

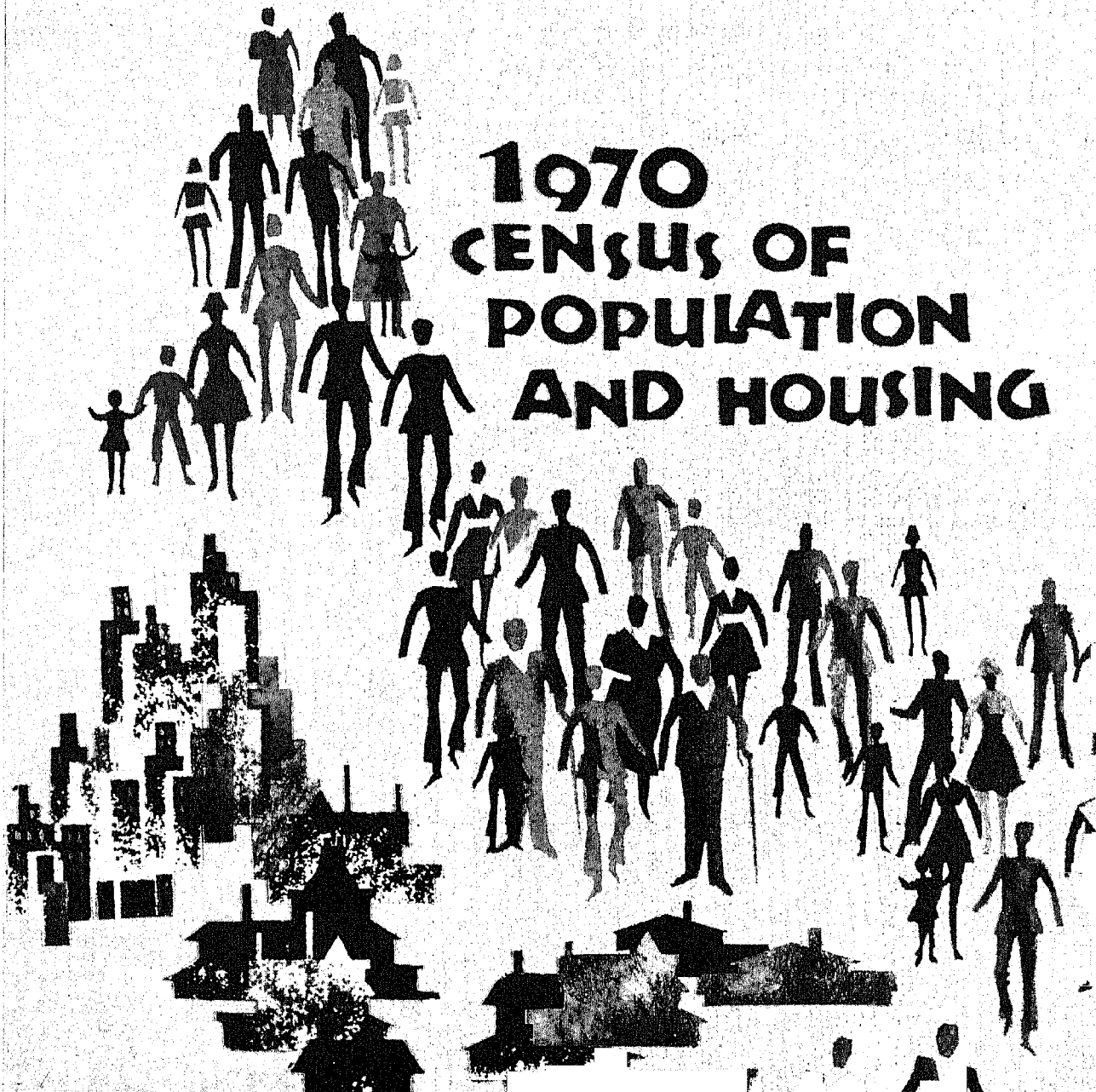
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Census Tracts

ROCHESTER, MINN.
STANDARD METROPOLITAN STATISTICAL AREA



1970 CENSUS OF POPULATION AND HOUSING

**U.S. DEPARTMENT
OF COMMERCE**
BUREAU OF
THE CENSUS

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1970 CENSUS OF POPULATION AND HOUSING

Census Tracts

ROCHESTER, MINN.

STANDARD METROPOLITAN
STATISTICAL AREA

Issued February 1972

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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, Ohio
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	Report number	Area	Report number	Area
121	Lynchburg, Va.*	161	Pine Bluff, Ark.	201	Spokane, Wash.
122	Macon, Ga.*	162	Pittsburgh, Pa.	202	Springfield, Ill.
123	Madison, Wis.	163	Pittsfield, Mass.	203	Springfield, Mo.
124	Manchester, N.H.	164	Portland, Maine*	204	Springfield, Ohio
125	Mansfield, Ohio	165	Portland, Oreg.-Wash.	205	Springfield-Chicopee-Holyoke, Mass.-Conn.*
126	McAllen-Pharr-Edinburg, Tex.	166	Providence-Pawtucket-Warwick, R.I.-Mass.*	206	Stamford, Conn.
127	Memphis, Tenn.-Ark.	167	Provo-Orem, Utah	207	Steubenville-Weirton, Ohio- W. Va.
128	Meriden, Conn.	168	Pueblo, Colo.	208	Stockton, Calif.
129	Miami, Fla.	169	Racine, Wis.	209	Syracuse, N.Y.
130	Midland, Tex.	170	Raleigh, N.C.	210	Tacoma, Wash.
131	Milwaukee, Wis.*	171	Reading, Pa.	211	Tallahassee, Fla.
132	Minneapolis-St. Paul, Minn.	172	Reno, Nev.	212	Tampa-St. Petersburg, Fla.
133	Mobile, Ala.	173	Richmond, Va.	213	Terre Haute, Ind.
134	Modesto, Calif.	174	Roanoke, Va.	214	Texarkana, Tex.-Ark.
135	Monroe, La.	175	Rochester, Minn.	215	Toledo, Ohio-Mich.
136	Montgomery, Ala.	176	Rochester, N.Y.	216	Topeka, Kans.
137	Muncie, Ind.	177	Rockford, Ill.	217	Trenton, N.J.
138	Muskegon-Muskegon Heights, Mich.	178	Sacramento, Calif.*	218	Tucson, Ariz.
139	Nashville-Davidson, Tenn.	179	Saginaw, Mich.	219	Tulsa, Okla.
140	New Bedford, Mass.	180	St. Joseph, Mo.	220	Tuscaloosa, Ala.
141	New Britain, Conn.	181	St. Louis, Mo.-Ill.*	221	Tyler, Tex.
142	New Haven, Conn.*	182	Salem, Oreg.	222	Utica-Rome, N.Y.
143	New London-Groton-Norwich, Conn.*	183	Salinas-Monterey, Calif.	223	Vallejo-Napa, Calif.
144	New Orleans, La.	184	Salt Lake City, Utah	224	Vineland-Millville-Bridgeton, N.J.
145	New York, N.Y.	185	San Angelo, Tex.	225	Waco, Tex.
146	Newark, N.J.*	186	San Antonio, Tex.	226	Washington, D.C.-Md.-Va.
147	Newport News-Hampton, Va.*	187	San Bernardino-Riverside- Ontario, Calif.	227	Waterbury, Conn.*
148	Norfolk-Portsmouth, Va.*	188	San Diego, Calif.	228	Waterloo, Iowa
149	Norwalk, Conn.*	189	San Francisco-Oakland, Calif.	229	West Palm Beach, Fla.
150	Odessa, Tex.	190	San Jose, Calif.	230	Wheeling, W. Va.-Ohio
151	Ogden, Utah	191	Santa Barbara, Calif.	231	Wichita, Kans.
152	Oklahoma City, Okla.	192	Santa Rosa, Calif.	232	Wichita Falls, Tex.*
153	Omaha, Nebr.-Iowa	193	Savannah, Ga.	233	Wilkes-Barre-Hazleton, Pa.
154	Orlando, Fla.	194	Scranton, Pa.	234	Wilmington, Del.-N.J.-Md.
155	Oxnard-Ventura, Calif.	195	Seattle-Everett, Wash.	235	Wilmington, N.C.
156	Paterson-Clifton-Passaic, N.J.	196	Sherman-Denison, Tex.	236	Worcester, Mass.*
157	Pensacola, Fla.	197	Shreveport, La.	237	York, Pa.
158	Peoria, Ill.	198	Sioux City, Iowa-Nebr.	238	Youngstown-Warren, Ohio*
159	Philadelphia, Pa.-N.J.	199	Sioux Falls, S. Dak.	239	Mayagüez, P.R.
160	Phoenix, Ariz.	200	South Bend, Ind.	240	Ponce, P.R.
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INTRODUCTION

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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."

Census tract comparability tables are not provided in this report because the area was tracted for the first time for 1970.

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	Olmsted County			Rochester								
	Total	Rochester	Balance	Tract 0001	Tract 0002	Tract 0003	Tract 0004	Tract 0005	Tract 0006	Tract 0007	Tract 0008	Tract 0010
RACE												
All persons	84 104	53 766	30 338	917	4 677	5 356	5 422	4 299	5 507	3 896	687	2 935
White	83 357	53 106	30 251	876	4 593	5 316	5 348	4 135	5 477	3 872	678	2 915
Negro	222	186	36	16	15	12	18	7	16	10	2	10
Percent Negro	0.3	0.3	0.1	1.7	0.3	0.2	0.3	0.2	0.3	0.3	0.3	0.3
AGE BY SEX												
Male, all ages												
Under 5 years	39 861	24 407	15 454	338	2 153	2 357	2 052	1 512	2 431	1 870	381	1 412
3 and 4 years	4 391	2 620	1 771	6	250	180	147	111	208	161	2	187
5 to 9 years	1 695	1 013	682	2	85	81	58	33	85	63	-	74
10 to 14 years	5 076	2 931	2 145	9	236	214	188	93	233	229	2	183
15 to 19 years	1 002	589	413	3	66	34	26	19	49	35	-	37
20 to 24 years	977	561	416	3	45	41	38	16	40	38	-	35
25 to 34 years	4 574	2 585	1 989	7	190	216	233	108	263	237	9	131
35 to 44 years	867	488	379	3	32	51	42	23	54	48	2	17
45 to 54 years	3 480	2 058	1 422	46	205	191	232	152	255	166	35	105
55 to 64 years	813	451	362	5	42	37	44	26	49	39	5	21
65 to 74 years	756	447	309	4	44	40	55	21	54	40	7	30
75 years and over	765	441	324	5	42	43	57	20	63	33	7	21
Under 5 years	641	399	242	17	42	38	39	45	54	23	9	20
5 to 9 years	505	320	185	15	35	33	37	40	35	31	7	13
10 to 14 years	2 301	1 561	740	24	159	183	99	227	185	98	32	88
15 to 19 years	408	282	126	4	26	37	20	47	41	26	12	17
20 to 24 years	351	247	104	4	29	39	17	37	25	17	8	11
25 to 34 years	6 315	4 036	2 279	43	348	309	229	240	295	221	39	304
35 to 44 years	4 522	2 795	1 727	37	194	199	232	135	233	220	23	162
45 to 54 years	3 653	2 286	1 367	44	180	236	275	120	324	214	61	118
55 to 64 years	1 482	899	583	28	83	124	115	61	106	109	42	39
65 to 74 years	1 260	824	436	26	75	123	108	79	112	81	43	27
75 years and over	1 725	1 080	645	46	132	229	116	115	128	80	51	39
Under 5 years	1 082	732	350	22	101	153	78	71	89	54	42	29
Female, all ages												
Under 5 years	44 243	29 359	14 884	579	2 524	2 999	3 370	2 787	3 076	2 026	306	1 523
3 and 4 years	4 075	2 451	1 624	7	237	195	137	82	196	154	1	182
5 to 9 years	1 698	997	641	2	98	73	60	30	73	64	-	74
10 to 14 years	4 812	2 766	2 046	5	208	223	202	111	209	210	2	176
15 to 19 years	877	530	347	3	40	53	38	15	40	36	-	38
20 to 24 years	907	583	404	3	38	43	48	22	48	51	-	35
25 to 34 years	4 307	2 493	1 814	10	165	223	236	101	255	216	5	160
35 to 44 years	1 786	1 036	750	3	35	43	43	24	43	46	1	27
45 to 54 years	4 012	2 787	1 225	115	218	227	495	405	289	213	24	106
55 to 64 years	749	464	285	1	41	43	48	28	53	43	4	19
65 to 74 years	728	426	302	6	32	46	59	23	52	43	3	23
75 years and over	698	413	285	1	45	24	38	22	51	49	3	22
Under 5 years	929	728	201	52	60	63	161	126	67	47	7	19
5 to 9 years	908	756	152	55	40	51	189	206	66	31	7	23
10 to 14 years	4 317	3 268	1 049	171	229	233	583	702	288	116	17	150
15 to 19 years	951	788	163	75	43	46	215	181	72	24	1	27
20 to 24 years	849	788	171	41	51	59	131	149	68	25	4	19
25 to 34 years	6 725	4 405	2 320	40	370	335	307	294	320	237	22	313
35 to 44 years	4 452	2 823	1 629	22	214	251	290	143	310	222	34	149
45 to 54 years	3 865	2 578	1 287	38	209	294	327	184	360	262	55	125
55 to 64 years	1 760	1 249	511	27	143	209	175	157	127	127	23	46
65 to 74 years	1 533	1 102	431	38	115	185	172	167	139	69	29	38
75 years and over	2 468	1 864	604	59	231	336	268	271	252	117	43	51
Persons per household	1 917	1 573	344	47	185	288	178	192	301	83	51	27
RELATIONSHIP TO HEAD OF HOUSEHOLD												
All persons	84 104	53 766	30 338	917	4 677	5 356	5 422	4 299	5 507	3 896	687	2 935
In households	81 521	51 257	30 264	716	4 577	5 140	4 776	4 084	5 212	3 896	6	2 927
Head of household	25 202	17 046	8 156	431	1 562	1 979	1 781	1 869	1 775	1 186	2	890
Head of family	19 860	12 485	7 375	127	1 162	1 336	1 110	798	1 326	1 023	2	771
Primary individual	5 342	4 561	781	304	400	643	671	1 071	449	163	-	119
Wife of head	18 125	11 204	6 921	90	1 001	1 145	978	640	1 123	939	2	711
Other relative of head	36 140	21 270	14 870	113	1 871	1 832	1 715	1 016	2 152	1 730	2	1 279
Not related to head	2 054	1 737	317	82	143	302	302	559	162	41	-	47
In group quarters	2 583	2 509	74	201	100	216	646	215	295	-	681	8
Persons per household	3.23	3.01	3.71	1.66	2.93	2.60	2.68	2.19	2.94	3.28	...	3.29
TYPE OF FAMILY AND NUMBER OF OWN CHILDREN												
All families	19 860	12 485	7 375	127	1 162	1 336	1 110	798	1 326	1 023	2	771
With own children under 18 years	12 517	7 638	4 879	32	634	643	581	324	710	583	2	492
Number of children	30 961	18 084	12 877	61	1 484	1 443	1 417	700	1 641	1 435	2	1 128
Husband-wife families	18 125	11 204	6 921	90	1 001	1 145	978	640	1 123	939	2	711
With own children under 18 years	11 689	7 026	4 663	25	571	544	541	276	612	537	2	454
Number of children	29 220	16 892	12 328	42	1 355	1 249	1 343	626	1 473	1 334	2	1 045
Percent of total under 18 years	92.0	91.4	93.0	63.6	88.4	84.2	93.0	83.9	87.4	91.7	4.0	90.5
Families with other male head	330	176	154	6	25	21	18	20	29	13	-	12
With own children under 18 years	102	61	41	1	6	8	6	6	8	5	-	8
Number of children	205	110	95	1	11	12	9	10	15	9	-	18
Families with female head	1 405	1 105	300	31	136	170	114	138	174	71	-	48
With own children under 18 years	726	551	175	6	57	91	34	42	90	41	-	30
Number of children	1 536	1 082	454	18	118	182	65	64	153	92	-	65
Percent of total under 18 years	4.8	5.9	3.4	27.3	7.7	12.3	4.5	8.6	9.1	6.3	-	5.6
Persons under 18 years	31 744	18 488	13 256	66	1 532	1 484	1 444	746	1 686	1 454	50	1 155
MARITAL STATUS												
Male, 14 years old and over												
Single	26 687	16 759	9 928	319	1 509	1 798	1 526	1 223	1 781	1 291	370	928
Married	6 990	4 413	2 577	154	405	449	447	460	523	299	239	177
Separated	18 677	11 639	7 038	101	1 036	1 228	1 025	681	1 167	957	88	718
Widowed	124	94	30	3	10	17	4	13	16	4	8	1
Divorced	552	360	192	31	42	67	31	36	48	19	21	19
Female, 14 years old and over	468	347	121	33	26	54	23	46	43	16	22	14
Single	31 835	22 085	9 750	560	1 949	2 401	2 838	2 517	2 459	1 492	299	1 032
Married	8 985	7 059	1 926	334	520	543	1 465	1 410	780	339	127	211
Separated	18 895	11 785	7 110	116	1 042	1 228	1 042	701	1 198	972	85	734
Widowed	201	150	51	10	15	16	10	25	22	8	4	7
Divorced	3 024	2 444	580	88	298	486	264	317	360	142	55	50
Persons per household	931	797	134	22	89	144	72	89	121	39	32	37

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	Rochester—Con.							Balance of Olmsted County				
	Tract 0011	Tract 0012	Tract 0013	Tract 0014	Tract 0015	Tract 0016	Tract 0017	Tract 0004	Tract 0005	Tract 0007	Tract 0009	Tract 0010
RACE												
All persons	698	1 133	2 560	3 936	6 465	4 286	992	—	89	478	6 657	9
White	691	1 131	2 540	3 892	6 410	4 261	971	—	89	476	6 617	9
Negro	2	1	7	24	24	9	13	—	—	—	24	—
Percent Negro	0.3	0.1	0.3	0.6	0.4	0.2	1.3	—	—	—	0.4	—
AGE BY SEX												
Male, all ages												
Under 5 years	346	558	1 286	1 931	3 244	2 066	470	—	33	243	3 410	5
3 and 4 years	38	57	179	320	450	213	111	—	1	21	493	—
5 to 9 years	9	25	80	121	181	84	32	—	1	6	191	—
5 years	38	55	244	317	571	255	64	—	—	45	523	1
6 years	9	10	51	73	110	50	17	—	—	10	102	—
10 to 14 years	8	16	51	63	118	36	13	—	—	10	102	1
14 years	22	75	177	196	453	253	15	—	3	33	432	1
15 to 19 years	6	23	30	33	71	52	4	—	—	4	76	1
15 years	26	53	88	86	199	209	10	—	1	24	261	—
16 years	7	10	25	22	62	53	4	—	—	5	53	—
17 years	3	16	20	23	39	50	1	—	1	1	64	—
18 years	7	12	11	16	44	57	3	—	—	7	54	—
19 years	8	6	15	14	36	32	1	—	—	7	49	—
20 to 24 years	1	9	17	11	18	17	4	—	—	4	41	—
20 years	55	41	40	118	92	88	32	—	7	11	204	—
21 years	5	5	5	12	13	12	2	—	—	2	29	—
22 years	7	4	7	13	13	13	3	—	—	1	29	—
25 to 34 years	61	89	268	490	658	267	175	—	15	25	622	1
35 to 44 years	43	62	172	230	522	309	22	—	4	29	369	1
45 to 54 years	35	60	68	93	198	246	14	—	2	24	241	—
55 to 59 years	6	16	12	26	48	80	4	—	—	12	94	—
60 to 64 years	8	28	21	18	21	51	3	—	—	4	57	—
65 to 74 years	8	16	9	15	25	64	7	—	—	11	85	1
75 years and over	6	6	8	22	7	31	13	—	—	4	29	—
Female, all ages												
Under 5 years	352	575	1 274	2 005	3 221	2 220	522	—	56	235	3 247	4
3 and 4 years	36	54	186	297	414	192	81	—	3	19	400	1
5 to 9 years	11	22	82	115	188	78	27	—	—	10	140	—
5 years	26	56	219	288	534	241	56	—	1	36	480	—
6 years	3	11	42	58	102	39	12	—	1	4	89	—
10 to 14 years	5	10	65	58	103	44	13	—	—	3	89	—
14 years	23	59	155	191	422	247	25	—	1	30	399	—
15 to 19 years	4	9	21	28	57	49	3	—	—	6	77	—
15 years	27	48	84	102	211	215	8	—	10	28	234	—
16 years	4	12	30	22	64	49	3	—	—	7	47	—
17 years	2	9	12	18	56	42	3	—	1	8	61	—
18 years	6	9	21	22	42	55	3	—	—	6	48	—
19 years	10	9	12	22	31	41	1	—	4	4	38	—
20 to 24 years	5	9	9	18	18	28	1	—	5	3	40	—
20 years	69	74	67	202	166	145	56	—	34	12	301	—
21 years	12	9	7	19	28	26	3	—	3	4	42	—
22 years	12	13	15	24	20	35	12	—	5	4	50	—
25 to 34 years	48	84	302	513	738	323	159	—	3	30	637	1
35 to 44 years	50	67	129	189	418	314	21	—	1	31	321	1
45 to 54 years	33	65	74	84	198	258	12	—	3	21	231	—
55 to 59 years	9	19	24	23	45	80	7	—	—	8	72	—
60 to 64 years	10	20	12	15	29	62	2	—	—	10	56	—
65 to 74 years	15	22	13	20	28	95	43	—	—	7	82	1
75 years and over	6	7	9	81	18	48	52	—	—	3	34	—
RELATIONSHIP TO HEAD OF HOUSEHOLD												
All persons	698	1 133	2 560	3 936	6 465	4 286	992	—	89	478	6 657	9
In households	698	1 133	2 560	3 811	6 454	4 286	981	—	84	470	6 657	9
Head of household	263	370	607	1 050	1 623	1 303	355	—	28	116	1 758	3
Head of family	189	286	582	931	1 506	1 086	250	—	6	105	1 624	3
Primary individual	74	84	25	119	117	217	105	—	22	11	154	—
Wife of head	171	260	559	874	1 451	1 024	234	—	4	91	1 542	3
Other relative of head	244	481	1 376	1 821	3 326	1 930	382	—	4	258	3 297	3
Not related to head	—	22	18	66	54	29	8	—	—	5	60	—
In group quarters	—	—	—	125	11	—	—	—	5	8	—	—
Persons per household	2.65	3.06	4.22	3.63	3.98	3.29	2.76	—	3.00	4.05	3.79	...
TYPE OF FAMILY AND NUMBER OF OWN CHILDREN												
All families	189	286	582	931	1 506	1 086	250	—	6	105	1 624	3
With own children under 18 years	101	176	486	734	1 251	716	173	—	5	68	1 184	2
Number of children	208	416	1 270	1 701	3 120	1 693	365	—	8	206	2 974	2
Husband-wife families	171	260	559	874	1 451	1 024	236	—	4	91	1 542	3
With own children under 18 years	91	160	474	691	1 202	681	165	—	3	63	1 124	2
Number of children	188	395	1 231	1 616	3 019	1 626	348	—	5	185	2 813	2
Percent of total under 18 years	88.7	93.2	96.2	93.3	95.8	95.3	95.1	—	45.5	84.9	92.1	...
Families with other male head	—	6	1	10	5	8	2	—	1	7	13	—
With own children under 18 years	—	1	—	5	5	2	—	—	1	1	5	—
Number of children	—	1	—	8	13	3	—	—	1	7	9	—
Families with female head	18	20	22	47	50	54	12	—	1	7	69	—
With own children under 18 years	10	15	12	38	44	33	8	—	1	4	55	—
Number of children	20	20	39	77	88	64	17	—	2	14	152	—
Percent of total under 18 years	9.4	4.7	3.0	4.4	2.8	3.7	4.6	—	18.2	6.4	5.0	—
Persons under 18 years	212	424	1 279	1 732	3 151	1 707	366	—	11	218	3 054	3
MARITAL STATUS												
Male, 14 years old and over												
Single	254	394	716	1 131	1 841	1 397	281	—	30	148	2 038	4
Married	68	116	142	201	359	339	35	—	19	48	433	1
Separated	177	266	564	898	1 458	1 037	238	—	7	96	1 556	3
Widowed	1	3	3	6	1	3	1	—	—	2	2	—
Divorced	3	1	8	14	8	8	4	—	—	4	22	—
	6	11	2	18	16	13	4	—	4	—	27	—
Female, 14 years old and over												
Single	271	415	735	1 257	1 908	1 589	363	—	51	156	2 045	3
Married	57	106	134	236	353	394	50	—	45	54	339	—
Separated	178	269	563	903	1 472	1 049	238	—	5	95	1 579	3
Widowed	4	6	—	8	7	7	1	—	—	1	12	—
Divorced	30	28	21	81	52	104	68	—	—	4	80	—
	6	12	17	37	31	42	7	—	1	3	47	—

