an entry for a given item was lacking or where the information reported for a person or housing unit on that item was inconsistent with other information for the person or housing unit. The assignment of acceptable codes in place of blanks or unacceptable entries, it is believed, enhances the usefulness of the data.

For housing data, the assignment was based on related information reported for the housing unit or on information reported for a similar unit in the immediate neighborhood. For example, if tenure for an occupied unit was omitted but a rental amount was reported, the computer automatically edited tenure to "rented for cash rent." The technique may also be illustrated by the procedure used in the assignment for unknown age. The computer stored reported ages of persons by sex, race, household relationship, and marital status. Each stored age was retained in the computer only until a person having the same set of characteristics, and with age reported was processed through the computer in the edit operation; this stored age was assigned to the next person whose age was

unknown and who otherwise had the same set of specified characteristics.

The editing process also includes another type of correction; namely, the assignment of a full set of characteristics for a person. When there was indication that a housing unit was occupied but the questionnaire contained no information for any person, a previously processed household was selected as a substitute and the full set of characteristics for each substitute person was duplicated.

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 chapters B and C of the 1970 Census of Population Volume I, **Characteristics of the Population**, and chapters A and B of Census of Housing Volume I, **Characteristics for States, Cities, and Counties**.

**SAMPLE DESIGN**

For persons living in housing units at the time of the 1970 census, the housing unit, including all its occupants, was the sampling unit; for persons in group quarters identified in advance of the census, it was the person. In nonmail areas, the enumerator canvassed his assigned area and listed all housing units in an

address register sequentially in the order in which he first visited the units whether or not he completed the interview. Every fifth line of the address register was designated as a sample line, and the housing units listed on these lines were included in the sample. Each enumerator was given a random line on which he was to start listing and the order of canvassing was indicated in advance, although the instructions allowed some latitude in the order of

visiting addresses. In mail areas, the list of housing units was prepared prior to Census Day either by employing commercial mailing lists corrected through the cooperation of the post office or by listing the units in a process similar to that used in nonmail areas. As in other areas, every fifth housing unit of these lists was designated to be in the sample. In group quarters, all persons were listed and every fifth person was selected for the sample.

**TABLE C. Sample Rate for Subjects Included in This Report**

[Subjects marked with an asterisk (\*) were tabulated on a 100% basis for tables P-1, H-1, and H-3. All subjects shown in the tables for persons of Spanish heritage (P-7, P-8, and H-5) were tabulated on a 15% basis. The subjects covered in the remaining tables (P-2 to P-6, H-2, and H-4) were tabulated according to the sample rates shown below]

Population subjects	Sample rate (percent)	Housing subjects	Sample rate (percent)
*Sex	20	*All year-round housing units	20
*Race	20	*Occupied housing units: table H-2	15
*Age	20	table H-4	20
*Household relationship	20	*Cooperative or condominium	—
*Family composition	20	*Vacancy status	—
*Marital status	—	*Tenure of housing unit	—
Children ever born	20	Year moved into unit	15
Country of origin	15	*Number of rooms	—
Nativity and parentage	15	*Size of household (persons)	—
School enrollment	15	*Persons per room	—
Years of school completed	20	*Plumbing facilities	—
Residence in 1965	15	Bathrooms	15
Employment status	20	Source of water	15
Place of work	15	Sewage disposal	15
Means of transportation to work	15	*Complete kitchen facilities	—
Occupation	20	*Access	—
Industry	20	Units in structure	20
Class of worker	20	Year structure built	20
Income	20	Basement	20
Poverty status	20	Heating equipment	20
		Air conditioning	15
		Automobiles available	15
		*Value	—
		*Contract rent	—
		Gross rent	20

This 20-percent sample was subdivided into a 15-percent and a 5-percent sample by designating every fourth 20-percent sample unit as a member of the 5-percent sample. The remaining sample units became the 15-percent sample. Two types of sample questionnaires were used, one for the 5-percent and one for the 15-percent sample units. Some questions were included on both the 5-percent and 15-percent sample forms and therefore appear for a sample of 20 percent of the units in the census. Other items appeared on either the 15-percent or the 5-percent questionnaires. The sample rates for the various items appearing in this report are shown in table C.