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 Olmsted County—Con.											
	Tract 0011	Tract 0012	Tract 0013	Tract 0014	Tract 0015	Tract 0016	Tract 0017	Tract 0018	Tract 0019	Tract 0020	Tract 0021	Tract 0022
RACE												
All persons	1 676	2 011	19	331	143	2 104	286	1 419	3 945	4 814	2 802	3 555
White	1 673	2 006	19	328	143	2 093	286	1 417	3 940	4 809	2 795	3 551
Negro	-	5	-	-	-	3	-	-	1	-	1	2
Percent Negro	-	0.2	-	-	-	0.1	-	-	-	-	-	0.1
AGE BY SEX												
Male, all ages												
Under 5 years	825	1 028	10	178	74	1 093	142	688	2 030	2 489	1 374	1 832
3 and 4 years	74	95	-	23	15	147	21	86	182	238	167	208
5 to 9 years	25	34	-	7	4	38	7	34	81	97	68	89
10 to 14 years	122	115	2	18	14	140	21	126	265	311	214	228
15 to 19 years	18	28	-	7	4	19	6	26	54	52	38	49
20 to 24 years	21	20	-	5	3	25	2	22	51	58	48	47
25 to 29 years	123	177	3	3	4	106	19	62	274	348	158	225
30 to 34 years	33	29	1	3	2	22	3	8	50	72	24	50
35 to 39 years	93	137	1	24	6	78	13	51	179	279	108	167
40 to 44 years	26	40	-	8	5	21	4	14	52	67	23	44
45 to 49 years	20	37	-	5	-	17	1	10	37	61	20	35
50 to 54 years	22	35	-	4	-	17	3	13	40	69	28	32
55 to 59 years	12	20	-	6	-	16	2	8	32	41	21	28
60 to 64 years	13	5	1	1	1	7	3	6	18	41	16	28
65 to 69 years	24	15	-	6	1	98	2	28	90	101	63	90
70 to 74 years	5	6	-	-	-	16	-	4	21	22	6	15
75 years and over	5	4	-	-	-	14	-	2	14	13	7	15
25 to 34 years	106	121	-	21	20	182	27	149	269	250	231	240
35 to 44 years	124	159	2	18	11	126	16	75	217	254	140	182
45 to 54 years	86	115	2	19	3	101	8	43	196	262	95	170
55 to 59 years	30	35	-	5	-	41	5	28	96	106	54	77
60 to 64 years	13	25	-	7	-	27	5	10	87	100	36	65
65 to 74 years	18	24	-	14	-	33	4	17	109	153	59	117
75 years and over	12	10	-	2	-	14	1	13	66	87	49	63
Female, all ages												
Under 5 years	851	983	9	153	69	1 011	144	731	1 915	2 325	1 428	1 723
3 and 4 years	83	82	-	18	17	110	20	102	186	212	184	187
5 to 9 years	41	29	-	7	5	39	7	36	75	90	87	75
10 to 14 years	121	134	2	12	8	126	25	119	263	294	192	233
15 to 19 years	22	24	-	-	1	25	4	19	43	49	33	33
20 to 24 years	20	27	2	3	3	27	5	22	59	60	35	49
25 to 29 years	120	147	-	25	4	121	19	83	217	299	145	204
30 to 34 years	22	33	-	4	-	23	1	16	41	55	27	45
35 to 39 years	76	91	3	10	3	75	13	45	171	208	109	149
40 to 44 years	18	25	-	1	-	14	3	11	44	59	26	30
45 to 49 years	14	22	1	2	-	15	1	15	41	57	23	41
50 to 54 years	26	22	-	4	3	19	5	6	45	47	21	33
55 to 59 years	8	15	2	2	-	12	2	10	23	28	23	30
60 to 64 years	10	7	-	1	-	15	2	3	18	17	16	15
65 to 69 years	33	37	-	10	6	128	7	43	101	123	110	104
70 to 74 years	6	6	-	1	-	27	-	3	11	17	19	24
75 years and over	6	6	-	2	-	26	-	8	19	16	15	14
25 to 34 years	132	129	-	21	21	159	24	152	270	266	239	236
35 to 44 years	131	143	2	20	6	101	12	69	217	260	131	163
45 to 54 years	76	103	2	17	3	98	5	37	180	255	94	162
55 to 59 years	25	33	-	6	-	36	9	22	85	92	53	70
60 to 64 years	16	28	-	2	-	20	4	11	74	103	47	60
65 to 74 years	22	25	-	9	-	21	3	28	103	130	68	105
75 years and over	16	11	-	3	1	16	3	20	48	83	56	50
RELATIONSHIP TO HEAD OF HOUSEHOLD												
All persons	1 676	2 011	19	331	143	2 104	286	1 419	3 945	4 814	2 802	3 555
In households	1 676	2 011	19	331	143	2 080	286	1 419	3 945	4 791	2 802	3 541
Head of household	424	505	4	86	36	593	66	385	1 120	1 297	800	935
Head of family	397	473	4	82	35	534	61	348	997	1 148	687	871
Primary individual	27	32	-	4	1	59	5	37	123	149	113	64
Wife of head	381	460	4	81	35	505	58	334	929	1 060	633	801
Other relative of head	857	1 027	11	163	72	964	158	686	1 863	2 380	1 352	1 771
Not related to head	14	19	-	1	-	18	4	14	33	54	17	34
In group quarters	-	-	-	-	-	24	-	-	-	23	-	14
Persons per household	3.95	3.98	...	3.85	3.97	3.51	4.33	3.69	3.52	3.69	3.50	3.79
TYPE OF FAMILY AND NUMBER OF OWN CHILDREN												
All families	397	473	4	82	35	534	61	348	997	1 148	687	871
With own children under 18 years	290	339	3	51	32	332	44	256	605	693	443	532
Number of children	745	907	8	136	69	835	139	637	1 614	1 980	1 166	1 451
Husband-wife families	381	460	4	81	35	505	58	334	929	1 060	633	801
With own children under 18 years	279	330	3	51	32	318	44	247	583	655	415	514
Number of children	720	889	8	136	69	806	139	610	1 562	1 889	1 084	1 411
Percent of total under 18 years	93.6	95.5	100.0	96.5	98.6	94.5	97.9	94.3	94.9	91.6	90.3	94.1
Families with other male head	4	2	-	-	-	12	1	2	38	32	13	29
With own children under 18 years	4	1	-	-	-	6	-	1	4	9	3	6
Number of children	9	3	-	-	-	11	-	4	13	18	7	13
Families with female head	12	11	-	1	-	17	2	12	30	56	41	41
With own children under 18 years	7	8	-	-	-	8	-	8	18	29	25	12
Number of children	16	15	-	-	-	18	-	23	39	73	75	27
Percent of total under 18 years	2.1	1.6	-	-	-	2.1	-	3.6	2.4	3.5	6.2	1.8
Persons under 18 years	769	931	8	141	70	853	142	647	1 646	2 062	1 201	1 500
MARITAL STATUS												
Male, 14 years old and over												
Single	539	670	6	119	43	722	84	422	1 359	1 664	859	1 221
Married	145	193	2	34	8	180	22	76	361	507	191	357
Separated	384	464	4	83	35	515	61	336	950	1 087	640	817
Widowed	-	7	-	1	-	3	-	-	6	8	1	7
Divorced	5	6	-	1	-	14	1	4	35	48	17	34
	5	6	-	1	-	13	-	6	13	22	11	13
Female, 14 years old and over												
Single	549	653	7	102	40	677	81	443	1 290	1 575	934	1 144
Married	122	154	3	17	4	113	15	67	251	325	175	242
Separated	392	472	4	83	35	528	61	339	951	1 094	652	817
Widowed	4	5	-	-	-	6	-	1	6	6	6	4
Divorced	28	24	-	1	1	24	5	31	78	139	88	77
	7	3	-	1	-	12	-	6	10	17	19	8

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										
	Tract 0004	Tract 0005	Tract 0007	Tract 0010	Tract 0011	Tract 0012	Tract 0013	Tract 0014	Tract 0015	Tract 0016	Tract 0017
RACE											
All persons	5 422	4 388	4 374	2 944	2 374	3 144	2 579	4 267	6 608	6 390	1 278
White	5 348	4 224	4 348	2 924	2 364	3 137	2 559	4 220	6 553	6 354	1 257
Negro	18	7	10	10	2	6	7	24	24	12	13
Percent Negro	0.3	0.2	0.2	0.3	0.1	0.2	0.3	0.6	0.4	0.2	1.0
AGE BY SEX											
Male, all ages											
Under 5 years	2 052	1 545	2 113	1 417	1 171	1 586	1 296	2 109	3 318	3 159	612
3 and 4 years	147	112	182	187	112	152	179	343	465	360	132
5 to 9 years	58	34	69	74	34	59	80	128	185	122	39
10 to 14 years	188	93	274	184	160	170	246	335	585	395	85
15 to 19 years	26	19	45	37	27	38	51	80	114	69	23
20 to 24 years	38	16	48	36	29	36	51	68	121	62	15
25 to 34 years	233	111	270	132	145	252	180	217	457	359	34
35 to 44 years	42	24	52	18	39	52	31	36	73	74	4
45 to 54 years	232	153	190	105	119	190	89	110	205	287	23
55 to 64 years	44	26	44	21	33	50	25	30	67	74	8
65 to 74 years	55	22	41	30	23	53	20	28	39	67	2
75 years and over	57	20	40	21	29	47	11	20	44	74	6
	39	45	30	20	20	26	15	20	36	48	3
	37	40	35	13	14	14	18	12	19	24	4
	99	234	109	88	79	56	40	124	93	186	34
	20	47	28	17	10	11	5	12	13	28	-
	17	37	18	11	12	8	7	13	13	27	3
	229	255	246	305	167	210	268	511	678	449	202
	232	139	249	163	167	221	174	248	533	435	38
	275	122	238	118	121	175	70	112	201	347	22
	115	61	121	39	36	51	12	31	48	121	9
	108	79	85	27	21	53	21	25	21	78	8
	116	115	91	40	26	40	9	29	25	97	11
	78	71	58	29	18	16	8	24	7	45	14
Female, all ages											
Under 5 years	3 370	2 843	2 261	1 527	1 203	1 558	1 283	2 158	3 290	3 231	666
3 and 4 years	137	85	173	183	119	136	186	315	431	302	101
5 to 9 years	60	30	74	74	52	51	82	122	193	117	34
10 to 14 years	202	112	246	176	147	190	221	300	542	367	81
15 to 19 years	38	16	40	38	25	35	42	58	103	64	16
20 to 24 years	48	22	54	35	25	37	67	61	106	71	18
25 to 34 years	236	102	246	160	143	206	155	216	426	368	44
35 to 44 years	43	24	52	27	26	42	21	32	57	72	4
45 to 54 years	495	415	241	106	103	139	87	112	214	290	21
55 to 64 years	48	28	50	19	22	37	30	23	64	63	6
65 to 74 years	59	24	51	23	16	31	13	20	56	67	1
75 years and over	38	22	55	22	32	31	21	26	45	74	8
	161	130	51	19	18	24	14	24	31	53	3
	189	211	34	23	15	14	9	19	18	43	3
	583	736	128	150	102	111	67	212	172	273	63
	215	184	28	27	18	15	7	20	28	53	3
	131	154	29	19	18	19	15	26	20	61	12
	307	297	267	314	180	213	302	534	759	482	183
	290	144	253	150	181	230	131	209	424	415	33
	327	187	283	125	109	168	76	101	201	356	17
	175	135	135	46	34	52	24	29	45	116	16
	172	167	79	38	26	48	12	17	29	82	6
	268	271	124	52	37	47	13	29	28	116	46
	178	192	86	27	22	18	9	84	19	64	55
RELATIONSHIP TO HEAD OF HOUSEHOLD											
All persons	5 422	4 388	4 374	2 944	2 374	3 144	2 579	4 267	6 608	6 390	1 278
In households	4 776	4 168	4 366	2 936	2 374	3 144	2 579	4 142	6 597	6 366	1 267
Head of household	1 781	1 897	1 302	893	687	875	611	1 136	1 659	1 896	421
Head of family	1 110	804	1 128	774	586	759	586	1 013	1 541	1 620	311
Primary individual	671	1 093	174	119	101	116	25	123	1 118	1 276	110
Wife of head	978	644	1 030	714	552	720	563	955	1 486	1 529	294
Other relative of head	1 715	1 024	1 988	1 282	1 101	1 508	1 307	1 984	3 398	2 894	540
Not related to head	302	603	46	47	34	41	18	67	54	47	12
In group quarters	646	220	8	8	-	-	-	125	11	24	11
Persons per household	2.68	2.20	3.35	3.29	3.46	3.59	4.22	3.65	3.98	3.36	3.01
TYPE OF FAMILY AND NUMBER OF OWN CHILDREN											
All families	1 110	804	1 128	774	586	759	586	1 013	1 541	1 620	311
With own children under 18 years	581	329	651	494	391	515	489	785	1 283	1 048	217
Number of children	1 417	708	1 641	1 130	953	1 323	1 278	1 837	3 189	2 528	504
Husband-wife families	978	644	1 030	714	552	720	563	955	1 486	1 529	294
With own children under 18 years	541	279	600	456	370	490	477	742	1 234	999	209
Number of children	1 343	631	1 519	1 047	908	1 284	1 239	1 752	3 088	2 432	487
Percent of total under 18 years	93.0	83.4	90.8	90.4	92.6	94.8	96.3	93.5	95.9	95.0	95.9
Families with other male head	18	21	20	12	4	2	1	10	5	20	3
With own children under 18 years	6	7	6	8	4	8	-	5	5	8	-
Number of children	9	11	16	18	9	4	-	8	13	14	-
Families with female head	114	139	78	48	30	31	22	48	50	71	14
With own children under 18 years	34	43	45	30	17	23	12	38	44	41	8
Number of children	65	66	106	65	36	35	39	77	88	82	17
Percent of total under 18 years	4.5	8.7	6.3	5.6	3.7	2.6	3.0	4.1	2.7	3.2	3.3
Persons under 18 years	1 444	757	1 672	1 158	981	1 355	1 287	1 873	3 221	2 560	508
MARITAL STATUS											
Male, 14 years old and over											
Single	1 526	1 253	1 439	932	793	1 064	722	1 250	1 884	2 119	365
Married	447	479	347	178	213	309	144	235	367	519	57
Separated	1 025	688	1 053	721	561	730	568	981	1 493	1 552	299
Widowed	4	13	6	1	1	3	3	7	1	6	1
Divorced	31	36	23	19	8	8	8	15	8	22	5
	23	50	16	14	11	17	2	19	16	26	4
Female, 14 years old and over											
Single	2 838	2 568	1 648	1 035	820	1 068	742	1 359	1 948	2 266	444
Married	1 465	1 455	393	211	179	260	137	253	357	507	65
Separated	1 037	706	1 067	737	570	741	567	986	1 507	1 577	299
Widowed	10	25	9	7	8	11	8	7	7	13	1
Divorced	264	317	146	50	58	52	21	82	53	128	73
	72	90	42	37	13	15	17	38	31	54	7

Table P-2. Social Characteristics of the 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

	Olmsted County			Rochester								
	Total	Rochester	Balance	Tract 0001	Tract 0002	Tract 0003	Tract 0004	Tract 0005	Tract 0006	Tract 0007	Tract 0008	Tract 0010
NATIVITY, PARENTAGE, & COUNTRY OF ORIGIN												
All persons	84 104	53 766	30 338	873	4 721	5 244	5 422	4 299	5 507	3 896	799	2 990
Native of native parentage.....	73 799	46 360	27 439	714	3 772	4 396	4 516	3 535	4 598	3 360	667	2 700
Native of foreign or mixed parentage.....	8 410	5 850	2 560	124	710	756	658	537	822	426	108	238
Foreign born.....	1 895	1 556	339	35	239	92	248	227	87	110	24	52
Foreign stock	10 305	7 406	2 899	159	949	848	906	764	909	536	132	290
United Kingdom.....	752	504	248	8	34	29	140	27	59	26	24	—
Ireland (Eire).....	351	245	106	16	38	—	26	31	39	16	—	—
Sweden.....	523	387	136	5	44	27	37	19	85	33	7	13
Germany.....	2 962	1 953	1 009	17	305	320	125	220	358	128	58	82
Poland.....	198	150	48	—	—	33	17	14	—	21	—	7
Czechoslovakia.....	160	122	38	7	14	11	12	15	7	—	—	14
Austria.....	127	106	21	5	19	—	6	22	—	—	—	—
Hungary.....	38	38	—	—	—	8	—	—	8	7	—	8
U.S.S.R.....	187	123	64	—	21	16	—	15	13	—	—	7
Italy.....	169	140	29	6	—	—	22	—	14	12	—	14
Canada.....	1 033	772	261	28	42	31	210	43	113	83	7	15
Mexico.....	89	89	—	—	—	—	10	—	—	—	—	36
Cuba.....	15	15	—	—	—	—	5	—	—	—	—	—
Other America.....	229	199	30	9	101	52	—	—	—	—	—	—
All other and not reported.....	3 472	2 563	909	58	331	321	296	358	213	210	36	94
Persons of Spanish language ¹	588	504	84	4	94	66	38	23	—	22	—	42
Other persons of Spanish surname ¹	—	—	—	—	—	—	—	—	—	—	—	—
Persons of Spanish mother tongue.....	401	333	68	4	80	66	38	15	—	15	—	36
Persons of Puerto Rican birth or parentage.....	—	—	—	—	—	—	—	—	—	—	—	—
SCHOOL ENROLLMENT												
Enrolled persons, 3 to 34 years old	25 707	15 655	10 052	262	1 202	1 199	1 900	920	1 474	1 251	63	984
Nursery school.....	509	416	93	—	53	5	51	6	51	23	—	44
Public.....	69	60	9	—	—	5	24	—	5	14	—	—
Kindergarten.....	1 939	1 187	752	13	113	142	42	33	104	97	—	91
Public.....	1 903	1 162	741	13	106	142	42	33	92	97	—	91
Elementary.....	14 790	8 390	6 400	47	606	637	707	316	679	707	15	580
Public.....	13 494	7 342	6 152	47	464	580	581	212	475	611	15	561
High school.....	5 735	3 343	2 392	36	285	243	484	207	502	309	9	203
Public.....	5 228	2 924	2 304	36	229	215	378	122	449	287	9	203
College.....	2 734	2 319	415	166	145	172	616	358	138	115	39	66
Percent enrolled in school by age:												
16 and 17 years.....	92.8	90.5	96.3	...	79.4	82.1	94.7	76.6	99.9	99.9	72.7	91.2
18 and 19 years.....	55.5	57.5	50.0	59.8	50.0	58.3	72.2	50.9	39.8	58.1	86.5	77.6
20 and 21 years.....	27.9	33.7	6.2	67.6	27.9	22.1	66.2	27.9	22.2	27.8	...	10.2
22 to 24 years.....	9.5	11.4	5.0	43.3	6.6	10.2	28.1	12.4	12.8	16.1	—	—
25 to 34 years.....	5.9	7.1	3.7	10.1	7.3	4.8	16.4	10.5	7.0	3.3	—	7.4
Percent 16 to 21 years not high school graduates and not enrolled in school.....	5.1	4.4	6.8	4.7	5.9	6.6	1.7	3.0	3.9	2.8	33.7	7.2
YEARS OF SCHOOL COMPLETED												
Persons, 25 years old and over	42 760	28 263	14 497	522	2 569	3 168	2 875	2 207	3 140	2 101	660	1 485
No school years completed.....	98	73	25	5	5	5	5	—	13	—	—	—
Elementary, 1 to 4 years.....	332	260	72	25	21	51	10	18	58	5	38	6
5 to 7 years.....	1 664	998	666	53	132	191	49	163	151	33	54	42
8 years.....	6 458	3 509	2 949	108	376	658	178	348	580	305	238	179
High school, 1 to 3 years.....	4 170	2 495	1 675	74	282	381	115	296	330	297	85	96
4 years.....	15 312	9 727	5 585	115	854	1 166	642	598	1 069	844	155	546
College, 1 to 3 years.....	7 030	5 107	1 923	70	390	434	685	400	461	339	42	218
4 years or more.....	7 696	6 094	1 602	72	509	282	1 191	384	478	278	48	398
Median school years completed.....	12.6	12.7	12.3	11.8	12.5	12.3	14.9	12.5	12.4	12.5	9.0	12.8
Percent high school graduates.....	70.2	74.0	62.8	49.2	68.2	59.4	87.6	62.6	63.9	69.5	37.1	78.2
CHILDREN EVER BORN												
Women, 35 to 44 years old ever married	4 272	2 616	1 656	36	164	209	261	95	244	193	6	163
Children ever born.....	14 819	8 582	6 237	85	599	653	953	316	936	641	12	531
Per 1,000 women ever married.....	3 469	3 281	3 766	2 361	3 652	3 124	3 651	3 326	3 836	3 321	...	3 258
RESIDENCE IN 1965												
Persons, 5 years old and over, 1970²	75 665	48 712	26 953	860	4 237	4 880	5 140	4 112	5 105	3 583	789	2 620
Same house as in 1970.....	37 155	22 248	14 907	305	2 222	2 559	2 435	1 581	2 771	2 321	219	855
Different house.....	38 510	26 464	12 046	555	2 015	2 321	2 705	2 531	2 334	1 262	570	1 765
In central city of this SMSA.....	12 005	9 036	2 969	78	734	882	895	712	851	543	14	777
In other part of this SMSA.....	5 002	1 944	3 058	12	161	530	67	171	132	111	32	162
Outside this SMSA.....	17 962	12 881	5 081	346	845	775	1 370	1 200	1 140	529	127	785
North and West.....	16 652	11 828	4 824	335	737	697	1 229	1 106	1 095	486	127	709
South.....	1 310	1 053	257	11	108	78	141	94	45	43	—	76
Abroad.....	980	743	237	23	108	12	139	195	48	36	8	27
MEANS OF TRANSPORTATION AND PLACE OF WORK												
All workers	34 143	22 776	11 367	413	1 937	2 256	2 154	2 516	2 538	1 675	61	1 181
Private auto, Driver.....	22 169	14 575	7 594	120	1 344	1 333	963	841	1 618	1 157	36	854
Passenger.....	3 798	2 743	1 055	12	220	337	179	187	375	261	—	139
Bus or streetcar.....	670	648	22	13	58	128	19	73	88	89	—	40
Subway, elevated train, or railroad.....	—	—	—	—	—	—	—	—	—	—	—	—
Walked to work.....	4 130	3 595	535	254	200	369	942	1 195	225	74	25	56
Worked at home.....	2 455	670	1 785	—	58	18	31	149	169	65	—	29
Other.....	921	545	376	14	57	71	20	71	63	29	—	63
Inside SMSA.....	30 693	20 511	10 182	276	1 791	1 982	1 921	2 257	2 330	1 565	46	1 114
Rochester city.....	27 634	20 206	7 428	270	1 719	1 933	1 921	2 208	2 318	1 546	46	1 106
Remainder of Olmsted County.....	3 059	305	2 754	6	72	49	—	49	12	19	—	8
Outside SMSA.....	1 333	606	727	30	55	62	91	75	79	17	7	54
Place of work not reported.....	2 117	1 659	458	107	91	212	142	184	129	93	8	13

¹See text for definition. ²Includes "Moved, 1965 residence not reported."

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	Rochester—Con.							Balance of Olmsted County				
	Tract 0011	Tract 0012	Tract 0013	Tract 0014	Tract 0015	Tract 0016	Tract 0017	Tract 0004	Tract 0005	Tract 0007	Tract 0009	Tract 0010
NATIVITY, PARENTAGE, & COUNTRY OF ORIGIN												
All persons	780	996	2 560	3 908	6 465	4 286	1 020	—	92	436	6 426	21
Native of native parentage	682	919	2 377	3 622	5 901	3 762	839	—	84	368	5 842	—
Native of foreign or mixed parentage	78	66	108	234	395	440	150	—	8	68	525	—
Foreign born	20	11	75	52	169	84	31	—	—	—	59	—
Foreign stock	98	77	183	286	564	524	181	—	8	68	584	—
United Kingdom	—	—	21	51	33	52	—	—	—	7	27	—
Ireland (Eire)	—	—	—	20	30	7	22	—	—	—	22	—
Sweden	—	—	—	25	48	37	7	—	—	—	30	—
Germany	20	10	18	34	102	111	45	—	—	7	173	—
Poland	—	7	25	—	13	—	13	—	—	7	—	—
Czechoslovakia	—	6	—	5	31	—	—	—	—	—	7	—
Austria	—	19	—	5	24	6	—	—	—	—	—	—
Hungary	—	—	—	—	7	—	—	—	—	—	—	—
U.S.S.R.	—	—	7	7	7	—	30	—	—	—	19	—
Italy	36	—	—	7	14	15	—	—	—	8	6	—
Canada	—	18	29	—	64	54	35	—	—	—	72	—
Mexico	—	—	—	—	36	7	—	—	—	—	—	—
Cuba	—	—	4	—	—	—	6	—	—	—	—	—
Other America	—	—	8	—	—	29	—	—	—	—	—	—
All other and not reported	42	17	71	132	162	199	23	—	8	39	198	—
Persons of Spanish language ¹	—	18	64	10	36	87	—	—	—	—	30	—
Other persons of Spanish surname ¹	—	—	—	—	—	—	—	—	—	—	—	—
Persons of Spanish mother tongue	—	12	11	5	15	36	—	—	—	—	30	—
Persons of Puerto Rican birth or parentage	—	—	—	—	—	—	—	—	—	—	—	—
SCHOOL ENROLLMENT												
Enrolled persons, 3 to 34 years old	201	254	937	1 158	2 285	1 397	168	—	—	141	2 099	—
Nursery school	7	—	6	29	69	72	—	—	—	7	13	—
Public	—	—	6	6	—	—	—	—	—	—	—	—
Kindergarten	—	—	118	128	219	72	15	—	—	—	176	—
Public	—	—	112	128	219	72	15	—	—	—	176	—
Elementary	126	142	607	764	1 569	797	91	—	—	74	1 402	—
Public	94	142	578	746	1 384	761	91	—	—	74	1 284	—
High school	44	98	131	119	304	369	—	—	—	60	346	—
Public	44	98	107	113	265	369	—	—	—	60	309	—
College	24	14	75	118	124	87	62	—	—	—	162	—
Percent enrolled in school by age:												
16 and 17 years	...	99.9	58.7	70.4	89.0	97.9	—	—	—	...	90.6	—
18 and 19 years	61.7	99.9	77.0	39.5	22.6	63.8	—	—	—	...	57.2	—
20 and 21 years	17.6	—	23.1	8.3	27.5	30.2	—	—	—	—	13.5	—
22 to 24 years	12.2	—	15.5	12.8	3.1	2.7	—	—	—	—	8.4	—
25 to 34 years	—	10.4	5.3	4.5	6.8	1.2	20.9	—	—	—	5.4	—
Percent 16 to 21 years not high school graduates and not enrolled in school	4.9	4.3	—	11.1	3.6	2.8	—	—	—	—	4.4	—
YEARS OF SCHOOL COMPLETED												
Persons, 25 years old and over	342	534	1 086	1 802	2 998	2 235	539	—	26	227	2 874	—
No school years completed	—	—	11	15	5	9	—	—	—	—	—	—
Elementary: 1 to 4 years	—	—	8	10	10	—	—	—	—	5	—	—
5 to 7 years	14	10	10	37	—	59	—	—	—	22	135	—
8 years	37	90	45	95	93	118	61	—	—	33	430	—
High school: 1 to 3 years	34	73	109	79	97	115	32	—	—	10	431	—
4 years	101	216	558	826	1 187	763	87	—	11	92	1 308	—
College: 1 to 3 years	66	59	179	375	798	442	149	—	9	39	298	—
4 years or more	90	86	166	365	808	729	210	—	6	26	272	—
Median school years completed	12.9	12.4	12.6	12.8	13.4	13.4	14.8	—	13.7	12.5	12.3	—
Percent high school graduates	75.1	67.6	83.1	86.9	93.2	86.5	82.7	—	100.0	69.2	65.3	—
CHILDREN EVER BORN												
Women, 35 to 44 years old ever married	58	70	178	195	432	302	10	—	—	17	291	—
Children ever born	169	218	633	538	1 294	959	45	—	—	40	1 038	—
Per 1,000 women ever married	2 914	3 114	3 556	2 759	2 995	3 175	...	—	—	...	3 567	—
RESIDENCE IN 1965												
Persons, 5 years old and over, 1970 ²	701	893	2 196	3 322	5 594	3 876	804	—	77	394	5 573	—
Some house as in 1970	196	555	980	1 201	2 140	1 831	77	—	—	228	2 770	—
Different house:												
In central city of this SMSA	112	70	317	778	1 185	888	200	—	7	107	914	—
In other part of this SMSA	—	10	177	131	112	115	21	—	8	21	315	—
Outside this SMSA	329	190	626	1 125	2 092	955	447	—	46	38	1 311	—
North and West	317	144	580	1 011	1 965	891	399	—	46	38	1 246	—
South	12	46	46	114	127	64	48	—	—	—	65	—
Abroad	—	15	9	23	18	40	42	—	7	—	103	—
MEANS OF TRANSPORTATION AND PLACE OF WORK												
All workers	407	475	1 016	1 691	2 292	1 871	293	—	69	134	2 570	—
Private auto: Driver	281	321	768	1 371	1 954	1 374	240	—	69	84	1 996	—
Passenger	54	92	146	256	187	291	7	—	—	—	325	—
Bus or streetcar	14	—	—	5	41	68	12	—	—	—	6	—
Subway, elevated train, or railroad	—	—	—	—	—	—	—	—	—	—	—	—
Walked to work	52	32	11	46	33	73	8	—	—	—	54	—
Worked at home	—	11	36	13	36	35	20	—	—	32	115	—
Other	6	19	55	—	41	30	6	—	—	18	74	—
Inside SMSA	367	444	775	1 572	2 081	1 697	293	—	69	115	2 390	—
Rochester city	351	424	758	1 560	2 081	1 672	293	—	69	115	2 272	—
Remainder of Olmsted County	16	20	17	12	—	25	—	—	—	—	118	—
Outside SMSA	—	—	29	16	53	38	—	—	—	—	67	—
Place of work not reported	40	31	212	103	158	136	—	—	—	12	113	—

¹See text for definition. ²Includes "Moved, 1965 residence not reported."

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

Balance of Olmsted County—Con.

	Tract 0011	Tract 0012	Tract 0013	Tract 0014	Tract 0015	Tract 0016	Tract 0017	Tract 0018	Tract 0019	Tract 0020	Tract 0021	Tract 0022
NATIVITY, PARENTAGE, & COUNTRY OF ORIGIN												
All persons	1 769	1 940	71	373	155	2 124	288	1 362	4 000	4 863	2 818	3 600
Native of native parentage	1 495	1 768	65	373	143	1 979	228	1 252	3 572	4 386	2 560	3 303
Native of foreign or mixed parentage	233	115	6	—	12	125	54	86	386	433	235	274
Foreign born	41	57	—	—	—	20	6	24	42	44	23	23
Foreign stock	274	172	6	—	12	145	60	110	428	477	258	297
United Kingdom	15	48	—	—	—	6	9	20	—	44	6	66
Ireland (Eire)	—	7	6	—	—	27	22	—	8	14	—	—
Sweden	5	7	—	—	6	15	—	—	25	24	—	24
Germany	45	54	—	—	—	41	15	38	181	231	122	102
Poland	29	—	—	—	—	—	—	—	6	6	—	—
Czechoslovakia	8	—	—	—	—	8	—	—	7	8	—	—
Austria	14	—	—	—	—	—	—	—	7	—	—	—
Hungary	—	—	—	—	—	—	—	—	—	—	—	—
U.S.S.R.	—	5	—	—	—	—	—	—	—	7	33	—
Italy	7	—	—	—	—	—	—	—	—	8	—	—
Canada	—	27	—	—	—	26	14	—	69	41	6	6
Mexico	—	—	—	—	—	—	—	—	—	—	—	—
Cuba	—	—	—	—	—	—	—	—	—	—	—	—
Other America	—	—	—	—	—	—	—	—	—	—	—	—
All other and not reported	151	24	—	—	6	22	—	52	125	94	91	99
Persons of Spanish language ¹	—	16	—	—	—	15	—	—	—	23	—	—
Other persons of Spanish surname ¹	—	—	—	—	—	—	—	—	—	—	—	—
Persons of Spanish mother tongue	—	8	—	—	—	7	—	—	—	23	—	—
Persons of Puerto Rican birth or parentage	—	—	—	—	—	—	—	—	—	—	—	—
SCHOOL ENROLLMENT												
Enrolled persons, 3 to 34 years old	715	752	47	186	35	587	89	387	1 296	1 661	908	1 143
Nursery school	10	9	—	5	5	—	—	—	6	—	38	—
Public	—	9	—	—	—	—	—	—	—	—	—	—
Kindergarten	27	58	—	—	—	46	6	33	90	142	71	97
Public	—	58	—	—	—	41	6	33	90	142	71	91
Elementary	485	374	23	120	19	386	61	271	842	1 010	578	755
Public	471	340	6	108	19	374	61	271	825	1 005	566	748
High school	181	275	18	36	6	114	15	53	334	454	221	279
Public	172	263	—	36	6	114	9	53	334	448	221	279
College	12	36	6	25	5	41	7	30	24	55	—	12
Percent enrolled in school by age:												
16 and 17 years	85.7	99.9	...	...	...	85.0	...	59.4	99.3	93.9	99.9	92.4
18 and 19 years	42.9	56.3	...	...	...	50.0	...	...	50.0	51.6	37.7	24.8
20 and 21 years	—	—	—	—	—	7.4	—	—	9.7	9.0	—	—
22 to 24 years	—	—	—	—	—	5.0	—	—	4.4	7.8	—	4.6
25 to 34 years	4.8	7.7	—	—	—	3.8	10.9	7.0	—	4.2	—	—
Percent 16 to 21 years not high school graduates and not enrolled in school	5.8	4.1	—	10.4	—	10.8	—	—	9.1	9.1	10.5	4.0
YEARS OF SCHOOL COMPLETED												
Persons, 25 years old and over	807	975	28	179	55	1 021	152	671	1 961	2 418	1 340	1 755
No school years completed	—	—	—	—	—	—	—	—	—	9	—	16
Elementary:												
1 to 4 years	—	12	—	4	—	7	—	—	25	9	—	10
5 to 7 years	19	33	5	—	—	38	9	15	122	118	60	90
8 years	63	63	—	20	—	158	27	109	607	652	196	591
High school:												
1 to 3 years	37	35	—	8	—	137	24	52	215	353	138	235
4 years	306	210	23	96	22	388	70	284	678	903	607	579
College:												
1 to 3 years	172	191	—	42	18	159	12	126	198	287	224	148
4 years or more	210	431	—	9	15	134	10	85	116	87	115	86
Median school years completed	12.9	15.1	12.4	12.6	13.9	12.4	12.2	12.6	12.0	12.1	12.5	11.2
Percent high school graduates	85.3	85.3	82.1	82.1	100.0	66.7	60.5	73.8	50.6	52.8	70.6	46.3
CHILDREN EVER BORN												
Women, 35 to 44 years old ever married	127	165	4	24	10	97	6	54	209	306	168	178
Children ever born	484	616	16	96	24	369	36	154	782	1 166	611	805
Per 1,000 women ever married	3 811	3 733	...	...	...	3 804	...	2 852	3 742	3 810	3 637	4 522
RESIDENCE IN 1965												
Persons, 5 years old and over, 1970 ²	1 586	1 751	71	368	103	1 864	252	1 166	3 609	4 425	2 512	3 186
Same house as in 1970	799	997	71	216	29	749	118	541	2 368	2 738	1 183	2 100
Different house:												
In central city of this SMSA	279	330	—	50	—	404	53	136	257	178	48	206
In other part of this SMSA	78	107	—	73	—	195	25	154	642	547	384	509
Outside this SMSA	384	169	—	29	74	429	56	324	292	873	793	247
North and West	299	134	—	29	67	429	56	280	292	864	787	241
South	85	35	—	—	7	—	—	44	—	9	6	6
Abroad	20	37	—	—	—	27	—	—	10	—	20	13
MEANS OF TRANSPORTATION AND PLACE OF WORK												
All workers	554	694	35	135	35	931	111	437	1 460	1 794	1 054	1 349
Private auto:												
Driver	439	591	12	81	29	605	91	344	883	809	669	887
Passenger	71	37	—	7	—	145	15	16	64	191	115	69
Bus or streetcar	—	—	—	—	—	—	—	—	16	—	—	—
Subway, elevated train, or railroad	—	—	—	—	—	—	—	—	—	—	—	—
Walked to work	8	—	—	34	—	11	—	14	44	140	214	16
Worked at home	7	46	23	13	6	117	5	28	419	600	35	339
Other	29	20	—	—	—	53	—	35	34	54	21	38
Inside SMSA												
Rochester city	496	637	35	135	26	857	111	423	1 318	1 315	1 007	1 243
Remainder of Olmsted County	496	637	35	71	26	825	111	282	807	449	501	727
Outside SMSA	13	4	—	64	—	32	—	141	511	866	506	516
Place of work not reported	45	53	—	—	—	65	—	—	45	90	—	35

¹See text for definition. ²Includes "Moved, 1965 residence not reported."

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										
	Tract 0004	Tract 0005	Tract 0007	Tract 0010	Tract 0011	Tract 0012	Tract 0013	Tract 0014	Tract 0015	Tract 0016	Tract 0017
NATIVITY, PARENTAGE, & COUNTRY OF ORIGIN											
All persons	5 422	4 391	4 332	3 011	2 549	2 936	2 631	4 281	6 620	6 410	1 308
Native of native parentage	4 516	3 619	3 728	2 721	2 177	2 687	2 442	3 995	6 044	5 741	1 067
Native of foreign or mixed parentage	658	545	494	238	311	181	114	234	407	565	204
Foreign born	248	227	110	52	61	68	75	52	169	104	37
Foreign stock											
United Kingdom	140	27	33	—	15	48	21	51	33	58	9
Ireland (Eire)	26	31	16	—	—	7	6	20	30	34	44
Sweden	37	19	33	13	5	7	—	25	54	52	70
Germany	125	220	135	82	65	64	18	34	102	152	13
Poland	17	14	28	7	29	7	25	—	13	8	—
Czechoslovakia	12	15	—	14	8	6	—	5	31	6	—
Austria	6	22	—	—	14	19	—	5	24	7	—
Hungary	—	—	7	8	—	—	—	—	—	—	—
U.S.S.R.	—	15	—	—	—	5	7	—	—	—	30
Italy	22	—	20	14	43	—	—	7	14	15	—
Canada	210	43	83	15	—	45	29	—	64	80	49
Mexico	10	—	—	36	—	—	—	—	36	7	—
Cuba	5	—	—	—	—	—	4	—	—	—	6
Other America	—	—	—	—	—	—	8	—	—	29	—
All other and not reported	296	366	249	94	193	41	71	132	168	221	23
Persons of Spanish language ¹	38	23	22	42	—	34	64	10	36	102	—
Other persons of Spanish surname	—	—	—	—	—	—	—	—	—	—	—
Persons of Spanish mother tongue	38	15	15	36	—	20	11	5	15	43	—
Persons of Puerto Rican birth or parentage	—	—	—	—	—	—	—	—	—	—	—
SCHOOL ENROLLMENT											
Enrolled persons, 3 to 34 years old	1 900	920	1 392	990	916	1 006	984	1 344	2 320	1 984	257
Nursery school	51	6	30	44	17	9	6	34	74	72	—
Public	24	—	14	—	—	9	6	—	—	—	—
Kindergarten	42	33	97	97	27	58	118	128	219	118	21
Public	42	33	97	97	27	58	112	128	219	113	—
Elementary	707	316	781	580	611	516	630	884	1 588	1 183	152
Public	581	212	685	561	565	482	584	854	1 403	1 135	152
High school	484	207	369	203	225	373	149	155	310	483	15
Public	378	122	347	203	216	361	107	149	271	483	9
College	616	358	115	66	36	50	81	143	129	128	69
Percent enrolled in school by age:											
16 and 17 years	94.7	76.6	99.9	91.2	82.0	99.9	63.8	79.2	90.5	94.9	...
18 and 19 years	72.2	48.6	58.5	77.6	54.7	71.2	82.9	54.9	27.3	59.1	—
20 and 21 years	66.2	27.4	25.3	10.2	9.2	—	23.1	8.3	27.5	21.3	—
22 to 24 years	28.1	11.8	15.0	—	10.7	—	15.5	12.4	2.9	3.8	—
25 to 34 years	16.4	10.0	3.1	7.3	3.3	8.5	5.3	4.4	6.7	2.2	19.2
Percent 16 to 21 years not high school graduates and not enrolled in school	1.7	2.9	2.5	7.2	5.4	4.2	—	10.9	3.5	5.4	—
YEARS OF SCHOOL COMPLETED											
Persons, 25 years old and over	2 875	2 233	2 328	1 493	1 149	1 509	1 114	1 981	3 053	3 256	691
No school years completed	5	—	—	—	—	—	11	15	5	9	—
Elementary: 1 to 4 years	10	18	10	6	—	12	8	14	10	7	—
5 to 7 years	49	163	55	42	33	43	15	37	—	97	9
8 years	178	348	338	179	100	153	45	115	93	276	88
High school: 1 to 3 years	115	296	307	96	71	108	109	87	97	252	56
4 years	642	609	936	554	407	426	581	922	1 209	1 151	157
College: 1 to 3 years	685	409	378	218	238	250	179	417	816	601	161
4 years or more	1 191	390	304	398	300	517	166	374	823	863	220
Median school years completed	14.9	12.5	12.5	12.8	12.9	13.2	12.6	12.8	13.4	12.9	13.7
Percent high school graduates	87.6	63.1	69.5	78.4	82.2	79.1	83.1	86.5	93.3	80.3	77.9
CHILDREN EVER BORN											
Women, 35 to 44 years old ever married	261	95	210	163	185	235	182	219	442	399	16
Children ever born	953	316	681	531	653	834	649	634	1 318	1 328	81
Per 1,000 women ever married	3 651	3 326	3 243	3 258	3 530	3 549	3 566	2 895	2 982	3 328	...
RESIDENCE IN 1965											
Persons, 5 years old and over, 1970 ²	5 140	4 189	3 977	2 636	2 287	2 644	2 267	3 690	5 697	5 740	1 056
Same house as in 1970	2 435	1 581	2 549	855	995	1 552	1 051	1 417	2 169	2 580	195
Different house:											
In central city of this SMSA	895	719	650	777	391	400	317	828	1 185	1 292	253
In other part of this SMSA	67	179	132	162	78	117	177	204	112	310	46
Outside this SMSA	1 370	1 246	567	801	713	359	626	1 154	2 166	1 384	503
North and West	1 229	1 152	524	725	616	278	580	1 040	2 032	1 320	455
South	141	94	43	76	97	81	46	114	134	64	48
Abroad	139	202	36	27	20	52	9	23	18	67	42
MEANS OF TRANSPORTATION AND PLACE OF WORK											
All workers	2 154	2 585	1 809	1 186	961	1 169	1 051	1 826	2 327	2 802	404
Private auto: Driver	963	910	1 241	859	720	912	780	1 452	1 983	1 979	331
Passenger	179	187	261	139	125	129	146	263	187	436	22
Bus or streetcar	19	73	89	40	14	—	—	5	41	68	12
Subway, elevated train, or railroad	—	—	—	—	—	—	—	—	—	—	—
Walked to work	942	1 195	74	56	60	32	11	80	33	84	8
Worked at home	31	149	97	29	7	57	59	26	42	152	25
Other	20	71	47	63	35	39	55	—	41	83	6
Inside SMSA	1 921	2 326	1 680	1 119	863	1 081	810	1 707	2 107	2 554	404
Rochester city	1 921	2 277	1 661	1 111	847	1 061	793	1 631	2 107	2 497	404
Remainder of Olmsted County	—	49	19	8	16	20	17	76	—	57	—
Outside SMSA	91	75	24	54	13	4	29	16	62	47	—
Place of work not reported	142	184	105	13	85	84	212	103	158	201	—

¹See text for definition. ²Includes "Moved, 1965 residence not reported."