Although the sampling procedure did not automatically insure an exact 20-percent sample of persons or housing units in each locality, the sample design was unbiased if carried through according to instructions; generally for large areas the deviation from 20 percent was found to be quite small. Biases may have arisen when the enumerator failed to follow his listing and sampling instructions exactly. Quality control procedures were used throughout the census process, however, and where there was clear evidence that the sampling procedures were not properly followed, the work was returned to the field for re-sampling. No attempt at sampling was made for the relatively small numbers of persons and housing units (in most States, less than one percent) added to the enumeration from the post-census post office check, the various supplemental forms, and the special check of vacant units. The ratio estimation procedure described below adjusts the sample data to reflect these classes of population and housing units.

**RATIO ESTIMATION**

The statistics based on 1970 census sample data are estimates made through the use of ratio estimation procedures, applied separately for the 15- and 20-percent samples. The first step in carrying through the ratio estimates was to establish the areas within which separate ratios were to be prepared. These are referred to as "weighting areas." A single set of weighting areas, containing a minimum population size of 2,500, was defined for use with the 15- and 20-percent samples. Weighting areas were established by mechanical operation on the computer and were defined to conform, as nearly as possible, to areas for which tabulations are produced. In general, sample estimates for a tract may be expected to agree with complete counts whenever the tract was a weighting area. However, tracts were not weighting areas whenever the population was less than 2,500 persons, where the tract was a part of more than one county subdivision or place, or where the Census procedure was not the same in all parts of the tract. In these situations, part of a tract may have been combined with other partial or complete tracts to make up a weighting area and sample estimates for an individual tract in the combination may not agree with complete counts for the tract.

Separate ratio estimation processes were used for persons and for housing units. The ratio estimation process for persons operated in three stages. The first stage employed 19 household-type groups (the first of which was empty by definition). The second stage used two groups, head of household and not head of household, and the third stage used 24 age-sex-race groups.

Group	STAGE I
	<i>Male Head With Own Children Under 18</i>
1	1-person household
2	2-person household
3	3-person household
.	.
.	.
6	6-or-more-person household
	<i>Male Head Without Own Children Under 18</i>
7-12	1-person to 6-or-more-person households
	<i>Female Head</i>
13-18	1-person to 6-or-more-person households
19	<i>Group Quarters Persons</i>
	STAGE II
20	<i>Head of Household</i>
21	<i>Not Head of Household (including persons in group quarters)</i>
	STAGE III
	<i>Male Negro</i>
22	Age under 5 years
23	5-13
24	14-24
25	25-44
26	45-64
27	65 and older
	<i>Male, Not Negro</i>
28-33	Same age groups as for Male Negro
	<i>Female Negro</i>
34-39	Same age groups as for Male Negro
	<i>Female, Not Negro</i>
40-45	Same age groups as for Male Negro

The ratio estimation process for housing operated in two stages for occupied housing units, and in one stage for vacant units. The first stage for occupied units employed 18 household-type groups (the first of which was empty by definition); the second stage for occupied units used four groups: owner and renter occupied units, by race. The single stage for vacant units employed three groups: year-round vacant for sale, year-round vacant for rent, and other vacant.

**Occupied housing units:**

Group	STAGE I
	<i>Male Head With Own Children Under 18</i>
1	1-person household
2	2-person household
3	3-person household
.	.
6	6-or-more-person household
	<i>Male Head Without Own Children Under 18</i>
7-12	1-person to 6-or-more person households
	<i>Female Head</i>
13-18	1-person to 6-or-more-person households
	STAGE II
	<i>Owner Occupied</i>
19	Negro
20	Not Negro
	<i>Renter Occupied.</i>
21	Negro
22	Not Negro

**Vacant housing units:**

Group	STAGE I
23	Year-round vacant for sale
24	Year-round vacant for rent
25	Other vacant

At each stage, for each of the groups, the ratio of the complete count to the weighted sample count in the group was computed and applied to the weight of each sample person or housing unit in the group. For population, this operation was performed for each of the 19 groups in the first stage, then for the two groups in the second stage and finally for the 24 groups in the third stage. For occupied housing units this was performed first for the 18 groups in the first stage and then for the 4 groups in the second stage.