Table P-3. Labor Force Characteristics of the 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	Olmsted County			Rochester									
	Total	Rochester	Balance	Tract 0001	Tract 0002	Tract 0003	Tract 0004	Tract 0005	Tract 0006	Tract 0007	Tract 0008	Tract 0010	
EMPLOYMENT STATUS													
Male, 16 years old and over	24 957	15 794	9 163	290	1 438	1 657	1 453	1 160	1 682	1 222	404	889	
Labor force	21 013	13 157	7 856	191	1 124	1 238	1 177	898	1 439	1 070	32	793	
Percent of total	84.2	83.3	85.7	65.9	78.2	74.7	81.0	77.4	85.6	87.6	7.9	89.2	
Civilian labor force	20 990	13 149	7 841	191	1 124	1 238	1 177	898	1 439	1 067	32	793	
Employed	20 257	12 732	7 525	185	1 089	1 188	1 134	871	1 375	1 016	32	754	
Unemployed	733	417	316	6	35	50	43	27	64	51	-	39	
Percent of civilian labor force	3.5	3.2	4.0	3.1	3.1	4.0	3.7	3.0	4.4	4.8	-	4.9	
Not in labor force	3 944	2 637	1 307	99	314	419	276	262	243	152	372	96	
Inmate of institution	564	553	11	9	13	45	43	27	11	-	372	-	
Enrolled in school	1 007	490	517	-	58	43	91	50	44	39	-	42	
Other under 65 years	687	476	211	38	62	63	33	51	65	22	-	14	
Other 65 years and over	1 686	1 118	568	52	181	268	109	134	123	91	-	40	
Male, 16 to 21 years old	3 337	2 094	1 243	31	224	211	201	210	283	176	55	130	
Not enrolled in school	942	629	313	22	66	74	20	95	103	34	20	28	
Not high school graduates	193	125	68	11	11	22	-	11	14	7	20	9	
Unemployed or not in labor force	89	63	26	-	-	12	-	5	4	7	20	-	
Female, 16 years old and over	30 416	21 312	9 104	502	1 957	2 250	2 729	2 481	2 358	1 394	365	989	
Labor force	15 195	11 007	4 188	235	1 006	1 117	1 257	1 769	1 222	693	20	573	
Percent of total	50.0	51.6	46.0	46.8	51.4	49.6	46.1	71.3	51.8	49.7	5.5	57.9	
Civilian labor force	15 183	10 995	4 188	235	1 006	1 117	1 245	1 769	1 222	693	20	573	
Employed	14 704	10 685	4 019	226	967	1 077	1 217	1 750	1 183	678	20	528	
Unemployed	479	310	169	9	39	40	28	19	39	15	-	45	
Percent of civilian labor force	3.2	2.8	4.0	3.8	3.9	3.6	2.2	1.1	3.2	2.2	-	7.9	
Not in labor force	15 221	10 305	4 916	267	951	1 133	1 472	712	1 136	701	345	416	
Married women, husband present	18 382	11 364	7 018	94	1 041	1 215	952	631	1 138	970	7	692	
In labor force	8 254	5 090	3 164	35	465	571	250	306	590	422	7	375	
With own children under 6 years	6 844	4 090	2 754	6	393	347	203	160	344	240	7	259	
In labor force	2 274	1 328	946	-	116	142	33	78	124	82	7	91	
OCCUPATION													
Total employed, 16 years old and over	34 961	23 417	11 544	411	2 056	2 265	2 351	2 621	2 558	1 694	52	1 282	
Professional, technical, and kindred workers	9 254	7 194	2 060	97	634	372	1 120	820	560	378	12	399	
Health workers	3 948	3 175	773	66	297	167	753	492	149	159	6	145	
Teachers, elementary and secondary schools	1 135	871	264	-	102	54	67	88	109	55	-	83	
Managers and administrators, except farm	3 058	2 200	858	17	112	162	301	158	176	137	-	95	
Salaried	2 540	1 830	710	5	89	78	267	89	161	115	-	87	
Self-employed in retail trade	272	206	66	-	6	41	19	58	15	16	-	8	
Sales workers	2 660	1 877	783	14	119	325	157	173	230	121	5	98	
Retail trade	1 759	1 277	482	9	72	249	108	156	76	-	-	77	
Clerical and kindred workers	5 249	3 849	1 400	53	377	391	275	495	418	329	20	198	
Craftsmen, foremen, and kindred workers	3 546	2 026	1 520	45	233	237	82	133	268	182	-	171	
Construction craftsmen	1 034	522	512	5	62	62	34	50	92	51	-	45	
Mechanics and repairmen	808	422	386	11	39	61	14	15	64	27	-	20	
Operatives, except transport	2 023	1 112	911	20	111	139	13	102	212	63	5	64	
Transport equipment operatives	803	411	392	-	18	76	12	79	57	51	-	9	
Laborers, except farm	730	458	272	25	83	41	26	30	74	42	5	24	
Farm workers	1 749	79	1 670	-	12	11	14	4	5	10	-	-	
Service workers'	5 289	3 811	1 478	131	311	482	305	604	518	317	5	202	
Cleaning and food service workers	2 835	1 954	881	68	145	321	88	222	299	181	-	151	
Protective service workers	331	260	71	-	22	25	21	12	32	46	-	-	
Personal and health service workers	1 798	1 344	454	53	138	115	156	319	165	72	5	46	
Private household workers	600	400	200	9	46	29	46	23	40	64	-	22	
Female employed, 16 years old and over	14 704	10 685	4 019	226	967	1 077	1 217	1 750	1 183	678	20	528	
Professional, technical, and kindred workers	3 918	3 166	752	43	301	191	579	621	241	146	-	167	
Teachers, elementary and secondary schools	790	617	173	-	86	31	44	84	63	45	-	55	
Managers and administrators, except farm	455	367	88	-	33	37	72	56	43	10	-	5	
Sales workers	1 314	978	336	5	74	210	82	106	123	38	-	30	
Clerical and kindred workers	4 092	2 953	1 139	35	262	258	233	417	333	261	20	153	
Secretaries, stenographers, and typists	1 442	1 112	330	15	92	88	117	200	118	78	-	66	
Operatives, including transport	602	348	254	9	46	40	4	33	69	17	-	20	
Other blue-collar workers	166	116	50	5	9	6	-	20	11	7	-	19	
Farm workers	215	-	215	-	-	-	-	-	-	-	-	-	
Service workers, except private household	3 360	2 375	985	120	196	306	205	474	323	135	-	117	
Private household workers	582	382	200	9	46	29	42	23	40	64	-	17	
INDUSTRY													
Total employed, 16 years old and over	34 961	23 417	11 544	411	2 056	2 265	2 351	2 621	2 558	1 694	52	1 282	
Construction	2 025	1 097	928	32	93	161	58	121	134	111	-	82	
Manufacturing	5 732	3 755	1 977	29	264	251	196	305	381	199	10	203	
Durable goods	4 600	3 063	1 537	16	188	161	151	209	314	143	5	161	
Transportation	763	444	319	-	38	66	24	32	58	26	-	41	
Communications, utilities, and sanitary services	789	589	200	4	55	61	24	35	109	62	-	27	
Wholesale trade	740	460	280	-	52	44	28	16	30	14	-	9	
Retail trade	6 188	4 184	2 004	61	325	560	282	367	538	346	7	283	
Finance, insurance, and real estate	977	723	254	11	51	75	85	34	102	53	-	43	
Business and repair services	824	480	344	9	50	67	20	28	24	37	-	52	
Personal services	2 287	1 649	638	72	160	231	115	211	205	202	-	75	
Health services	8 036	6 311	1 725	169	604	464	1 142	1 081	543	338	30	248	
Educational services	2 097	1 591	506	7	168	102	126	160	173	137	5	128	
Other professional and related services	1 416	1 123	293	-	68	98	159	157	185	74	-	48	
Public administration	1 016	728	288	6	104	55	58	60	60	81	-	29	
Other industries	2 071	283	1 788	11	24	30	34	14	16	14	-	14	
CLASS OF WORKER													
Total employed, 16 years old and over	34 961	23 417	11 544	411	2 056	2 265	2 351	2 621	2 558	1 694	52	1 282	
Private wage and salary workers	27 796	19 393	8 403	367	1 628	1 838	1 960	2 281	2 188	1 336	29	1 036	
Government workers	3 976	2 891	1 085	22	329	219	263	210	269	273	23	201	
Local government workers	2 429	1 922	507	3	180	152	146	126	184	212	-	164	
Self-employed workers	2 915	1 077	1 838	22	94	208	128	120	97	80	-	45	
Unpaid family workers	274	56	218	-	5	-	-	10	4	5	-	-	

*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	Rochester—Con.						Balance of Olmsted County					
	Tract 0011	Tract 0012	Tract 0013	Tract 0014	Tract 0015	Tract 0016	Tract 0017	Tract 0004	Tract 0005	Tract 0007	Tract 0009	Tract 0010
EMPLOYMENT STATUS												
Male, 16 years old and over	247	340	678	1 072	1 695	1 292	275	—	40	135	1 855	...
Labor force	225	291	657	1 009	1 631	1 144	238	—	40	101	1 487	...
Percent of total	91.1	85.6	96.9	94.1	96.2	88.5	86.5	—	100.0	74.8	90.9	...
Civilian labor force	225	291	657	1 009	1 626	1 144	238	—	40	101	1 482	...
Employed	214	276	646	976	1 612	1 126	238	—	37	101	1 574	...
Unemployed	11	15	11	33	14	18	—	—	3	—	108	...
Percent of civilian labor force	4.9	5.2	1.7	3.3	0.9	1.6	—	—	7.5	—	6.4	...
Not in labor force	22	49	21	63	64	148	37	—	—	34	168	...
Inmate of institution	—	—	—	33	—	—	—	—	—	—	—	...
Enrolled in school	11	13	11	4	29	55	—	—	—	5	76	...
Other under 65 years	—	14	10	26	19	32	27	—	—	4	36	...
Other 65 years and over	11	22	—	—	16	61	10	—	—	25	56	...
Male, 16 to 21 years old	31	42	84	76	163	171	6	—	—	12	232	...
Not enrolled in school	10	—	11	54	55	31	6	—	—	3	65	...
Not high school graduates	—	—	—	10	5	5	—	—	—	—	12	...
Unemployed or not in labor force	—	—	—	10	—	5	—	—	—	—	8	...
Female, 16 years old and over	294	388	693	1 203	1 835	1 498	376	—	37	134	1 895	...
Labor force	216	207	386	677	787	774	68	—	25	56	1 048	...
Percent of total	73.5	53.4	55.7	56.3	42.9	51.7	18.1	—	67.6	41.8	55.3	...
Civilian labor force	216	207	386	677	787	774	68	—	25	56	1 048	...
Employed	211	197	382	666	757	758	68	—	25	50	1 012	...
Unemployed	5	10	4	11	30	16	—	—	—	6	36	...
Percent of civilian labor force	2.3	4.8	1.0	1.6	3.8	2.1	—	—	—	10.7	3.4	...
Not in labor force	78	181	307	526	1 048	724	308	—	12	78	847	...
Married women, husband present	164	258	566	869	1 481	1 049	237	—	12	80	1 530	...
In labor force	118	111	278	470	575	469	48	—	—	35	826	...
With own children under 6 years	44	87	277	484	754	341	144	—	12	32	684	...
In labor force	19	23	93	210	200	94	16	—	—	9	265	...
OCCUPATION												
Total employed, 16 years old and over	425	473	1 028	1 642	2 369	1 884	306	—	62	151	2 586	...
Professional, technical, and kindred workers	157	111	233	526	932	691	152	—	21	40	443	...
Health workers	71	49	66	170	249	291	45	—	—	15	207	...
Teachers, elementary and secondary schools	26	16	18	61	73	99	20	—	21	—	14	...
Managers and administrators, except farm	31	53	116	169	348	293	32	—	—	11	163	...
Salaried	26	53	116	147	324	247	26	—	—	11	148	...
Self-employed in retail trade	—	—	—	5	10	26	6	—	—	—	—	...
Sales workers	41	7	80	104	201	177	25	—	—	—	205	...
Retail trade	41	3	65	58	99	109	5	—	—	—	153	...
Clerical and kindred workers	92	80	122	320	409	237	33	—	—	10	412	...
Craftsmen, foremen, and kindred workers	11	50	137	157	169	127	24	—	16	9	372	...
Construction craftsmen	5	—	28	35	29	24	—	—	3	3	111	...
Mechanics and repairmen	—	19	35	31	36	35	15	—	13	—	85	...
Operatives, except transport	6	63	70	98	78	56	12	—	—	4	308	...
Transport equipment operatives	—	16	56	17	9	5	6	—	—	5	108	...
Laborers, except farm	20	13	14	6	16	39	—	—	—	4	65	...
Farm workers	—	—	6	—	5	—	12	—	—	47	75	...
Service workers ¹	67	75	152	225	153	254	10	—	25	16	429	...
Cleaning and food service workers	29	25	104	99	91	126	5	—	—	10	258	...
Protective service workers	10	15	18	11	10	38	—	—	—	—	32	...
Personal and health service workers	8	31	26	86	43	76	5	—	25	6	129	...
Private household workers	—	5	42	20	49	5	—	—	—	5	6	...
Female employed, 16 years old and over	211	197	382	666	757	758	68	—	25	50	1 012	...
Professional, technical, and kindred workers	69	56	47	157	211	302	35	—	15	15	172	...
Teachers, elementary and secondary schools	15	6	13	37	45	79	14	—	—	—	9	...
Managers and administrators, except farm	—	10	14	29	31	27	—	—	—	—	13	...
Sales workers	17	4	61	42	81	90	15	—	—	—	111	...
Clerical and kindred workers	92	56	96	243	286	190	18	—	—	10	330	...
Secretaries, stenographers, and typists	31	15	26	79	130	44	13	—	—	5	100	...
Operatives, including transport	—	15	25	37	11	22	—	—	—	4	76	...
Other blue-collar workers	4	5	5	9	—	16	—	—	—	—	13	...
Farm workers	—	—	—	—	—	—	—	—	—	—	3	...
Service workers, except private household	29	46	92	129	97	106	—	—	25	11	288	...
Private household workers	—	5	42	20	40	5	—	—	—	5	6	...
INDUSTRY												
Total employed, 16 years old and over	425	473	1 028	1 642	2 369	1 884	306	—	62	151	2 586	...
Construction	5	25	47	73	73	72	10	—	3	8	236	...
Manufacturing	15	85	236	399	789	305	88	—	11	16	440	...
Durable goods	9	62	207	360	735	259	83	—	11	16	354	...
Transportation	18	4	45	20	47	19	6	—	—	—	111	...
Communications, utilities, and sanitary services	17	14	10	72	38	57	4	—	—	—	39	...
Wholesale trade	47	34	17	52	73	38	6	—	—	—	72	...
Retail trade	115	69	247	223	342	393	26	—	—	16	566	...
Finance, insurance, and real estate	5	39	31	21	115	58	—	—	—	—	31	...
Business and repair services	6	15	11	63	61	26	11	—	2	4	93	...
Personal services	9	31	96	85	98	54	5	—	—	14	127	...
Health services	116	85	153	370	373	523	72	—	25	36	528	...
Educational services	36	26	45	137	138	178	25	—	21	5	71	...
Other professional and related services	8	14	27	79	112	75	19	—	—	—	43	...
Public administration	13	20	53	38	81	53	17	—	—	—	102	...
Other industries	15	12	10	10	29	33	17	—	—	52	127	...
CLASS OF WORKER												
Total employed, 16 years old and over	425	473	1 028	1 642	2 369	1 884	306	—	62	151	2 586	...
Private wage and salary workers	343	410	881	1 389	2 020	1 453	234	—	37	121	2 112	...
Government workers	72	58	111	222	252	306	61	—	25	5	322	...
Local government workers	47	53	60	157	188	214	36	—	—	—	119	...
Self-employed workers	10	5	36	26	92	103	11	—	—	25	137	...
Inpaid family workers	—	—	—	5	5	22	—	—	—	—	15	...

¹Includes 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 Olmsted County—Con.											
	Tract 0011	Tract 0012	Tract 0013	Tract 0014	Tract 0015	Tract 0016	Tract 0017	Tract 0018	Tract 0019	Tract 0020	Tract 0021	Tract 0022
EMPLOYMENT STATUS												
Male, 16 years old and over	486	586	18	130	38	686	85	376	1 210	1 568	826	1 120
Labor force	410	490	18	104	38	633	63	340	996	1 315	714	903
Percent of total	84.4	83.6	...	80.0	100.0	92.3	74.1	90.4	82.3	83.9	86.4	80.6
Civilian labor force	410	490	18	104	38	633	63	333	993	1 315	714	903
Employed	392	480	18	104	34	627	63	328	949	1 261	674	879
Unemployed	18	10	—	—	4	6	—	5	44	54	40	24
Percent of civilian labor force	4.4	2.0	—	—	10.5	0.9	—	1.5	4.4	4.1	5.6	2.7
Not in labor force	76	96	—	26	—	53	22	36	214	253	112	217
Inmate of institution	—	—	—	—	—	—	—	—	—	—	—	—
Enrolled in school	43	69	—	12	—	8	4	—	60	122	43	75
Other under 65 years	15	11	—	10	—	8	4	—	41	19	9	41
Other 65 years and over	18	16	—	4	—	35	9	30	113	112	60	90
Male, 16 to 21 years old	89	104	4	29	4	74	4	19	125	277	114	156
Not enrolled in school	23	8	—	5	—	32	—	7	29	67	25	49
Not high school graduates	8	8	—	5	—	11	—	—	7	13	4	—
Unemployed or not in labor force	8	—	—	5	—	5	—	—	—	—	—	—
Female, 16 years old and over	485	601	23	97	42	658	94	436	1 164	1 471	899	1 044
Labor force	147	232	9	46	—	347	42	189	493	624	472	458
Percent of total	30.3	38.6	...	47.4	—	52.7	44.7	43.3	42.4	42.4	52.5	43.0
Civilian labor force	147	232	9	46	—	347	42	189	493	624	472	458
Employed	142	224	9	46	—	343	42	168	475	599	455	429
Unemployed	5	8	—	—	—	4	—	21	18	25	17	29
Percent of civilian labor force	3.4	3.4	—	—	—	1.2	—	11.1	3.7	4.0	3.6	6.3
Not in labor force	338	369	14	51	42	311	52	247	671	847	427	606
Married women, husband present	365	467	14	87	38	524	82	347	919	1 072	659	818
In labor force	104	164	—	36	—	236	37	148	410	475	346	347
With own children under 6 years	160	171	—	24	24	223	33	186	304	372	256	269
In labor force	13	49	—	9	—	76	6	55	101	133	117	113
OCCUPATION												
Total employed, 16 years old and over	534	704	27	150	34	970	105	496	1 424	1 860	1 129	1 308
Professional, technical, and kindred workers	161	318	5	21	13	264	17	133	178	169	152	125
Health workers	57	158	—	5	4	124	6	14	62	31	33	57
Teachers, elementary and secondary schools	13	20	—	—	—	22	—	24	31	70	37	12
Managers and administrators, except farm	86	49	—	9	13	63	4	65	74	109	148	64
Salaried	86	43	—	5	13	63	4	57	66	72	91	51
Self-employed in retail trade	—	—	—	—	—	—	—	—	8	31	21	6
Sales workers	53	40	—	17	—	65	6	38	81	90	119	69
Retail trade	12	16	—	8	—	42	6	11	58	56	78	42
Clerical and kindred workers	61	57	—	27	—	95	25	85	124	178	176	150
Craftsmen, foremen, and kindred workers	66	78	5	10	4	154	4	50	206	211	146	189
Construction craftsmen	37	21	—	5	—	39	—	14	57	111	44	67
Mechanics and repairmen	16	17	5	—	—	30	4	19	67	33	55	42
Operatives, except transport	36	36	—	4	—	58	4	48	140	105	78	90
Transport equipment operatives	12	5	—	—	—	34	10	14	38	77	27	58
Laborers, except farm	6	—	—	—	—	45	—	5	28	29	50	40
Farm workers	—	37	13	52	4	98	—	—	377	662	5	300
Service workers ¹	53	80	4	5	—	79	30	42	154	197	210	154
Cleaning and food service workers	37	40	4	5	—	47	24	28	95	127	119	87
Protective service workers	—	5	—	—	—	—	—	—	8	4	14	8
Personal and health service workers	16	29	—	—	—	16	6	14	51	48	60	54
Private household workers	—	4	—	5	—	15	5	16	24	33	18	69
Female employed, 16 years old and over	142	224	9	46	—	343	42	168	475	599	455	429
Professional, technical, and kindred workers	35	81	5	—	—	116	—	35	93	90	47	63
Teachers, elementary and secondary schools	9	20	—	—	—	12	—	21	31	43	16	12
Managers and administrators, except farm	—	9	—	4	—	—	—	5	15	5	19	18
Sales workers	16	23	—	4	—	22	6	11	23	36	63	21
Clerical and kindred workers	48	53	—	23	—	83	14	67	94	144	151	122
Secretaries, stenographers, and typists	13	18	—	6	—	6	6	22	56	33	50	15
Operatives, including transport	7	6	—	—	—	24	—	5	58	36	5	33
Other blue-collar workers	—	6	—	—	—	7	—	—	—	19	—	5
Farm workers	—	—	—	5	—	11	—	—	71	92	—	28
Service workers, except private household	36	42	4	5	—	65	17	29	97	144	152	70
Private household workers	—	4	—	5	—	15	5	16	24	33	18	69
INDUSTRY												
Total employed, 16 years old and over	534	704	27	150	34	970	105	496	1 424	1 860	1 129	1 308
Construction	35	36	—	5	—	100	—	42	114	135	100	114
Manufacturing	145	138	—	19	9	185	25	142	231	189	228	199
Durable goods	91	107	—	19	9	150	17	137	196	122	158	150
Transportation	12	7	—	—	—	40	5	16	20	48	18	42
Communications, utilities, and sanitary services	9	—	—	—	4	33	5	—	10	35	39	26
Wholesale trade	23	4	—	9	—	27	—	28	27	17	51	22
Retail trade	91	80	—	29	13	158	12	109	198	282	250	196
Finance, insurance, and real estate	33	6	4	5	—	19	—	22	16	44	46	28
Business and repair services	10	5	5	6	—	5	13	22	70	58	15	36
Personal services	18	49	—	5	—	36	21	25	83	88	93	79
Health services	85	234	—	5	4	185	19	34	155	108	125	182
Educational services	33	32	5	4	—	22	—	46	60	105	73	29
Other professional and related services	15	62	—	6	—	35	—	5	32	40	26	29
Public administration	14	14	—	5	—	20	5	5	28	39	39	17
Other industries	11	37	13	52	4	105	—	—	380	672	26	309
CLASS OF WORKER												
Total employed, 16 years old and over	534	704	27	150	34	970	105	496	1 424	1 860	1 129	1 308
Private wage and salary workers	462	602	9	86	30	794	90	395	892	964	878	927
Government workers	46	48	—	10	—	81	11	61	131	159	126	60
Local government workers	24	30	—	5	—	21	—	44	54	109	85	16
Self-employed workers	26	54	18	54	4	75	4	40	348	647	112	294
Unpaid family workers	—	—	—	—	—	20	—	—	53	90	13	27