As a rule, the weighted sample counts within each of the groups in the final stage should agree with the complete counts for the weighting areas. Close, although not exact, consistency can be expected for the groups in the preceding stages. There are some exceptions to this general rule, however. As indicated above, there may be differences between the complete counts and sample estimates when the tabulation area is not made up of whole weighting areas. As a result, sample estimates at the tract level may not agree with complete counts when the tract did not form a weighting area. Generally, for 15- and 20-percent items, there may be such a difference whenever the population in the tract is less than 2,500 people. Furthermore, in order to increase the reliability, a separate ratio was not computed in a ratio estimation group whenever certain criteria pertaining to the complete counts and the magnitude of the weight were

not met. For example, for the 15- and 20-percent population sample the complete count of persons in a group had to exceed 85 persons and the ratio of the complete count to the unweighted sample count could not exceed 20. Where these criteria were not met, groups were combined in a specific order until the conditions were met. Where this occurred, consistency between the weighted sample and the complete counts would apply as indicated above for the combined group but not necessarily for each of the groups in the combination.

Each sample person or housing unit was assigned an integral weight to avoid the complications involved in rounding in the final tables. If, for example, the final weight for a group was 5.2, one-fifth of the persons or housing units in the group (selected at random) were assigned a weight of 6 and the remaining four-fifths a weight of 5.

The estimates realize some of the gains in sampling efficiency that would have resulted had the persons and housing units been stratified into the groups before sampling. The net effect is a reduction in both the sampling error and possible bias of most statistics below what would be obtained by weighting the results of the sample by a uniform factor (e.g., by weighting the 20-percent sample results by a uniform factor of 5). The reduction in sampling error will be trivial for some items and substantial for others. A by-product of this estimation procedure is that estimates for this sample are, in general, consistent with the complete count for the groups used in the estimation procedure. A more complete discussion of the technical aspects of these ratio estimates will be presented in a separate report.

### SAMPLING VARIABILITY

The estimates from sample tabulations are subject to sampling variability. The standard errors of these estimates can be approximated by using the data in tables D through F. The chances are about 2 out of 3 that the difference (due to sampling variability) between the sample estimate and the figure that would have been obtained from a complete count of the population is less than the standard error. The chances are about 19 out of 20 that the difference is less than twice the standard error and about 99 out of 100 that it is less than 2½ times the standard error. The amount by which the estimated standard error must be multiplied to obtain other odds deemed more appropriate can be found in most statistical textbooks. The sampling errors may be obtained by using the factors shown in table F in conjunction with table D for absolute numbers and in conjunction with table E for percentages. In addition to sampling errors, these tables reflect the effect of simple response variance, but not of bias arising in the collection, processing and estimation steps, nor of the correlated errors enumerators introduce; estimates of the magnitude of some of these factors in the total error are being evaluated and will be published at a later date.

Table D shows approximate standard errors of estimated numbers for most statistics based on the 20-percent sample. In determining the figures for this table, some aspects of the sample design, the estimation process, and the population of the area over which the data have been compiled are ignored. Table E shows standard errors of most percentages based on

the 20-percent sample. Linear interpolation in tables D and E will provide approximate results that are satisfactory for most purposes. Table F provides a factor by which the standard errors shown in tables D or E should be multiplied to adjust for the combined effect of the sample size (i.e., whether a 20-percent or 15-percent sample) the sample design and the estimation procedure.

To estimate the standard error for a given characteristic based on the 15-percent sample, or for a more precise estimate for the 20-percent sample, locate in table F the factor applying to the characteristic and sample size used to tabulate the data and multiply this factor by the standard error found in table D or E. If the estimate is not identified in table F, use the factor shown for "all other." Where data are shown as cross-classifications of two characteristics, locate and use the larger factor. Similarly, if an item collected on a 20-percent basis has been tabulated for the 15-percent sample, use the factor appropriate for the 15-percent sample.