¹Includes 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										
	Tract 0004	Tract 0005	Tract 0007	Tract 0010	Tract 0011	Tract 0012	Tract 0013	Tract 0014	Tract 0015	Tract 0016	Tract 0017
EMPLOYMENT STATUS											
Male, 16 years old and over	1 453	1 200	1 357	893	733	926	696	1 202	1 733	1 978	360
Labor force	1 177	938	1 171	797	635	781	675	1 113	1 669	1 777	301
Percent of total	81.0	78.2	86.3	89.2	86.6	84.3	97.0	92.6	96.3	89.8	83.6
Civilian labor force	1 177	938	1 168	797	635	781	675	1 113	1 664	1 777	301
Employed	1 134	908	1 117	758	606	756	664	1 080	1 646	1 753	301
Unemployed	43	30	51	39	29	25	11	33	18	24	—
Percent of civilian labor force	3.7	3.2	4.4	4.9	4.6	3.2	1.6	3.0	1.1	1.4	—
Not in labor force	276	262	186	96	98	145	21	89	64	201	59
Inmate of institution	43	27	—	—	—	—	—	33	—	—	—
Enrolled in school	91	50	44	42	54	82	11	16	29	63	4
Other under 65 years	33	51	26	14	15	25	10	36	19	42	36
Other 65 years and over	109	134	116	40	29	38	—	4	16	96	19
Male, 16 to 21 years old	201	210	188	130	120	146	88	105	167	245	10
Not enrolled in school	20	95	37	28	33	8	11	59	55	63	6
Not high school graduates	—	11	7	9	8	8	—	15	5	16	—
Unemployed or not in labor force	—	5	7	—	8	—	—	15	—	10	—
Female, 16 years old and over	2 729	2 518	1 528	993	779	989	716	1 300	1 877	2 156	470
Labor force	1 257	1 794	749	573	363	439	395	723	787	1 121	110
Percent of total	46.1	71.2	49.0	57.7	46.6	44.4	55.2	55.6	41.9	52.0	23.4
Civilian labor force	1 245	1 794	749	573	363	439	395	723	787	1 121	110
Employed	1 217	1 775	728	528	353	421	391	712	757	1 101	110
Unemployed	28	19	21	45	10	18	4	11	30	20	—
Percent of civilian labor force	2.2	1.1	2.8	7.9	2.8	4.1	1.0	1.5	3.8	1.8	—
Not in labor force	1 472	724	779	420	416	550	321	577	1 090	1 035	360
Married women, husband present	952	643	1 050	696	529	725	580	956	1 519	1 573	319
In labor force	250	306	457	375	222	275	278	506	575	705	85
With own children under 6 years	203	172	272	263	204	258	277	508	778	564	177
In labor force	33	78	91	91	32	72	93	219	200	170	22
OCCUPATION											
Total employed, 16 years old and over	2 351	2 683	1 845	1 286	959	1 177	1 055	1 792	2 403	2 854	411
Professional, technical, and kindred workers	1 120	841	418	399	318	429	238	547	945	955	169
Health workers	753	492	174	145	128	207	66	175	253	415	51
Teachers, elementary and secondary schools	67	109	55	83	39	36	18	61	73	121	20
Managers and administrators, except farm	301	158	148	95	117	102	116	178	361	356	36
Salaries	267	89	126	87	112	96	116	152	337	310	30
Self-employed in retail trade	19	58	16	4	—	—	—	5	10	26	6
Sales workers	157	173	121	98	94	47	80	121	201	242	31
Retail trade	108	150	76	77	53	19	65	66	99	151	11
Clerical and kindred workers	275	495	339	198	153	137	122	347	409	332	58
Craftsmen, foremen, and kindred workers	82	149	191	171	77	128	142	167	173	281	28
Construction craftsmen	34	53	54	45	42	21	28	40	29	63	—
Mechanics and repairmen	14	28	27	20	16	36	40	31	36	65	19
Operatives, except transport	13	102	67	64	42	99	70	102	78	114	16
Transport equipment operatives	12	79	56	13	12	21	56	17	9	39	16
Laborers, except farm	26	30	46	24	26	13	14	6	16	84	—
Farm workers	14	4	57	—	—	37	19	52	9	98	12
Service workers ¹	305	629	333	202	120	155	156	230	153	333	40
Cleaning and food service workers	88	222	191	151	66	65	108	104	91	173	29
Protective service workers	21	12	46	—	10	20	18	11	10	38	—
Personal and health service workers	156	344	78	46	24	60	26	86	43	92	11
Private household workers	46	23	69	22	—	9	42	25	49	20	5
Female employed, 16 years old and over	1 217	1 775	728	528	353	421	391	712	757	1 101	110
Professional, technical, and kindred workers	579	621	161	167	104	137	52	157	211	418	35
Teachers, elementary and secondary schools	44	84	45	55	24	26	13	37	45	91	14
Managers and administrators, except farm	72	56	10	5	—	19	14	33	31	27	—
Sales workers	82	106	38	30	33	27	61	46	81	112	21
Clerical and kindred workers	233	417	271	153	140	109	96	266	286	273	32
Secretaries, stenographers, and typists	117	200	83	66	44	33	26	85	130	50	19
Operatives, including transport	4	33	21	20	7	21	25	37	11	46	—
Other blue-collar workers	—	20	7	19	4	11	5	9	—	23	—
Farm workers	—	5	—	—	—	—	—	5	—	11	—
Service workers, except private household	205	499	146	117	65	88	96	134	97	171	17
Private household workers	42	23	69	17	—	9	42	25	40	20	5
INDUSTRY											
Total employed, 16 years old and over	2 351	2 683	1 845	1 286	959	1 177	1 055	1 792	2 403	2 854	411
Construction	58	124	119	82	40	61	47	78	73	172	10
Manufacturing	196	316	215	203	160	223	236	418	798	490	113
Durable goods	151	220	159	161	100	169	207	379	744	409	100
Transportation	24	32	26	41	30	11	45	20	47	59	11
Communications, utilities, and sanitary services	24	35	62	27	26	14	10	72	42	90	9
Wholesale trade	28	16	14	9	70	38	17	61	73	65	6
Retail trade	282	367	362	287	206	149	247	252	355	551	38
Finance, insurance, and real estate	85	34	53	43	38	45	35	26	115	77	—
Business and repair services	20	30	41	52	16	20	16	69	61	31	24
Personal services	115	211	216	75	27	80	96	90	98	90	26
Health services	1 142	1 106	374	248	201	319	153	375	377	708	91
Educational services	126	181	142	128	69	58	50	141	138	200	25
Other professional and related services	159	157	74	48	23	76	27	85	112	110	19
Public administration	58	60	81	29	27	34	53	43	81	73	22
Other industries	34	14	66	14	26	49	23	62	33	138	17
CLASS OF WORKER											
Total employed, 16 years old and over	2 351	2 683	1 845	1 286	959	1 177	1 055	1 792	2 403	2 854	411
Private wage and salary workers	1 960	2 318	1 457	1 040	805	1 012	890	1 475	2 050	2 247	324
Government workers	263	235	278	201	118	106	111	232	252	387	72
Local government workers	146	126	212	164	71	83	60	162	188	235	36
Self-employed workers	128	120	105	45	36	59	54	80	96	178	15
Unpaid family workers	—	10	5	—	—	—	—	5	5	42	—

¹Includes allocated cases, not shown separately.

Table P-4. Income Characteristics of the 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	Olmsted County			Rochester								
	Total	Rochester	Balance	Tract 0001	Tract 0002	Tract 0003	Tract 0004	Tract 0005	Tract 0006	Tract 0007	Tract 0008	Tract 0010
INCOME IN 1969 OF FAMILIES AND UNRELATED INDIVIDUALS												
All families	19 850	12 409	7 441	130	1 141	1 348	1 107	799	1 274	1 042	6	745
Less than \$1,000	208	66	142	10	5	7	4	9	-	-	-	-
\$1,000 to \$1,999	382	211	171	14	26	31	23	23	50	21	-	-
\$2,000 to \$2,999	707	420	287	23	48	120	53	57	24	22	-	19
\$3,000 to \$3,999	728	401	327	4	45	54	27	41	68	62	-	43
\$4,000 to \$4,999	816	495	321	5	80	76	52	46	71	48	-	26
\$5,000 to \$5,999	780	425	355	4	68	58	22	66	46	12	-	14
\$6,000 to \$6,999	923	475	448	5	76	65	46	30	32	46	-	35
\$7,000 to \$7,999	1 114	663	451	11	117	114	49	42	60	55	-	37
\$8,000 to \$8,999	1 317	752	565	-	74	106	42	28	71	68	-	40
\$9,000 to \$9,999	1 394	766	628	-	91	73	41	42	117	118	-	41
\$10,000 to \$11,999	3 202	1 958	1 244	14	154	190	79	139	226	187	-	121
\$12,000 to \$14,999	3 588	2 417	1 171	31	167	218	107	113	240	182	6	163
\$15,000 to \$24,999	3 580	2 644	936	9	178	209	239	144	222	190	-	192
\$25,000 to \$49,999	983	650	333	-	12	27	285	19	47	31	-	4
\$50,000 or more	128	66	62	-	-	-	38	-	-	-	-	10
Median income	\$10 972	\$11 563	\$10 041	\$7 000	\$9 346	\$9 589	\$15 356	\$10 223	\$10 867	\$10 738	...	\$11 942
Mean income	\$12 033	\$12 560	\$11 156	\$7 613	\$9 934	\$9 867	\$19 105	\$10 372	\$11 376	\$11 582	...	\$12 482
Families and unrelated individuals	28 532	19 947	8 585	644	1 764	2 152	2 639	2 594	2 112	1 245	45	922
Median income	\$8 680	\$8 235	\$9 389	\$2 107	\$7 071	\$6 013	\$6 063	\$4 014	\$7 670	\$9 956	\$902	\$10 694
Mean income	\$9 620	\$9 334	\$10 284	\$4 471	\$7 697	\$7 328	\$10 604	\$5 670	\$8 269	\$10 451	\$3 320	\$11 026
Unrelated individuals	8 682	7 538	1 144	514	623	804	1 532	1 795	838	203	39	177
Median income	\$2 920	\$2 919	\$2 926	\$1 746	\$2 489	\$2 226	\$3 145	\$2 862	\$2 586	\$3 250	\$848	\$3 971
Mean income	\$4 103	\$4 025	\$4 616	\$3 676	\$3 600	\$3 071	\$4 461	\$3 578	\$3 547	\$4 651	\$1 938	\$4 902
TYPE OF INCOME IN 1969 OF FAMILIES												
All families	19 850	12 409	7 441	130	1 141	1 348	1 107	799	1 274	1 042	6	745
With wage or salary income	17 826	11 372	6 454	92	1 001	1 143	941	709	1 159	927	6	711
Mean wage or salary income	\$11 135	\$11 790	\$9 980	\$7 501	\$9 690	\$8 890	\$17 953	\$9 467	\$10 902	\$10 568	...	\$11 627
With nonfarm self-employment income	2 303	1 354	949	18	107	202	169	100	96	141	-	88
Mean nonfarm self-employment income	\$6 831	\$7 071	\$6 489	...	\$4 596	\$6 990	\$10 434	\$7 655	\$7 166	\$6 967	...	\$4 438
With farm self-employment income	1 970	252	1 718	6	15	29	33	14	20	29	-	10
Mean farm self-employment income	\$3 219	\$1 247	\$3 508	...	...	\$1 929	-\$1 144	...	...	\$745	...	...
With Social Security income	2 986	1 876	1 110	53	277	370	219	171	245	150	-	83
Mean Social Security income	\$1 670	\$1 732	\$1 566	\$1 385	\$1 947	\$1 575	\$1 817	\$1 762	\$1 706	\$1 788	-	\$1 935
With public assistance or public welfare income	487	320	167	10	65	65	-	8	30	50	-	32
Mean public assistance or public welfare income	\$1 480	\$1 515	\$1 412	...	\$1 279	\$1 358	-	...	\$1 447	\$1 438	-	\$1 094
With other income	8 750	6 040	2 710	57	509	824	568	318	493	533	6	348
Mean other income	\$1 439	\$1 349	\$1 639	\$1 657	\$1 016	\$1 215	\$3 755	\$1 508	\$1 378	\$1 739	...	\$991
RATIO OF FAMILY INCOME TO POVERTY LEVEL¹												
Percent of families with incomes:												
Less than .50 of poverty level	1.8	1.1	2.9	7.7	0.4	0.9	2.1	2.5	1.0	0.5	-	-
.50 to .74	1.5	1.5	1.7	3.1	1.7	3.2	1.7	2.0	1.5	1.3	-	0.5
.75 to .99	2.1	1.8	2.7	11.5	2.9	3.2	1.4	2.6	3.1	2.2	-	1.9
1.00 to 1.24	3.4	2.7	4.6	3.8	3.2	5.3	2.6	4.8	3.9	1.1	-	2.3
1.25 to 1.49	3.7	3.1	4.8	13.8	3.1	4.2	2.1	6.9	3.8	6.4	-	2.4
1.50 to 1.99	9.7	9.0	10.8	10.8	14.7	13.0	4.9	10.9	10.0	7.8	-	10.6
2.00 to 2.99	26.3	25.0	28.4	7.7	33.9	26.1	13.4	19.4	19.8	29.1	-	23.4
3.00 or more	51.5	55.9	44.3	41.5	40.1	44.2	71.9	50.9	56.9	51.6	...	58.9
INCOME BELOW POVERTY LEVEL¹												
Families	1 072	536	536	29	57	98	57	57	71	42	-	18
Percent of all families	5.4	4.3	7.2	22.3	5.0	7.3	5.1	7.1	5.6	4.0	-	2.4
Mean family income	\$1 841	\$1 990	\$1 692	\$1 712	\$2 316	\$1 952	\$1 933	\$1 581	\$2 102	\$2 370	-	...
Mean income deficit	\$1 329	\$1 179	\$1 478	\$1 287	\$881	\$1 149	\$1 480	\$1 211	\$869	\$813	-	...
Percent receiving public assistance income	11.4	13.2	9.5	34.5	17.5	16.3	-	7.0	-	40.5	-	...
Mean size of family	3.51	3.26	3.76	3.03	3.33	3.24	3.60	2.61	2.93	3.38	-	...
With related children under 18 years	601	294	307	10	31	48	34	30	27	22	-	14
Mean number of related children under 18 years	2.81	2.57	3.03	...	2.61	3.08	2.50	1.50	2.30	...	-	...
With related children under 6 years	355	170	185	10	20	28	20	25	9	17	-	...
Mean number of related children under 6 years	1.47	1.31	1.62	...	...	1.36	...	1.20	...	...	-	...
Families with female head	238	164	74	10	14	35	-	8	25	15	-	9
With related children under 18 years	190	136	54	10	10	31	-	4	18	11	-	9
Mean number of related children under 18 years	2.69	2.68	2.70	...	...	2.84	-	...	...	...	-	...
With related children under 6 years	107	76	31	10	10	21	-	4	-	11	-	...
Percent in labor force	57.9	53.9	67.7	-	...	...	-	-	-	-	-	-
Mean number of related children under 6 years	1.11	1.13	1.06	...	...	...	-	-	-	-	-	-
Family heads	1 072	536	536	29	57	98	57	57	71	42	-	18
Percent 65 years and over	29.0	30.2	27.8	51.7	35.1	46.9	17.5	28.1	40.8	47.6	-	-
Civilian male heads under 65 years	558	225	333	4	27	17	47	33	24	11	-	9
Percent in labor force	89.2	86.7	91.0	...	59.3	...	100.0	84.8	...	...	-	...
Unrelated individuals	2 953	2 545	408	285	252	341	306	636	361	77	23	35
Percent of all unrelated individuals	35.5	35.4	35.7	55.4	40.4	42.4	25.7	35.4	43.1	37.9	79.3	19.8
Mean income	\$904	\$913	\$849	\$864	\$726	\$1 117	\$772	\$929	\$877	\$997	...	\$1 223
Mean income deficit	\$910	\$907	\$930	\$967	\$1 082	\$674	\$1 059	\$902	\$933	\$803	...	\$592
Percent receiving public assistance income	5.7	5.7	5.6	5.6	4.4	11.7	2.9	6.0	-	6.5	-	22.9
Percent 65 years and over	38.6	36.7	50.5	16.1	32.5	66.9	19.6	22.6	59.8	59.7	-	57.1
Persons	6 716	4 295	2 421	373	442	659	511	785	569	219	23	113
Percent of all persons	8.2	8.3	8.0	43.3	9.6	12.9	10.3	18.4	10.5	5.6	48.9	3.8
Percent receiving Social Security income	24.9	28.0	19.4	24.4	24.7	42.8	15.9	21.3	36.0	34.2	-	22.1
Percent 65 years and over	25.0	28.6	18.8	19.0	26.2	47.0	13.7	22.4	49.7	35.2	-	17.7
Percent receiving Social Security income	83.7	81.3	89.9	91.5	79.3	86.8	82.9	76.1	66.1	89.6	-	...
Related children under 18 years	1 598	728	870	37	75	137	95	40	65	64	-	43
Percent living with both parents	63.3	47.5	76.4	-	26.7	47.4	100.0	20.0	49.2	48.4	-	32.6
Households	2 114	1 755	359	135	167	347	175	369	228	91	-	39
Percent of all households	10.3	11.2	7.6	41.0	12.0	19.4	10.6	22.0	14.5	7.9	-	4.6
Owner occupied	878	642	236	-	67	168	62	54	131	63	-	15
Mean value of unit	\$15 900	\$17 300	\$12 200	-	\$14 800	\$13 700	\$24 500	\$19 600	\$15 000	\$14 800	-	...
Renter occupied	1 236	1 113	123	135	100	179	113	315	97	28	-	24
Mean gross rent	\$103	\$107	\$68	\$91	\$107	\$81	\$126	\$100	\$92	\$144	-	...
Percent lacking some or all plumbing facilities	14.1	14.1	14.5	47.4	9.6	20.7	-	19.2	7.0	-	-	...

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

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	Rochester—Con.							Balance of Olmsted County				
	Tract 0011	Tract 0012	Tract 0013	Tract 0014	Tract 0015	Tract 0016	Tract 0017	Tract 0004	Tract 0005	Tract 0007	Tract 0009	Tract 0010
INCOME IN 1969 OF FAMILIES AND UNRELATED INDIVIDUALS												
All families	184	252	589	936	1 507	1 086	263	—	11	102	1 575	...
Less than \$1,000	6	5	—	5	—	5	10	—	—	—	6	...
\$1,000 to \$1,999	5	—	—	—	18	—	—	—	—	—	17	...
\$2,000 to \$2,999	—	—	—	—	20	23	11	—	—	18	44	...
\$3,000 to \$3,999	5	—	7	—	26	10	4	—	—	10	29	...
\$4,000 to \$4,999	—	5	16	19	8	32	11	—	—	5	28	...
\$5,000 to \$5,999	20	10	16	55	24	10	—	—	—	4	50	...
\$6,000 to \$6,999	5	24	15	34	22	26	14	—	—	—	89	...
\$7,000 to \$7,999	6	—	34	42	55	36	5	—	—	17	97	...
\$8,000 to \$8,999	21	35	26	75	79	61	26	—	—	—	194	...
\$9,000 to \$9,999	10	19	42	54	81	32	5	—	5	5	179	...
\$10,000 to \$11,999	26	54	126	242	207	128	65	—	—	6	332	...
\$12,000 to \$14,999	43	44	209	248	384	195	67	—	—	—	309	...
\$15,000 to \$24,999	33	33	95	162	510	383	45	—	6	22	176	...
\$25,000 to \$49,999	4	15	3	—	73	130	—	—	—	15	25	...
\$50,000 or more	—	—	—	—	—	—	—	—	—	—	—	...
Median income	\$11 077	\$10 852	\$12 179	\$11 521	\$13 668	\$14 769	\$11 400	—	—	\$7 824	\$10 328	...
Mean income	\$11 358	\$12 592	\$11 792	\$11 593	\$13 959	\$16 495	\$10 826	—	—	\$12 296	\$10 688	...
Families and unrelated individuals	299	365	623	1 152	1 707	1 314	370	—	65	165	1 786	...
Median income	\$8 592	\$8 917	\$12 062	\$11 026	\$13 059	\$13 402	\$9 600	—	\$6 500	\$4 795	\$9 832	...
Mean income	\$8 998	\$10 136	\$11 476	\$10 628	\$13 010	\$14 658	\$8 722	—	\$6 064	\$9 402	\$10 008	...
Unrelated individuals	115	113	34	216	200	228	107	—	54	63	211	...
Median income	\$4 500	\$4 050	\$3 929	\$6 455	\$5 444	\$4 615	\$2 813	—	\$4 400	\$977	\$3 711	...
Mean income	\$5 223	\$4 658	\$6 010	\$6 447	\$5 861	\$5 908	\$3 551	—	\$4 729	\$4 716	\$4 934	...
TYPE OF INCOME IN 1969 OF FAMILIES												
All families	184	252	589	936	1 507	1 086	263	—	11	102	1 575	...
With wage or salary income	177	252	589	914	1 492	1 017	242	—	11	96	1 491	...
Mean wage or salary income	\$10 640	\$11 620	\$11 135	\$11 312	\$13 093	\$15 156	\$10 307	—	—	\$11 293	\$9 976	...
With nonfarm self-employment income	30	19	42	35	169	127	11	—	—	10	173	...
Mean nonfarm self-employment income	\$3 720	—	\$4 107	\$7 750	\$4 820	\$11 706	—	—	—	—	\$4 786	...
With farm self-employment income	—	15	9	4	48	15	5	—	—	24	70	...
Mean farm self-employment income	—	—	—	—	\$1 052	—	—	—	—	—	\$5 495	...
With Social Security income	24	33	21	17	82	105	26	—	—	34	137	...
Mean Social Security income	—	\$1 379	—	—	\$1 404	\$1 747	\$2 121	—	—	\$2 535	\$1 747	...
With public assistance or public welfare income	—	—	11	9	29	6	5	—	—	—	48	...
Mean public assistance or public welfare income	—	—	—	—	\$1 764	—	—	—	—	—	\$1 775	...
With other income	53	152	266	420	843	589	61	—	11	43	426	...
Mean other income	\$801	\$652	\$591	\$430	\$557	\$1 427	\$3 002	—	—	\$510	\$989	...
RATIO OF FAMILY INCOME TO POVERTY LEVEL¹												
Percent of families with incomes:												
Less than .50 of poverty level	6.0	2.0	—	0.5	0.3	1.0	3.8	—	—	5.9	0.7	...
.50 to .74	—	2.0	—	—	1.9	—	4.2	—	—	—	1.7	...
.75 to .99	—	2.0	—	—	0.3	0.6	—	—	—	—	1.7	...
1.00 to 1.24	2.7	—	2.0	2.2	1.2	1.0	1.5	—	—	10.8	1.7	...
1.25 to 1.49	—	2.0	1.9	2.1	1.5	0.5	—	—	—	19.6	3.8	...
1.50 to 1.99	10.9	2.0	9.3	9.1	5.6	5.6	8.0	—	—	—	11.2	...
2.00 to 2.99	26.6	39.3	37.4	33.3	25.9	16.3	29.3	—	—	—	33.8	...
3.00 or more	53.8	50.8	49.4	52.7	63.2	75.0	53.2	—	—	41.2	45.5	...
INCOME BELOW POVERTY LEVEL¹												
Families	11	15	—	5	38	17	21	—	—	6	64	...
Percent of all families	6.0	6.0	—	0.5	2.5	1.6	8.0	—	—	5.9	4.1	...
Mean family income	—	—	—	—	\$1 943	—	—	—	—	—	\$2 138	...
Mean income deficit	—	—	—	—	\$1 183	—	—	—	—	—	\$1 051	...
Percent receiving public assistance income	—	—	—	—	—	—	—	—	—	—	21.9	...
Mean size of family	—	—	—	—	3.16	—	—	—	—	—	3.45	...
With related children under 18 years	6	10	—	—	34	11	17	—	—	6	34	...
Mean number of related children under 18 years	—	—	—	—	1.74	—	—	—	—	—	2.85	...
With related children under 6 years	—	10	—	—	20	5	6	—	—	—	29	...
Mean number of related children under 6 years	—	—	—	—	—	—	—	—	—	—	1.52	...
Families with female head	11	—	—	—	15	11	11	—	—	—	14	...
With related children under 18 years	6	—	—	—	15	11	11	—	—	—	14	...
Mean number of related children under 18 years	—	—	—	—	—	—	—	—	—	—	—	...
With related children under 6 years	—	—	—	—	15	5	—	—	—	—	14	...
Percent in labor force	—	—	—	—	—	—	—	—	—	—	—	...
Mean number of related children under 6 years	—	—	—	—	—	—	—	—	—	—	—	...
Family heads	11	15	—	5	38	17	21	—	—	6	64	...
Percent 65 years and over	—	—	—	—	—	—	—	—	—	—	46.9	...
Civilian male heads under 65 years	—	15	—	5	23	—	10	—	—	6	20	...
Percent in labor force	—	—	—	—	—	—	—	—	—	—	—	...
Unrelated individuals	27	34	4	58	56	16	34	—	12	37	67	...
Percent of all unrelated individuals	23.5	30.1	11.8	26.9	28.0	7.0	31.8	—	22.2	58.7	31.8	...
Mean income	\$693	\$1 185	—	\$912	\$1 113	—	\$1 050	—	—	\$141	\$881	...
Mean income deficit	\$1 145	\$598	—	\$959	\$699	—	\$758	—	—	\$1 681	\$947	...
Percent receiving public assistance income	—	—	—	10.3	—	—	38.2	—	—	—	7.5	...
Percent 65 years and over	11.1	70.6	—	—	42.9	—	76.5	—	—	10.8	38.8	...
Persons	55	119	4	68	176	74	105	—	12	85	288	...
Percent of all persons	7.3	11.6	0.2	1.8	2.7	1.7	10.5	—	12.0	20.7	4.4	...
Percent receiving Social Security income	23.6	32.8	—	48.5	17.6	36.5	24.8	—	—	4.7	24.7	...
Percent 65 years and over	5.5	20.2	—	—	13.6	36.5	24.8	—	—	4.7	27.1	...
Percent receiving Social Security income	—	—	—	—	—	100.0	100.0	—	—	—	84.6	...
Related children under 18 years	10	44	—	—	52	27	39	—	—	35	96	...
Percent living with both parents	—	100.0	—	—	61.5	—	12.8	—	—	—	60.4	...
Households	25	39	—	10	57	22	51	—	—	—	52	...
Percent of all households	9.9	11.9	—	1.0	3.6	1.9	13.9	—	—	—	4.1	...
Owner occupied	6	14	—	—	43	11	6	—	—	—	33	...
Mean value of unit	—	—	—	—	\$29 500	—	—	—	—	—	\$16 900	...
Renter occupied	19	23	—	10	14	11	45	—	—	—	19	...
Mean gross rent	—	—	—	—	—	—	—	—	—	—	—	...
Percent lacking some or all plumbing facilities	—	20.5	—	—	—	—	—	—	—	—	11.5	...

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

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	Balance of Olmsted County—Con.											
	Tract 0011	Tract 0012	Tract 0013	Tract 0014	Tract 0015	Tract 0016	Tract 0017	Tract 0018	Tract 0019	Tract 0020	Tract 0021	Tract 0022
INCOME IN 1969 OF FAMILIES AND UNRELATED INDIVIDUALS												
All families	394	491	14	84	34	547	66	332	1 034	1 174	677	902
Less than \$1,000	—	8	—	—	—	—	—	—	77	27	4	20
\$1,000 to \$1,999	6	—	—	5	—	11	—	4	57	34	3	34
\$2,000 to \$2,999	8	—	—	7	—	5	4	6	67	73	13	42
\$3,000 to \$3,999	—	—	—	—	—	22	—	—	83	117	27	39
\$4,000 to \$4,999	15	14	—	—	4	30	—	8	69	69	14	65
\$5,000 to \$5,999	—	14	—	4	4	10	—	9	62	71	18	109
\$6,000 to \$6,999	16	21	—	8	—	39	4	19	52	100	43	57
\$7,000 to \$7,999	30	22	—	6	—	29	—	22	54	53	37	84
\$8,000 to \$8,999	18	21	—	9	—	43	8	14	94	87	14	59
\$9,000 to \$9,999	26	25	5	—	7	53	12	31	80	57	82	61
\$10,000 to \$11,999	36	28	5	15	6	81	16	59	154	189	154	163
\$12,000 to \$14,999	63	60	4	30	8	111	11	82	75	191	135	92
\$15,000 to \$24,999	103	121	—	—	5	93	5	59	93	76	117	60
\$25,000 to \$49,999	54	119	—	—	—	15	6	19	17	30	16	17
\$50,000 or more	19	38	—	—	—	5	—	—	—	—	—	—
Median income	\$14 000	\$17 686	...	\$10 400	\$10 667	\$10 778	\$10 625	\$11 797	\$7 926	\$8 494	\$11 084	\$8 017
Mean income	\$18 213	\$21 274	...	\$9 451	\$10 812	\$11 537	\$11 764	\$12 596	\$7 912	\$8 845	\$11 900	\$8 783
Families and unrelated individuals	465	534	14	88	34	672	66	384	1 158	1 372	794	984
Median income	\$12 793	\$16 473	...	\$10 133	\$10 667	\$10 273	\$10 625	\$10 915	\$7 204	\$7 507	\$10 442	\$7 663
Mean income	\$16 003	\$20 110	...	\$9 069	\$10 812	\$10 893	\$11 764	\$11 379	\$7 439	\$8 145	\$10 679	\$8 336
Unrelated individuals	71	43	—	4	—	125	—	52	124	198	117	82
Median income	\$1 457	\$6 214	...	...	...	\$4 808	...	\$4 250	\$2 095	\$2 844	\$2 536	\$2 286
Mean income	\$3 737	\$6 820	...	...	...	\$8 078	...	\$3 611	\$3 497	\$3 990	\$3 617	\$3 421
TYPE OF INCOME IN 1969 OF FAMILIES												
All families	394	491	14	84	34	547	66	332	1 034	1 174	677	902
With wage or salary income	378	449	14	65	34	502	66	324	775	879	624	742
Mean wage or salary income	\$14 045	\$18 820	...	\$8 092	\$10 429	\$10 428	\$8 810	\$10 517	\$8 119	\$7 160	\$9 526	\$7 854
With nonfarm self-employment income	66	96	5	11	4	48	13	39	65	171	154	94
Mean nonfarm self-employment income	\$10 759	\$10 986	...	...	...	\$7 267	...	\$9 168	\$4 518	\$4 061	\$8 605	\$4 382
With farm self-employment income	5	61	14	36	4	88	23	5	399	538	44	407
Mean farm self-employment income	...	\$3 281	...	\$4 201	...	\$4 271	...	...	\$2 636	\$4 486	\$1 550	\$2 857
With Social Security income	21	72	—	8	—	53	15	57	172	254	125	162
Mean Social Security income	...	\$1 749	...	...	...	\$1 444	...	\$1 418	\$1 166	\$1 451	\$1 956	\$1 498
With public assistance or public welfare income	8	—	—	—	—	6	2	—	29	35	28	11
Mean public assistance or public welfare income	...	...	...	...	...	...	...	...	\$553	\$1 284	\$2 654	...
With other income	141	261	4	28	4	213	45	192	316	429	337	260
Mean other income	\$7 911	\$2 354	...	\$1 646	...	\$1 254	\$893	\$1 683	\$1 032	\$1 328	\$1 186	\$1 045
RATIO OF FAMILY INCOME TO POVERTY LEVEL¹												
Percent of families with incomes:												
Less than .50 of poverty level	1.5	1.6	—	6.0	—	0.7	—	1.2	10.3	3.0	0.6	2.9
.50 to .74	—	—	—	—	—	—	—	—	4.0	2.2	0.4	2.9
.75 to .99	—	—	—	—	—	4.2	—	1.8	4.9	4.3	1.9	3.2
1.00 to 1.24	1.3	1.0	—	8.3	—	2.7	6.1	—	5.7	9.1	0.9	10.4
1.25 to 1.49	5.1	1.0	—	—	23.5	4.0	—	2.7	6.4	6.7	5.2	3.9
1.50 to 1.99	5.6	6.3	—	10.7	—	10.2	6.1	6.6	12.6	16.2	10.6	10.1
2.00 to 2.99	26.4	18.5	...	57.1	17.6	22.7	53.0	35.5	25.5	22.6	31.9	29.8
3.00 or more	60.2	71.5	...	17.9	58.8	55.4	34.8	52.1	30.7	35.9	48.4	36.8
INCOME BELOW POVERTY LEVEL¹												
Families	6	8	—	5	—	27	—	10	198	111	20	81
Percent of all families	1.5	1.6	—	6.0	—	4.9	—	3.0	19.1	9.5	3.0	9.0
Mean family income	...	...	...	...	...	\$2 748	...	...	\$1 271	\$2 189	...	\$1 402
Mean income deficit	...	...	...	...	...	\$1 093	...	...	\$1 821	\$1 378	...	\$1 177
Percent receiving public assistance income	...	...	...	...	...	...	...	...	8.1	12.6	...	3.7
Mean size of family	...	...	...	...	...	4.74	...	...	3.64	4.47	...	3.04
With related children under 18 years	6	—	—	5	—	20	—	4	112	86	—	34
Mean number of related children under 18 years	...	...	...	...	...	...	...	...	2.90	2.85	—	2.53
With related children under 6 years	—	—	—	5	—	20	—	—	65	44	—	22
Mean number of related children under 6 years	...	...	...	...	...	...	...	...	1.65	1.68	—	...
Families with female head	6	—	—	—	—	—	—	—	18	19	3	14
With related children under 18 years	6	—	—	—	—	—	—	—	13	14	—	7
Mean number of related children under 18 years	...	...	...	...	...	...	...	...	...	...	—	...
With related children under 6 years	—	—	—	—	—	—	—	—	—	10	—	7
Percent in labor force	—	—	—	—	—	—	—	—	—	—	—	...
Mean number of related children under 6 years	—	—	—	—	—	—	—	—	—	—	—	...
Family heads	6	8	—	5	—	27	—	10	198	111	20	81
Percent 65 years and over	—	—	—	—	—	25.9	—	—	19.7	21.6	...	40.7
Civilian male heads under 65 years	—	8	—	5	—	20	—	10	146	77	4	37
Percent in labor force	—	...	...	...	...	...	...	...	89.0	96.1	...	86.5
Unrelated individuals	48	15	—	4	—	11	—	25	51	56	47	35
Percent of all unrelated individuals	67.6	34.9	...	...	...	8.8	...	48.1	41.1	28.3	40.2	42.7
Mean income	\$755	...	...	...	...	...	...	\$570	\$690	\$1 117	\$1 188	\$997
Mean income deficit	\$1 063	...	...	...	...	...	...	\$1 180	\$1 053	\$585	\$633	\$669
Percent receiving public assistance income	—	—	—	—	—	—	—	—	7.8	16.1	10.6	...
Percent 65 years and over	47.9	...	...	...	...	...	...	100.0	47.1	91.1	55.3	62.9
Persons	84	31	—	34	—	139	—	57	771	552	87	281
Percent of all persons	5.0	1.5	—	7.9	—	6.7	—	4.2	19.7	11.3	3.0	8.0
Percent receiving Social Security income	27.4	16.1	—	—	—	5.0	—	54.4	14.3	16.8	50.6	28.8
Percent 65 years and over	27.4	16.1	—	—	—	5.0	—	43.9	12.1	15.9	56.3	29.5
Percent receiving Social Security income	...	...	...	...	...	...	...	100.0	88.2	100.0	89.8	78.3
Related children under 18 years	22	—	—	19	—	72	—	13	281	242	—	90
Percent living with both parents	—	—	—	...	...	100.0	—	...	85.8	77.7	—	82.2
Households	22	—	—	5	—	—	—	30	94	56	63	37
Percent of all households	5.6	—	—	13.9	—	—	—	8.4	24.6	9.7	8.9	15.8
Owner occupied	16	—	—	—	—	—	—	25	60	41	36	25
Mean value of unit	...	...	...	...	...	...	...	\$11 700	\$11 900	\$10 700	\$8 600	\$9 800
Renter occupied	6	—	—	5	—	—	—	5	34	15	27	12
Mean gross rent	...	...	...	...	...	...	...	...	\$50	...	\$69	...
Percent lacking some or all plumbing facilities	—	—	—	—	—	—	—	—	19.1	—	22.2	37.8