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 three following situations:

1. For a difference between the sample figure and one based on a complete count (e.g., arising from comparisons between 1970 sample statistics and complete-count statistics for 1960 or 1950), the standard error is identical with the standard error of the 1970 estimate alone.

2. For a difference between two sample figures (that is, one from 1970 and the other from 1960, or both from the same census year), the standard error is approximately the square root of the sum of the squares of the standard errors of each estimate considered separately. This formula will represent the actual standard error quite accurately for the difference between estimates of the same characteristic in two different areas, or for the difference between separate and uncorrelated characteristics in the same area. If, however, there is a high positive correlation between the two characteristics, the formula will overestimate the true standard error. The approximate standard error for the 1970 sample figure is derived directly from tables D through F. The standard error of a 25-percent 1960 sample figure may be obtained from the relevant 1960 census report or an approximate value may be obtained by multiplying the appropriate value in table D or E by 0.9.

3. For a difference between two sample estimates, one of which represents a subclass of the other, the tables can be used directly, with the difference considered as the sample estimate.

The sampling variability of the medians presented in certain tables (median years of school completed, median rent, etc.) depends on the size of the base and on the distribution on which the median is based. An approximate method for measuring the reliability of an estimated median is to determine an interval about the estimated median such that there is a stated degree of confidence the true median lies

APPENDIX C—Continued

within the interval. As the first step in estimating the upper and lower limits of the interval (that is, the confidence limits) about the median, compute one-half the number on which the median is based (designated  $N/2$ ). From table D, following the method outlined in other parts of this section, compute the standard error of an estimated number equal to  $N/2$ . Subtract this standard error from  $N/2$ . Cumulate the frequencies (in the table on which the median is based) until the total first exceeds the difference between  $N/2$  and its standard error and by linear interpolation obtain a value corresponding to this number. In a corresponding manner, add the standard error to  $N/2$ , cumulate the frequencies in the table, and obtain a value in the table on which the median is based corresponding to the

sum of  $N/2$  and its standard error. The chances are about 2 out of 3 that the median would lie between these two values. The range for 19 chances out of 20 and for 99 in 100 can be computed in a similar manner by multiplying the standard error by the appropriate factors before subtracting from and adding to one-half the number reporting the characteristic. Interpolation to obtain the values corresponding to these numbers gives the confidence limits for the median.

The sampling variability of a mean, such as the number of children ever born per 1,000 women or mean income, presented in certain tables, depends on the variability of the distribution on which the mean is based, the size of the sample, the sample design, (for example, the use of house-

holds as the sampling unit), and the use of ratio estimates.

An approximation to the variability of the mean may be obtained as follows: compute the standard deviation of the distribution on which the mean is based; divide this figure by the square root of one-fifth of the total units in the distribution; multiply this quotient by the factor from table F appropriate to the statistic and the actual sample rate on which the mean is based. If the distribution is not published in the detailed tables, calculate the standard deviation from a comparable distribution for a larger area or for a similar population group; divide by the square root of one-fifth of the units on which the mean of interest is based; multiply the quotient by the factor from table F.

TABLE D. Approximate Standard Error of Estimated Number Based on 20-Percent Sample (Range of 2 chances out of 3)

Estimated number (persons or housing units)	Standard error	Estimated number (persons or housing units)	Standard error
50.....	15	1,000 .....	60
100.....	20	2,500 .....	85
250.....	30	5,000 .....	100
500.....	45		

TABLE E. Approximate Standard Error of Estimated Percentage Based on 20-Percent Sample (Range of 2 chances out of 3)

Estimated percentage	Base of percentage (persons or housing units)					
	500	1,000	2,500	5,000	10,000	15,000
2 or 98 .....	1.3	0.9	0.6	0.4	0.3	0.2
5 or 95 .....	2.0	1.4	0.9	0.6	0.4	0.4
10 or 90 .....	2.7	1.9	1.2	0.8	0.6	0.5
25 or 75 .....	3.9	2.7	1.7	1.2	0.9	0.7
50.....	4.5	3.2	2.0	1.4	1.0	0.8