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

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										
	Tract 0004	Tract 0005	Tract 0007	Tract 0010	Tract 0011	Tract 0012	Tract 0013	Tract 0014	Tract 0015	Tract 0016	Tract 0017
INCOME IN 1969 OF FAMILIES AND UNRELATED INDIVIDUALS											
All families	1 107	810	1 144	749	578	743	603	1 020	1 541	1 633	329
Less than \$1,000	4	9	—	—	6	13	—	5	18	5	10
\$1,000 to \$1,999	23	23	21	—	11	—	—	5	20	28	15
\$2,000 to \$2,999	53	57	40	19	8	—	—	7	26	32	4
\$3,000 to \$3,999	27	41	72	43	5	5	7	19	26	62	11
\$4,000 to \$4,999	52	46	53	26	15	19	16	59	28	20	—
\$5,000 to \$5,999	22	66	16	14	20	24	16	42	22	65	18
\$6,000 to \$6,999	46	30	46	35	21	45	15	34	55	65	5
\$7,000 to \$7,999	49	42	72	37	36	22	34	48	79	104	34
\$8,000 to \$8,999	42	28	68	44	39	56	26	84	88	85	17
\$9,000 to \$9,999	41	47	123	41	36	44	47	54	213	209	81
\$10,000 to \$11,999	79	139	193	121	62	82	131	257	392	306	78
\$12,000 to \$14,999	107	113	182	163	106	104	213	278	515	476	50
\$15,000 to \$24,999	239	150	212	192	136	154	95	162	73	145	6
\$25,000 to \$49,999	285	19	46	4	58	134	3	—	—	20	—
\$50,000 or more	38	—	—	10	19	41	—	—	—	—	—
Median income	\$15 356	\$10 230	\$10 632	\$11 909	\$12 849	\$13 774	\$12 134	\$11 455	\$13 603	\$13 279	\$11 247
Mean income	\$19 105	\$10 402	\$11 645	\$12 459	\$16 031	\$18 329	\$11 776	\$11 416	\$13 890	\$14 834	\$11 014
Families and unrelated individuals	2 639	2 659	1 410	926	764	899	637	1 240	1 741	1 986	436
Median income	\$6 063	\$4 040	\$9 690	\$10 661	\$10 763	\$11 807	\$12 020	\$10 979	\$13 009	\$12 203	\$10 074
Mean income	\$16 604	\$5 680	\$10 329	\$11 015	\$13 262	\$16 060	\$11 468	\$10 517	\$12 968	\$13 384	\$9 183
Unrelated individuals	1 532	1 849	266	177	186	156	34	220	200	353	107
Median income	\$3 145	\$2 877	\$3 038	\$3 971	\$3 600	\$4 467	\$3 929	\$6 364	\$5 444	\$4 679	\$2 813
Mean income	\$4 461	\$3 611	\$4 666	\$4 902	\$4 655	\$5 254	\$6 010	\$6 349	\$5 861	\$6 676	\$3 551
TYPE OF INCOME IN 1969 OF FAMILIES											
All families	1 107	810	1 144	749	578	743	603	1 020	1 541	1 633	329
With wage or salary income	941	720	1 023	715	555	701	603	979	1 526	1 519	308
Mean wage or salary income	\$17 953	\$9 511	\$10 636	\$11 608	\$12 959	\$16 232	\$10 978	\$11 098	\$13 034	\$13 593	\$9 986
With nonfarm self-employment income	169	100	151	88	96	115	47	46	173	175	24
Mean nonfarm self-employment income	\$10 434	\$7 655	\$6 761	\$4 438	\$8 559	\$9 733	\$4 250	\$7 104	\$4 722	\$10 488	...
With farm self-employment income	33	14	53	10	5	76	23	40	52	103	28
Mean farm self-employment income	-\$1 144	33	184	...	...	\$3 107	...	\$3 776	\$1 167	\$3 525	\$5 504
With Social Security income	219	171	...	83	45	105	21	25	82	158	41
Mean Social Security income	\$1 817	\$1 762	\$1 926	\$1 935	\$2 041	\$1 632	...	\$1 858	\$1 404	\$1 646	\$1 816
With public assistance or public welfare income	—	8	50	32	8	—	11	9	29	12	7
Mean public assistance or public welfare income	—	...	\$1 438	\$1 094	...	...	...	...	\$1 764	...	...
With other income	568	329	576	348	194	413	270	448	847	802	106
Mean other income	\$3 755	\$1 467	\$1 648	\$991	\$5 969	\$1 727	\$657	\$506	\$556	\$1 381	\$2 107
RATIO OF FAMILY INCOME TO POVERTY LEVEL¹											
Percent of families with incomes:											
Less than .50 of poverty level	2.1	2.5	1.0	—	2.9	1.7	—	1.0	0.3	0.9	3.0
.50 to .74	1.7	2.0	1.2	0.5	—	0.7	—	—	1.8	—	3.3
.75 to .99	1.4	2.6	2.0	1.9	—	0.7	—	—	0.3	1.8	—
1.00 to 1.24	2.6	4.7	1.9	2.3	1.7	0.7	2.0	2.7	1.2	1.6	2.4
1.25 to 1.49	2.1	6.8	7.6	2.4	3.5	1.3	1.8	2.0	2.0	1.7	—
1.50 to 1.99	4.9	10.7	7.1	10.5	7.3	4.8	9.1	9.2	5.5	7.2	7.6
2.00 to 2.99	13.4	19.8	28.5	23.8	26.5	25.6	37.3	35.3	25.8	18.4	34.0
3.00 or more	71.9	51.0	50.7	58.6	58.1	64.5	49.8	49.8	63.1	68.5	49.5
INCOME BELOW POVERTY LEVEL¹											
Families	57	57	48	18	17	23	—	10	38	44	21
Percent of all families	5.1	7.0	4.2	2.4	2.9	3.1	—	1.0	2.5	2.7	6.4
Mean family income	\$1 933	\$1 581	\$2 361	...	...	...	...	...	\$1 943	\$2 286	...
Mean income deficit	\$1 480	\$1 211	\$1 061	...	...	...	...	...	\$1 183	\$1 331	...
Percent receiving public assistance income	—	7.0	35.4	...	...	...	...	...	—	—	...
Mean size of family	3.60	2.61	3.96	...	...	...	...	...	3.16	4.23	...
With related children under 18 years	34	30	28	14	12	10	—	5	34	31	17
Mean number of related children under 18 years	2.50	1.50	3.79	...	...	...	...	...	1.74	3.32	...
With related children under 6 years	20	25	17	—	—	10	—	5	20	25	6
Mean number of related children under 6 years	...	1.20	...	...	...	...	...	...	...	1.24	...
Families with female head	—	8	15	9	17	—	—	—	15	11	11
With related children under 18 years	—	4	11	9	12	—	—	—	15	11	11
Mean number of related children under 18 years	—	...	...	...	...	...	...	...	...	...	...
With related children under 6 years	—	4	11	—	—	—	—	—	15	5	—
Percent in labor force	—	—	—	—	—	—	—	—	—	—	—
Mean number of related children under 6 years	—	...	...	...	...	...	...	...	...	...	...
Family heads	57	57	48	18	17	23	—	10	38	44	21
Percent 65 years and over	17.5	28.1	41.7	—	—	—	—	—	—	29.5	—
Civilian male heads under 65 years	47	33	17	9	—	23	—	10	23	20	10
Percent in labor force	100.0	84.8	...	...	...	...	...	...	...	...	...
Unrelated individuals	306	648	114	35	75	49	4	62	56	27	34
Percent of all unrelated individuals	25.7	35.0	42.9	19.8	40.3	31.4	11.8	28.2	28.0	7.6	31.8
Mean income	\$772	\$934	\$719	\$1 223	\$733	\$1 027	...	\$921	\$1 113	\$1 387	\$1 050
Mean income deficit	\$1 059	\$897	\$1 088	\$592	\$1 092	\$778	...	\$938	\$699	\$412	\$758
Percent receiving public assistance income	2.9	5.9	4.4	22.9	—	—	—	9.7	—	—	38.2
Percent 65 years and over	19.6	22.2	43.9	57.1	34.7	59.2	—	—	42.9	59.3	76.5
Persons	511	797	304	113	139	150	4	102	176	213	105
Percent of all persons	10.3	18.2	7.1	3.8	5.7	4.9	0.2	2.4	2.7	3.3	8.0
Percent receiving Social Security income	15.9	21.0	26.0	22.1	25.9	29.3	—	32.4	17.6	16.0	24.8
Percent 65 years and over	13.7	22.1	26.6	17.7	18.7	19.3	—	—	13.6	16.0	24.8
Percent receiving Social Security income	82.9	76.1	90.1	...	100.0	100.0	—	—	...	100.0	100.0
Related children under 18 years	95	40	99	43	32	44	—	19	52	99	39
Percent living with both parents	100.0	20.0	31.3	32.6	—	100.0	—	...	61.5	72.7	12.8
Households	175	369	91	39	47	39	—	15	57	22	51
Percent of all households	10.6	21.7	7.6	4.6	7.3	5.4	—	1.4	3.5	1.6	13.0
Owner occupied	62	54	63	15	22	16	—	—	43	11	6
Mean value of unit	\$24 500	\$19 600	\$14 800	...	...	...	...	...	\$29 500	...	...
Renter occupied	113	315	28	24	25	23	—	15	14	11	45
Mean gross rent	\$126	\$100	\$144	...	\$132	...	...	...	...	...	\$200
Percent lacking some or all plumbing facilities	—	19.2	—	—	—	20.5	—	—	—	—	—

¹Excludes 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**

Olmsted County			
	Total	Rochester	Balance
AGE BY SEX			
Male, all ages -----			
Under 5 years	96	96	--
3 and 4 years	18	18	--
5 to 9 years	5	5	--
5 years	9	9	--
6 years	--	--	--
10 to 14 years	9	9	--
14 years	--	--	--
15 to 19 years	4	4	--
15 years	--	--	--
16 years	--	--	--
17 years	4	4	--
18 years	--	--	--
19 years	--	--	--
20 to 24 years	12	12	--
20 years	4	4	--
21 years	4	4	--
25 to 34 years	16	16	--
35 to 44 years	28	28	--
45 to 54 years	--	--	--
55 to 59 years	--	--	--
60 to 64 years	--	--	--
65 to 74 years	--	--	--
75 years and over	--	--	--
Female, all ages -----			
Under 5 years	86	86	--
3 and 4 years	--	--	--
5 to 9 years	8	8	--
5 years	--	--	--
6 years	--	--	--
10 to 14 years	4	4	--
14 years	--	--	--
15 to 19 years	--	--	--
15 years	--	--	--
16 years	--	--	--
17 years	--	--	--
18 years	--	--	--
19 years	--	--	--
20 to 24 years	24	24	--
20 years	--	--	--
21 years	--	--	--
25 to 34 years	21	21	--
35 to 44 years	9	9	--
45 to 54 years	4	4	--
55 to 59 years	--	--	--
60 to 64 years	--	--	--
65 to 74 years	5	5	--
75 years and over	11	11	--
RELATIONSHIP TO HEAD OF HOUSEHOLD			
All persons -----			
In households	182	182	--
Head of household	149	149	--
Head of family	55	55	--
Primary individual	31	31	--
Wife of head	24	24	--
Other relative of head	36	36	--
Not related to head	58	58	--
In group quarters	--	--	--
Persons per household	33	33	--
	2.71	2.71	--
TYPE OF HOUSEHOLD			
All households -----			
Male primary individual	55	55	--
Female primary individual	12	12	--
Husband-wife households	12	12	--
Households with other male head	31	31	--
Households with female head	--	--	--
SCHOOL ENROLLMENT			
Persons, 16 to 21 years old -----			
Not attending school	12	12	--
Not high school graduates	4	4	--
Percent of total	4	4	--
YEARS OF SCHOOL COMPLETED			
Persons, 25 years old and over -----			
No school years completed	94	94	--
Elementary: 1 to 4 years	--	--	--
5 to 7 years	--	--	--
8 years	5	5	--
High school: 1 to 3 years	--	--	--
4 years	--	--	--
College: 1 to 3 years	17	17	--
4 years or more	26	26	--
Median school years completed	46	46	--
Percent high school graduates	15.9	15.9	--
	94.7	94.7	--
RESIDENCE IN 1965			
Persons, 5 years old and over, 1970¹ -----			
Same house as in 1970	187	187	--
Different house:	46	46	--
In central city of this SMSA	--	--	--
In other part of this SMSA	27	27	--
Outside this SMSA	--	--	--
North and West	98	98	--
South	58	58	--
Abroad	40	40	--
	11	11	--

¹Includes "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**

Olmsted County			
	Total	Rochester	Balance
EMPLOYMENT STATUS AND OCCUPATION			
<i>Male, 16 years old and over</i>			
Male, 16 years old and over	60	60	--
Labor force	40	40	--
Civilian labor force	40	40	--
Employed	40	40	--
Unemployed	--	--	--
Not in labor force	20	20	--
<i>Female, 16 years old and over</i>			
Female, 16 years old and over	74	74	--
Labor force	41	41	--
Civilian labor force	34	34	--
Employed	34	34	--
Unemployed	--	--	--
Not in labor force	33	33	--
Married women in labor force, husband present	14	14	--
With own children under 6 years	--	--	--
Total employed, 16 years old and over	74	74	--
Professional, technical, and kindred workers	57	57	--
Managers and administrators, except farm	--	--	--
Sales workers	--	--	--
Clerical and kindred workers	--	--	--
Craftsmen, foremen, and kindred workers	--	--	--
Operatives, except transport	4	4	--
Transport equipment operatives	--	--	--
Laborers, except farm	--	--	--
Farm workers	--	--	--
Service workers, except private household	13	13	--
Private household workers	--	--	--
Female employed, 16 years old and over	34	34	--
Professional, technical, and kindred workers	17	17	--
Managers and administrators, except farm	--	--	--
Sales workers	--	--	--
Clerical and kindred workers	--	--	--
Operatives, including transport	4	4	--
Other blue-collar workers	--	--	--
Farm workers	--	--	--
Service workers, except private household	13	13	--
Private household workers	--	--	--
FAMILY INCOME IN 1969			
<i>All families</i>			
All families	31	31	--
Less than \$1,000	--	--	--
\$1,000 to \$1,999	--	--	--
\$2,000 to \$2,999	--	--	--
\$3,000 to \$3,999	--	--	--
\$4,000 to \$4,999	--	--	--
\$5,000 to \$5,999	4	4	--
\$6,000 to \$6,999	--	--	--
\$7,000 to \$7,999	5	5	--
\$8,000 to \$8,999	--	--	--
\$9,000 to \$9,999	--	--	--
\$10,000 or more	22	22	--
Median income: Families	\$13 500	\$13 500	--
Families and unrelated individuals	\$5 125	\$5 125	--
RATIO OF FAMILY INCOME TO POVERTY LEVEL¹			
Percent of families with incomes:			
Less than .50 of poverty level	--	--	--
.50 to .74	--	--	--
.75 to .99	--	--	--
1.00 to 1.24	--	--	--
1.25 to 1.49	16.1	16.1	--
1.50 to 1.99	--	--	--
2.00 or more	83.9	83.9	--
INCOME BELOW POVERTY LEVEL¹			
<i>Families</i>			
Families	--	--	--
Percent of all families	--	--	--
Mean family income	--	--	--
Mean income deficit	--	--	--
Percent receiving public assistance income	--	--	--
Mean size of family	--	--	--
With related children under 18 years	--	--	--
Mean number of related children under 18 years	--	--	--
With related children under 6 years	--	--	--
Mean number of related children under 6 years	--	--	--
Families with female head	--	--	--
With related children under 18 years	--	--	--
Mean number of related children under 18 years	--	--	--
With related children under 6 years	--	--	--
Mean number of related children under 6 years	--	--	--
Percent in labor force	--	--	--
Mean number of related children under 6 years	--	--	--
<i>Family heads</i>	--	--	--
Percent 65 years and over	--	--	--
Civilian male heads under 65 years	--	--	--
Percent in labor force	--	--	--
<i>Unrelated individuals</i>	25	25	--
Percent of all unrelated individuals	48.1	48.1	--
Mean income	\$950	\$950	--
Mean income deficit	\$942	\$942	--
Percent receiving public assistance income	--	--	--
Percent 65 years and over	20.0	20.0	--
<i>Persons</i>	25	25	--
Percent of all persons	14.1	14.1	--
Percent receiving Social Security income	60.0	60.0	--
Percent 65 years and over	44.0	44.0	--
Percent receiving Social Security income	--	--	--
Related children under 18 years	--	--	--
Percent living with both parents	--	--	--
<i>Households</i>	9	9	--
Percent of all households	16.4	16.4	--
Owner occupied	5	5	--
Mean value of unit	--	--	--
Renter occupied	4	4	--
Mean gross rent	--	--	--
Percent lacking some or all plumbing facilities	--	--	--

¹Excludes 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**

Olmsted County			
	Total	Rochester	Balance
AGE BY SEX			
Male, all ages	285	224	61
Under 5 years	83	67	16
3 and 4 years	40	32	8
5 to 9 years	27	27	-
5 years	-	-	-
6 years	-	-	-
10 to 14 years	16	6	10
14 years	6	6	-
15 to 19 years	11	11	-
15 years	-	-	-
16 years	11	11	-
17 years	-	-	-
18 years	-	-	-
19 years	-	-	-
20 to 24 years	11	11	-
20 years	-	-	-
21 years	-	-	-
25 to 34 years	67	60	7
35 to 44 years	48	35	13
45 to 54 years	7	-	7
55 to 59 years	7	7	-
60 to 64 years	8	-	8
65 to 74 years	-	-	-
75 years and over	-	-	-
Female, all ages	303	280	23
Under 5 years	57	57	-
3 and 4 years	30	30	-
5 to 9 years	40	40	-
5 years	10	10	-
6 years	14	14	-
10 to 14 years	27	27	-
14 years	6	6	-
15 to 19 years	34	34	-
15 years	26	26	-
16 years	-	-	-
17 years	8	8	-
18 years	-	-	-
19 years	-	-	-
20 to 24 years	48	41	7
20 years	5	5	-
21 years	-	-	-
25 to 34 years	50	42	8
35 to 44 years	25	25	-
45 to 54 years	15	7	8
55 to 59 years	7	7	-
60 to 64 years	-	-	-
65 to 74 years	-	-	-
75 years and over	-	-	-
RELATIONSHIP TO HEAD OF HOUSEHOLD			
All persons	588	504	84
In households	577	493	84
Head of household	134	105	29
Head of family	129	100	29
Primary individual	5	5	-
Wife of head	117	94	23
Other relative of head	307	275	32
Not related to head	19	19	-
In group quarters	11	11	-
Persons per household	4.31	4.70	...
TYPE OF HOUSEHOLD			
All households	134	105	29
Male primary individual	5	5	-
Female primary individual	-	-	-
Husband-wife households	115	93	22
Households with other male head	7	-	7
Households with female head	7	7	-
SCHOOL ENROLLMENT			
Persons, 16 to 21 years old	24	24	-
Not attending school	5	5	-
Not high school graduates	-	-	-
Percent of total	-	-	-
YEARS OF SCHOOL COMPLETED			
Persons, 25 years old and over	234	183	51
No school years completed	-	-	-
Elementary: 1 to 4 years	-	-	-
5 to 7 years	-	-	-
8 years	-	-	-
High school: 1 to 3 years	20	20	-
4 years	53	31	22
College: 1 to 3 years	40	26	14
4 years or more	121	106	15
Median school years completed	16.5	17+	13.8
Percent high school graduates	91.5	89.1	100.0
RESIDENCE IN 1965			
Persons, 5 years old and over, 1970¹	448	380	68
Same house as in 1970	125	86	39
Different house:			
In central city of this SMSA	44	44	-
In other part of this SMSA	42	42	-
Outside this SMSA	166	158	8
North and West	124	116	8
South	42	42	-
Abroad	71	50	21

¹Includes "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**

Olmsted County			
	Total	Rochester	Balance
EMPLOYMENT STATUS AND OCCUPATION			
Male, 16 years old and over	159	124	35
Labor force.....	159	124	35
Civilian labor force.....	159	124	35
Employed.....	149	114	35
Unemployed.....	10	10	-
Not in labor force.....	-	-	-
Female, 16 years old and over	153	130	23
Labor force.....	82	74	8
Civilian labor force.....	82	74	8
Employed.....	82	74	8
Unemployed.....	-	-	-
Not in labor force.....	71	56	15
Married women in labor force, husband present.....	63	55	8
With own children under 6 years.....	44	44	-
Total employed, 16 years old and over	231	188	43
Professional, technical, and kindred workers.....	118	103	15
Managers and administrators, except farm.....	17	17	-
Sales workers.....	13	13	-
Clerical and kindred workers.....	7	18	7
Craftsmen, foremen, and kindred workers.....	5	5	-
Operatives, except transport.....	-	-	-
Transport equipment operatives.....	-	-	-
Laborers, except farm.....	13	-	13
Farm workers.....	40	32	8
Service workers, except private household.....	-	-	-
Private household workers.....	-	-	-
Female employed, 16 years old and over	82	74	8
Professional, technical, and kindred workers.....	27	27	-
Managers and administrators, except farm.....	9	9	-
Sales workers.....	6	6	-
Clerical and kindred workers.....	18	18	-
Operatives, including transport.....	-	-	-
Other blue-collar workers.....	-	-	-
Farm workers.....	-	-	-
Service workers, except private household.....	22	14	8
Private household workers.....	-	-	-
FAMILY INCOME IN 1969			
All families	129	100	29
Less than \$1,000.....	-	-	-
\$1,000 to \$1,999.....	-	-	-
\$2,000 to \$2,999.....	-	-	-
\$3,000 to \$3,999.....	-	-	-
\$4,000 to \$4,999.....	7	-	7
\$5,000 to \$5,999.....	-	-	-
\$6,000 to \$6,999.....	-	-	-
\$7,000 to \$7,999.....	15	15	-
\$8,000 to \$8,999.....	15	15	-
\$9,000 to \$9,999.....	12	12	-
\$10,000 or more.....	80	58	22
Median income: Families.....	\$13 722	\$13 846	...
Families and unrelated individuals.....	\$11 429	\$9 792	...
RATIO OF FAMILY INCOME TO POVERTY LEVEL¹			
Percent of families with incomes:			
Less than .50 of poverty level.....	-	-	-
.50 to .74.....	-	-	-
.75 to .99.....	-	-	-
1.00 to 1.24.....	-	-	-
1.25 to 1.49.....	-	-	-
1.50 to 1.99.....	20.2	19.0	...
2.00 or more.....	79.8	81.0	...
INCOME BELOW POVERTY LEVEL¹			
Families	-	-	-
Percent of all families.....	-	-	-
Mean family income.....	-	-	-
Mean income deficit.....	-	-	-
Percent receiving public assistance income.....	-	-	-
Mean size of family.....	-	-	-
With related children under 18 years.....	-	-	-
Mean number of related children under 18 years.....	-	-	-
With related children under 6 years.....	-	-	-
Mean number of related children under 6 years.....	-	-	-
Families with female head.....	-	-	-
With related children under 18 years.....	-	-	-
Mean number of related children under 18 years.....	-	-	-
With related children under 6 years.....	-	-	-
Percent in labor force.....	-	-	-
Mean number of related children under 6 years.....	-	-	-
Family heads	-	-	-
Percent 65 years and over.....	-	-	-
Civilian male heads under 65 years.....	-	-	-
Percent in labor force.....	-	-	-
Unrelated individuals	19	19	-
Percent of all unrelated individuals.....	54.3	54.3	-
Mean income.....	...	...	-
Mean income deficit.....	...	...	-
Percent receiving public assistance income.....	-	-	-
Percent 65 years and over.....	-	-	-
Persons	19	19	-
Percent of all persons.....	3.2	3.8	-
Percent receiving Social Security income.....	-	-	-
Percent 65 years and over.....	-	-	-
Percent receiving Social Security income.....	-	-	-
Related children under 18 years.....	-	-	-
Percent living with both parents.....	-	-	-
Households	-	-	-
Percent of all households.....	-	-	-
Owner occupied.....	-	-	-
Mean value of unit.....	-	-	-
Renter occupied.....	-	-	-
Mean gross rent.....	-	-	-
Percent lacking some or all plumbing facilities.....	-	-	-