TABLE F. Factor to be Applied to Standard Errors

[Subjects marked with an asterisk were tabulated on a 100% basis for tables P-1, H-1, and H-3.  
Standard errors are not applicable to these tables]

Population subjects <sup>1</sup>	Sample rate (percent)	Factor	Housing subjects <sup>1</sup>	Sample rate (percent)	Factor
*Race .....	20	1.6	*Tenure .....	20	0.2
*Age .....	20	0.8	*Rooms .....	20	1.0
*Household relationship .....	20	0.5	*Persons per room .....	20	0.4
*Family composition .....	20	0.6	*Value .....	20	1.0
Country of origin (including Spanish heritage subjects) .....	15	1.6	Units in structure .....	20	0.8
Nativity and parentage .....	15	1.7	Year structure built .....	20	0.9
School enrollment .....	15	1.0	Heating equipment .....	20	0.8
Years of school completed .....	20	1.0	Basement .....	20	0.9
Residence in 1965 .....	15	2.0	Source of water .....	15	1.0
Employment status .....	20	0.8	Sewage disposal .....	15	1.0
Place of work .....	15	1.3	Air conditioning .....	15	1.1
Means of transportation to work .....	15	1.3	Year moved into unit .....	15	1.1
Occupation .....	20	1.1	Gross rent .....	20	0.9
Industry .....	20	1.1	All other—20 percent .....	20	1.0
Class of worker .....	20	1.1	—15 percent .....	15	1.2
Income—persons .....	20	1.0			
—families .....	20	1.0			
Poverty status—persons .....	20	1.9			
—families .....	20	1.0			
All other—20 percent .....	20	1.0			
—15 percent .....	15	1.2			

<sup>1</sup> Tabulations of data for persons of Spanish heritage are based on the 15-percent sample. For subjects shown in this table as based on the 20-percent sample, the factor for persons of Spanish heritage is obtained by multiplying the appropriate factor in this table by 1.2. For subjects shown as based on the 15-percent sample, the factor in this table can be used directly.



## Appendix D.—PUBLICATION AND COMPUTER SUMMARY TAPE PROGRAM

The results of the 1970 Census of Population and Housing are being issued in the form of printed reports, microfiche copies of the printed reports, computer summary tapes, computer printouts, and microfilm. Listed below are short descriptions of the final report series and computer tapes, as currently planned. More detailed information on this program can be obtained by writing to the Publications Distribution Section, Bureau of the Census, Washington, D.C. 20233.

### Population Census Reports

#### Volume I.

#### CHARACTERISTICS OF THE POPULATION

This volume will consist of 58 "parts"—number 1 for the United States, numbers 2 through 52 for the 50 States and the District of Columbia in alphabetical order, and numbers 53 through 58 for Puerto Rico, Guam, Virgin Islands, American Samoa, Canal Zone, and Trust Territory of the Pacific Islands, respectively. Each part, which will be a separate cloth-bound book, will contain four chapters designated as A, B, C, and D. Each chapter (for each of the 58 areas) will first be issued as an individual paperbound report in four series designated as PC(1)-A, B, C, and D, respectively. The 58 PC(1)-A reports will be specially assembled and issued in a clothbound book, designated as Part A.

#### ■ Series PC(1)-A. NUMBER OF INHABITANTS.

Final official population counts are presented for States, counties by urban and rural residence, standard metropolitan statistical areas (SMSA's), urbanized areas, county subdivisions, all incorporated places, and unincorporated places of 1,000 inhabitants or more.

#### ■ Series PC(1)-B. GENERAL POPULATION CHARACTERISTICS

Statistics on age, sex, race, marital status, and relationship to head of household are presented for States, counties by urban and rural residence, SMSA's, urbanized areas, county subdivisions, and places of 1,000 inhabitants or more.

#### ■ Series PC(1)-C. GENERAL SOCIAL AND ECONOMIC CHARACTERISTICS

Statistics are presented on nativity and parentage, State or country of birth, Spanish origin, mother tongue, residence 5 years ago, year moved into present house, school enrollment (public or private), years of school completed, vocational training, number of children ever born, family composition, disability, veteran status, employment status, place of work, means of transportation to work, occupation group, industry group, class of worker, and income (by type) in 1969 of families and individuals. Each subject is shown for some or all of the following areas: States, counties (by urban, rural-nonfarm, and rural-farm residence), SMSA's, urbanized areas, and places of 2,500 inhabitants or more.

#### ■ Series PC(1)-D. DETAILED CHARACTERISTICS

These reports will cover most of the subjects shown in Series PC(1)-C, above, presenting the data in considerable detail and cross-classified by age, race, and other characteristics. Each subject will be shown for some or all of the following areas: States (by urban, rural-nonfarm, and rural-farm residence), SMSA's, and large cities.

#### Volume II.

#### SUBJECT REPORTS

Each report in this volume, also designated as Series PC(2), will concentrate on a particular subject. Detailed information and cross-relationships will generally be provided on a national and regional level; in some reports, data for States or SMSA's will also be shown. Among the characteristics to be covered are national origin and race, fertility, families, marital status, migration, education, unemployment, occupation, industry, and income.

### Housing Census Reports

#### Volume I.

#### HOUSING CHARACTERISTICS FOR STATES, CITIES, AND COUNTIES

This volume will consist of 58 "parts"—number 1 for the United States, numbers 2 through 52 for the 50 States and the District of Columbia in alphabetical order, and numbers 53 through 58 for Puerto Rico, Guam, Virgin Islands, American Samoa, Canal Zone, and Trust Territory of the Pacific Islands, respectively. Each part, which will be a separate cloth-bound book, will contain two chapters designated as A and B. Each chapter (for each of the 58 areas) will first be issued as an individual paperbound report in two series designated as HC(1)-A and B, respectively.

#### ■ Series HC(1)-A. GENERAL HOUSING CHARACTERISTICS

Statistics on tenure, kitchen facilities, plumbing facilities, number of rooms, persons per room, units in structure, mobile home, telephone, value, contract rent, and vacancy status are presented for some or all of the following areas: States (by urban and rural residence), SMSA's, urbanized areas, places of 1,000 inhabitants or more, and counties.

#### ■ Series HC(1)-B. DETAILED HOUSING CHARACTERISTICS

Statistics are presented on a more detailed basis for the subjects included in the Series HC(1)-A reports, as well as on such additional subjects as year moved into unit, year structure built, basement, heating equipment, fuels, air conditioning, water and sewage, appliances, gross rent, and ownership of second home. Each subject is shown for some or all of the following areas: States (by urban, rural-nonfarm, and rural-farm residence), SMSA's, urbanized areas, places of 2,500 inhabitants or more, and counties (by rural and rural-farm residence).

#### Volume II.

#### METROPOLITAN HOUSING CHARACTERISTICS

These reports, also designated as Series HC(2), will cover most of the 1970 census housing subjects in considerable detail and cross-classification. There will be one report for each SMSA, presenting data for the SMSA and its central cities and places of 50,000 inhabitants or more, as well as a national summary report.

#### Volume III.

#### BLOCK STATISTICS

One report, under the designation Series HC(3), is issued for each urbanized area showing data for individual blocks on selected housing and population subjects. The series also includes reports for the communities outside urbanized areas which have contracted with the Census Bureau to provide block statistics from the 1970 census.

#### Volume IV.

#### COMPONENTS OF INVENTORY CHANGE

This volume will contain data on the disposition of the 1960 inventory and the source of the 1970 inventory, such as new construction, conversions, mergers, demolitions, and other additions and losses. Cross-tabulations of 1970 and 1960 characteristics for units that have not changed and characteristics of the present and previous residence of recent movers will also be provided. Statistics will be shown for 15 selected SMSA's and for the United States and regions.

#### Volume V.

#### RESIDENTIAL FINANCE

This volume will present data regarding the financing of privately owned nonfarm residential properties. Statistics will be shown on amount of outstanding mortgage debt, manner of acquisition of property, homeowner expenses, and other owner, property, and mortgage characteristics for the United States and regions.