¹Excludes 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	Olmsted County			Rochester								
	Total	Rochester	Balance	Tract 0001	Tract 0002	Tract 0003	Tract 0004	Tract 0005	Tract 0006	Tract 0007	Tract 0008	Tract 0010
All housing units	26 639	18 068	8 571	522	1 641	2 063	1 889	1 978	1 858	1 203	2	942
Vacant—seasonal and migratory	75	1	74	—	—	1	—	—	—	—	—	—
All year-round housing units	26 564	18 067	8 497	522	1 641	2 062	1 889	1 978	1 858	1 203	2	942
TENURE, RACE, AND VACANCY STATUS												
Owner occupied	17 519	10 721	6 798	73	987	1 213	978	654	1 153	1 008	...	605
Cooperative and condominium	32	32	—	—	—	6	26	—	—	—	...	—
White	17 460	10 673	6 787	71	983	1 207	975	653	1 149	1 005	...	604
Negro	29	23	6	2	1	2	1	3	2	2	...	1
Renter occupied	7 683	6 325	1 358	358	575	766	803	1 215	622	178	...	285
White	7 559	6 210	1 349	350	553	759	786	1 188	618	177	...	280
Negro	39	36	3	3	4	1	4	2	2	—	...	2
Vacant year-round	1 362	1 021	341	91	79	83	108	109	83	17	...	52
For sale only	203	151	52	1	8	11	12	3	10	6	...	14
Vacant less than 6 months	167	126	41	—	6	7	—	—	6	3	...	13
Median price asked	\$28 100	\$29 800	\$19 700	...	\$14 600	\$17 500	\$35 000	...	\$36 500	...	...	\$26 300
For rent	721	634	87	36	55	51	68	84	51	3	...	30
Vacant less than 2 months	462	416	46	35	42	24	47	74	31	...	...	19
Median rent asked	\$147	\$149	\$107	\$74	\$111	\$84	\$167	\$107	\$137	...	...	\$171
Other	438	236	202	54	16	21	28	22	22	8	...	8
LACKING SOME OR ALL PLUMBING FACILITIES												
All units	1 364	812	552	217	54	181	22	198	60	7	...	13
Owner occupied	435	104	331	5	14	12	3	14	14	6	...	11
Negro	1	1	—	—	—	—	—	—	—	—	...	—
Renter occupied	674	554	120	156	37	136	16	162	39	—	...	1
Negro	2	2	—	—	—	—	—	—	—	—	...	—
Vacant year-round	255	154	101	56	3	33	3	22	7	1	...	1
For sale only	35	26	9	—	1	—	—	—	—	1	...	—
For rent	70	58	12	6	2	25	2	15	6	—	...	1
COMPLETE KITCHEN FACILITIES AND ACCESS												
Lacking complete kitchen facilities	799	437	362	153	9	68	32	94	15	8	...	15
Access only through other living quarters	25	22	3	2	1	2	—	11	3	—	...	—
ROOMS												
1 room	688	637	51	197	29	74	62	154	35	1	...	4
2 rooms	1 311	1 191	120	107	78	143	208	289	110	16	...	29
3 rooms	3 036	2 573	463	99	219	336	313	536	289	62	...	85
4 rooms	4 585	3 171	1 414	46	383	374	230	300	377	211	...	268
5 rooms	6 509	4 293	2 216	24	389	492	255	238	462	426	...	252
6 rooms	4 352	2 651	1 701	25	300	377	192	186	275	271	...	147
7 rooms	2 937	1 751	1 186	11	152	169	189	147	184	119	...	92
8 rooms	1 742	1 003	739	6	64	64	157	86	78	71	...	41
9 rooms or more	1 404	797	607	7	27	33	283	42	48	26	...	24
Median	5.1	4.8	5.5	2.1	4.8	4.7	5.0	3.5	4.8	5.2	...	4.8
All occupied housing units	25 202	17 046	8 156	431	1 562	1 979	1 781	1 869	1 775	1 186	...	890
PERSONS												
1 person	4 315	3 630	685	259	328	550	498	754	372	143	...	101
2 persons	6 795	4 711	2 084	116	485	656	557	584	556	366	...	256
3 persons	4 084	2 742	1 342	27	266	284	266	238	308	200	...	175
4 persons	4 177	2 644	1 533	14	215	226	190	145	231	205	...	171
5 persons	2 859	1 722	1 137	8	129	143	124	85	145	141	...	85
6 persons or more	2 972	1 597	1 375	7	139	120	146	63	163	131	...	102
Median, all occupied units	2.9	2.6	3.5	1.3	2.4	2.2	1.8	2.4	2.9	2.9	...	3.0
Median, owner occupied units	3.4	3.3	3.5	1.8	2.6	2.4	3.0	2.3	2.8	3.0	...	3.6
Median, renter occupied units	2.0	1.8	3.1	1.3	2.2	1.7	1.5	1.5	2.0	2.7	...	2.2
Units with roomers, boarders, or lodgers	652	546	106	46	52	108	35	172	63	17	...	11
PERSONS PER ROOM												
1.00 or less	23 596	16 180	7 416	408	1 461	1 897	1 736	1 819	1 672	1 110	...	833
1.01 to 1.50	1 356	736	620	12	86	70	36	36	81	66	...	52
1.51 or more	250	130	120	11	15	12	9	14	22	10	...	5
Units with all plumbing facilities—1.01 or more	1 548	856	692	20	101	79	45	49	103	76	...	56
VALUE												
Specified owner occupied units¹	13 547	9 586	3 961	26	863	1 036	863	463	1 009	957	...	567
Less than \$5,000	105	16	89	—	1	6	—	2	6	—	...	—
\$5,000 to \$7,499	229	47	182	1	6	10	1	—	12	7	...	6
\$7,500 to \$9,999	432	195	237	—	33	42	4	5	46	31	...	15
\$10,000 to \$14,999	2 101	1 345	756	3	275	312	29	75	244	221	...	107
\$15,000 to \$19,999	3 885	2 768	1 117	12	322	495	104	172	311	374	...	122
\$20,000 to \$24,999	3 209	2 482	727	6	168	127	168	122	222	198	...	124
\$25,000 to \$34,999	2 245	1 746	499	2	52	44	118	65	118	87	...	180
\$35,000 to \$49,999	842	654	188	—	6	—	183	13	45	31	...	13
\$50,000 or more	499	333	166	2	—	—	181	9	5	8	...	—
Median	\$20 000	\$20 900	\$18 200	\$18 900	\$16 700	\$16 300	\$31 500	\$19 400	\$18 200	\$18 100	...	\$21 400
CONTRACT RENT												
Specified renter occupied units²	7 170	6 312	858	358	575	763	801	1 212	621	178	...	285
Less than \$30	68	39	29	10	7	7	4	2	13	1	...	—
\$30 to \$39	95	75	20	19	5	25	—	16	5	—	...	—
\$40 to \$59	483	405	78	80	32	90	22	127	37	—	...	2
\$60 to \$79	825	704	121	116	74	142	46	180	79	11	...	12
\$80 to \$99	876	761	115	35	89	146	82	169	92	32	...	24
\$100 to \$149	2 550	2 267	283	61	272	271	285	503	238	81	...	85
\$150 to \$199	1 607	1 547	60	17	67	57	260	150	116	35	...	140
\$200 to \$249	210	193	17	6	18	4	20	31	7	8	...	10
\$250 or more	149	134	15	2	3	1	55	6	—	—	...	7
No cash rent	307	187	120	12	14	20	22	28	28	9	...	—
Median	\$122	\$125	\$101	\$69	\$109	\$95	\$141	\$110	\$115	\$127	...	\$156

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

²Excludes 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	Rochester—Con.							Balance of Olmsted County				
	Tract 0011	Tract 0012	Tract 0013	Tract 0014	Tract 0015	Tract 0016	Tract 0017	Tract 0004	Tract 0005	Tract 0007	Tract 0009	Tract 0010
All housing units	286	396	622	1 127	1 703	1 378	458	1	52	122	1 799	3
Vacant—seasonal and migratory	—	—	—	—	—	—	—	—	—	1	—	—
All year-round housing units	286	396	622	1 127	1 703	1 378	458	1	52	121	1 799	3
TENURE, RACE, AND VACANCY STATUS												
Owner occupied	110	244	565	678	1 349	998	105	...	—	90	1 509	...
Cooperative and condominium	—	—	—	—	—	—	—	...	—	—	—	...
White	110	244	561	674	1 338	995	104	...	—	90	1 503	...
Negro	—	—	1	3	5	1	1	...	—	—	5	...
Renter occupied	153	126	42	372	274	305	250	...	28	26	249	...
White	151	125	41	363	273	301	244	...	28	25	244	...
Negro	1	1	—	7	1	2	4	...	—	—	2	...
Vacant year-round	23	26	15	77	80	75	103	...	24	5	41	...
For sale only	1	3	8	9	35	29	1	...	—	1	3	...
Vacant less than 6 months .....	...	...	4	8	35	27	...	...	—	—	—	...
Median price asked .....	...	...	\$22 500	\$28 000	\$34 600	\$37 500	...	...	—	—	—	...
For rent	22	5	—	62	29	37	101	...	23	1	14	...
Vacant less than 2 months	16	5	—	29	26	22	44	...	23	—	7	...
Median rent asked	\$161	\$125	—	\$155	\$175	\$170	\$197	...	\$269	—	\$103	...
Other	—	18	7	6	16	9	1	...	1	3	24	...
LACKING SOME OR ALL PLUMBING FACILITIES												
All units	—	5	8	7	19	20	1	...	—	6	63	...
Owner occupied	—	2	5	4	3	10	1	...	—	—	36	...
Negro	—	—	—	—	—	—	—	...	—	—	—	...
Renter occupied	—	3	1	2	—	1	—	...	—	4	14	...
Negro	—	—	—	—	—	—	—	...	—	—	—	...
Vacant year-round	—	—	2	1	16	9	—	...	—	2	13	...
For sale only	—	—	—	—	16	8	—	...	—	—	—	...
For rent	—	—	—	1	—	—	—	...	—	—	3	...
COMPLETE KITCHEN FACILITIES AND ACCESS												
Lacking complete kitchen facilities	2	1	2	5	9	24	—	...	7	7	33	...
Access only through other living quarters	—	—	—	—	1	2	—	...	—	—	—	...
ROOMS												
1 room	3	2	2	24	4	6	40	...	8	—	9	...
2 rooms	11	26	6	32	11	67	58	...	5	2	20	...
3 rooms	76	94	12	119	96	144	93	...	9	8	93	...
4 rooms	87	69	44	257	147	252	124	...	27	20	441	...
5 rooms	61	75	319	416	534	262	88	...	2	18	671	...
6 rooms	30	47	122	160	308	184	27	...	1	18	297	...
7 rooms	9	23	69	75	296	202	14	...	—	27	157	...
8 rooms	5	19	24	33	213	135	7	...	—	17	75	...
9 rooms or more	4	41	24	11	94	126	7	...	—	11	36	...
Median	4.1	4.6	5.3	4.8	5.7	5.3	3.8	...	3.6	6.2	5.0	...
All occupied housing units	283	370	607	1 050	1 623	1 303	355	...	28	116	1 758	...
PERSONS												
1 person	59	68	21	85	92	200	100	...	2	9	114	...
2 persons	90	114	80	202	245	324	80	...	8	24	391	...
3 persons	50	58	94	203	279	231	61	...	6	17	333	...
4 persons	33	54	162	265	432	247	54	...	12	18	370	...
5 persons	16	38	132	180	301	153	42	...	—	22	257	...
6 persons or more	15	38	118	115	274	148	18	...	—	26	293	...
Median, all occupied units	2.3	2.6	4.2	3.6	4.0	3.1	2.5	...	3.2	3.9	3.6	...
Median, owner occupied units	3.0	3.4	4.2	4.1	4.2	3.6	4.2	...	—	4.1	3.7	...
Median, renter occupied units	2.0	1.8	3.3	2.4	2.2	1.7	1.9	...	3.2	3.0	3.2	...
Units with roomers, boarders, or lodgers	2	14	8	9	2	4	3	...	7	3	24	...
PERSONS PER ROOM												
1.00 or less	251	348	539	969	1 533	1 259	343	...	23	106	1 536	...
1.01 to 1.50	8	18	57	74	87	41	12	...	3	8	192	...
1.51 or more	4	4	11	7	3	3	—	...	2	2	30	...
Units with all plumbing facilities—1.01 or more	12	22	67	81	89	44	12	...	5	10	217	...
VALUE												
Specified owner occupied units¹	98	211	556	654	1 334	844	104	...	—	47	1 068	...
Less than \$5,000	—	1	—	—	—	—	—	...	—	—	12	...
\$5,000 to \$7,499	—	1	3	—	—	—	—	...	—	3	26	...
\$7,500 to \$9,999	—	5	12	—	—	2	—	...	—	1	42	...
\$10,000 to \$14,999	1	37	23	5	4	8	—	...	—	9	282	...
\$15,000 to \$19,999	23	87	218	199	176	135	18	...	—	5	455	...
\$20,000 to \$24,999	54	16	226	312	486	202	51	...	—	7	170	...
\$25,000 to \$34,999	17	5	67	132	495	254	35	...	—	9	68	...
\$35,000 to \$49,999	3	21	7	5	157	170	—	...	—	8	11	...
\$50,000 or more	—	38	—	1	16	73	—	...	—	5	2	...
Median	\$22 300	\$17 800	\$20 500	\$22 000	\$25 000	\$28 000	\$23 300	...	—	\$23 900	\$16 700	...
CONTRACT RENT												
Specified renter occupied units²	152	126	42	371	272	305	250	...	28	10	221	...
Less than \$30	—	—	1	—	—	—	—	...	—	—	4	...
\$30 to \$39	—	—	—	—	—	—	—	...	—	—	—	...
\$40 to \$59	—	1	3	3	—	7	—	...	—	—	18	...
\$60 to \$79	1	9	3	2	2	27	—	...	—	1	—	...
\$80 to \$99	1	5	6	2	—	77	—	...	—	—	24	...
\$100 to \$149	38	97	19	120	69	107	21	...	—	5	33	...
\$150 to \$199	110	9	8	217	167	62	132	...	4	—	26	...
\$200 to \$249	—	1	2	16	15	9	47	...	11	—	—	...
\$250 or more	—	—	—	4	2	4	45	...	12	—	—	...
No cash rent	2	4	—	7	17	12	5	...	1	3	20	...
Median	\$166	\$125	\$128	\$163	\$167	\$123	\$188	...	\$243	\$88	\$111	...

¹Limited to one-family homes on less than 10 acres and no business on property. ²Excludes 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	Balance of Olmsted County—Con.											
	Tract 0011	Tract 0012	Tract 0013	Tract 0014	Tract 0015	Tract 0016	Tract 0017	Tract 0018	Tract 0019	Tract 0020	Tract 0021	Tract 0022
All housing units	434	520	4	86	39	602	69	402	1 251	1 365	826	996
Vacant—seasonal and migratory	—	—	—	—	—	—	—	—	68	2	—	3
All year-round housing units	434	520	4	86	39	602	69	402	1 183	1 363	826	993
TENURE, RACE, AND VACANCY STATUS												
Owner occupied	372	439	...	59	36	531	54	334	917	1 015	661	776
Cooperative and condominium	—	—	...	—	—	—	—	—	—	—	—	—
White	372	439	...	59	36	529	54	333	917	1 015	659	776
Negro	—	—	...	—	—	1	—	—	—	—	—	—
Renter occupied	52	66	...	27	—	62	12	51	203	282	139	159
White	52	65	...	26	—	61	12	51	203	282	139	159
Negro	—	1	...	—	—	—	—	—	—	—	—	—
Vacant year-round	10	15	...	—	3	9	3	17	63	66	26	58
For sale only	3	1	...	—	3	1	1	7	9	6	8	9
Vacant less than 6 months .....	...	...	...	...	...	...	...	...	5	5	7	6
Median price asked .....	...	...	...	...	...	...	...	...	\$26 300	\$10 000	\$10 000	\$21 300
For rent	2	3	...	—	—	1	—	6	7	20	5	4
Vacant less than 2 months .....	...	...	...	...	...	...	...	1	3	3	4	...
Median rent asked .....	...	...	...	...	...	...	...	\$95	\$98	\$62	\$75	...
Other	5	11	...	—	—	7	2	4	47	40	13	45
LACKING SOME OR ALL PLUMBING FACILITIES												
All units	6	5	...	1	—	22	6	9	134	115	33	152
Owner occupied	1	3	...	—	—	13	3	7	80	69	19	100
Negro	—	—	...	—	—	—	—	—	—	—	—	—
Renter occupied	2	2	...	1	—	7	1	1	27	26	12	23
Negro	—	—	...	—	—	—	—	—	—	—	—	—
Vacant year-round	3	—	...	—	—	2	...	1	27	20	2	29
For sale only	—	—	...	—	—	—	...	—	3	1	1	3
For rent .....	...	—	...	—	—	...	—	—	2	4	—	—
COMPLETE KITCHEN FACILITIES AND ACCESS												
Lacking complete kitchen facilities	4	4	...	2	4	14	6	6	97	77	14	87
Access only through other living quarters	—	—	...	—	—	—	—	—	—	—	3	—
ROOMS												
1 room	1	1	...	1	—	2	—	2	9	4	7	7
2 rooms	3	5	...	1	—	14	1	1	19	16	24	9
3 rooms	14	16	...	3	—	89	3	25	77	52	40	34
4 rooms	50	37	...	9	1	156	8	37	198	159	134	136
5 rooms	122	87	...	19	3	104	13	173	251	256	263	233
6 rooms	99	103	...	19	5	80	17	75	291	313	147	233
7 rooms	68	66	...	15	14	70	12	57	169	256	104	171
8 rooms	41	69	...	14	11	42	12	20	101	163	79	92
9 rooms or more	36	136	...	5	5	45	3	12	68	144	28	78
Median	5.8	6.7	...	6.0	7.3	4.9	6.1	5.3	5.6	6.1	5.3	5.8
All occupied housing units	424	505	...	86	36	593	66	385	1 120	1 297	800	935
PERSONS												
1 person	22	26	...	4	1	53	5	31	115	134	108	61
2 persons	81	113	...	25	3	177	9	83	338	365	211	254
3 persons	66	63	...	13	9	108	10	62	164	211	109	170
4 persons	107	130	...	15	10	97	13	85	193	182	143	157
5 persons	74	74	...	10	10	72	14	77	141	151	110	123
6 persons or more	74	99	...	19	3	86	15	47	169	254	119	170
Median, all occupied units	3.9	3.9	...	3.6	4.0	3.1	4.2	3.7	3.2	3.2	3.2	3.4
Median, owner occupied units	4.0	4.0	...	3.6	4.0	3.1	4.1	3.8	3.2	3.2	3.5	3.4
Median, renter occupied units	2.9	3.0	...	3.6	—	3.3	4.5	2.7	3.0	3.3	2.3	3.5
Units with roomers, boarders, or lodgers	7	6	...	—	—	8	1	5	8	20	10	7
PERSONS PER ROOM												
1.00 or less	394	480	...	78	36	542	57	356	1 027	1 189	746	839
1.01 to 1.50	27	23	...	6	—	44	8	23	75	90	45	76
1.51 or more	3	2	...	2	—	7	1	6	18	18	9	20
Units with all plumbing facilities—1.01 or more	30	25	...	8	—	49	9	29	80	99	52	79
VALUE												
Specified owner occupied units¹	351	350	...	20	33	204	22	314	331	448	595	175
Less than \$5,000	—	2	...	—	—	1	2	5	19	23	11	16
\$5,000 to \$7,499	2	2	...	—	—	1	—	10	25	61	27	25
\$7,500 to \$9,999	4	2	...	—	—	9	1	10	35	84	32	17
\$10,000 to \$14,999	21	18	...	4	—	20	5	38	92	120	116	31
\$15,000 to \$19,999	73	43	...	2	—	40	7	95	71	96	194	36
\$20,000 to \$24,999	86	61	...	6	—	38	1	118	47	37	150	25
\$25,000 to \$34,999	107	46	...	4	19	65	1	36	27	21	73	23
\$35,000 to \$49,999	41	36	...	3	13	24	4	2	10	2	10	2
\$50,000 or more	17	122	...	1	1	6	1	—	5	4	2	—
Median	\$24 400	\$35 800	...	\$23 300	\$33 700	\$24 100	\$16 500	\$20 000	\$14 600	\$12 000	\$18 100	\$14 800
CONTRACT RENT												
Specified renter occupied units²	51	38	...	11	—	35	6	50	82	129	139	56
Less than \$30	—	3	...	—	—	—	—	3	7	6	5	1
\$30 to \$39	—	1	...	—	—	—	—	5	8	5	—	—
\$40 to \$59	2	—	...	—	—	—	2	2	7	25	12	9
\$60 to \$79	5	8	...	2	—	2	—	9	11	29	23	7
\$80 to \$99	3	5	...	—	—	4	—	—	8	16	26	5
\$100 to \$149	24	10	...	6	—	16	3	19	18	25	49	17
\$150 to \$199	8	5	...	2	—	5	—	4	1	—	—	—
\$200 to \$249	3	—	...	—	—	—	—	—	—	—	—	—
\$250 or more	1	—	...	—	—	—	—	—	—	—	—	—
No cash rent	5	6	...	1	—	6	1	3	25	19	14	16
Median	\$117	\$97	...	\$132	—	\$131	\$103	\$99	\$78	\$73	\$92	\$96

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

²Excludes 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										
	Tract 0004	Tract 0005	Tract 0007	Tract 0010	Tract 0011	Tract 0012	Tract 0013	Tract 0014	Tract 0015	Tract 0016	Tract 0017
All housing units	1 890	2 030	1 325	945	720	916	626	1 213	1 742	1 980	527
Vacant—seasonal and migratory	—	—	1	—	—	—	—	—	—	—	—
All year-round housing units	1 890	2 030	1 324	945	720	916	626	1 213	1 742	1 980	527
TENURE, RACE, AND VACANCY STATUS											
Owner occupied	978	654	1 098	606	482	683	569	737	1 385	1 529	159
Cooperative and condominium	26	—	—	—	—	—	—	—	—	—	—
White	975	653	1 095	605	482	683	565	733	1 374	1 524	158
Negro	1	—	2	1	—	—	1	3	5	2	1
Renter occupied	803	1 243	204	287	205	192	42	399	274	367	262
White	786	1 216	202	282	203	190	41	389	273	362	256
Negro	4	4	—	2	1	2	—	7	1	2	4
Vacant year-round	109	133	22	52	33	41	15	77	83	84	106
For sale only	12	3	7	14	4	4	8	9	38	30	2
Vacant less than 6 months	9	—	3	13	—	—	4	8	38	28	—
Median price asked	\$35 000	—	\$6 300	\$26 300	—	—	\$22 500	\$28 000	\$35 800	\$36 700	—
For rent	69	107	4	30	24	8	—	62	29	38	101
Vacant less than 2 months	48	97	—	19	17	6	—	29	26	22	44
Median rent asked	\$165	\$119	—	\$171	\$157	\$124	—	\$155	\$175	\$169	\$197
Other	28	23	11	8	5	29	7	6	16	16	3
LACKING SOME OR ALL PLUMBING FACILITIES											
All units	22	198	13	13	6	10	8	8	19	42	7
Owner occupied	3	14	6	11	1	5	5	4	3	23	4
Negro	—	—	—	—	—	—	—	—	—	—	—
Renter occupied	16	162	4	1	2	5	1	3	—	8	1
Negro	—	—	—	—	—	—	—	—	—	—	—
Vacant year-round	3	22	3	1	3	—	2	1	16	11	2
For sale only	—	—	1	—	—	—	—	—	16	8	—
For rent	2	15	—	1	1	—	—	1	—	1	—
COMPLETE KITCHEN FACILITIES AND ACCESS											
Lacking complete kitchen facilities	32	101	15	15	6	5	2	7	13	38	6
Access only through other living quarters	—	11	—	—	—	—	—	—	1	2	—
ROOMS											
1 room	62	162	1	4	4	3	2	25	4	8	40
2 rooms	208	294	18	29	14	31	6	33	11	81	59
3 rooms	313	545	70	85	90	110	12	122	96	233	96
4 rooms	230	327	231	269	137	106	44	266	148	408	132
5 rooms	255	240	444	253	183	162	319	435	537	366	101
6 rooms	192	187	289	147	129	150	125	179	313	264	44
7 rooms	189	147	146	92	77	89	69	90	310	272	26
8 rooms	158	86	88	42	46	88	25	47	224	177	19
9 rooms or more	283	42	37	24	40	177	24	16	99	171	10
Median	5.0	3.5	5.3	4.8	5.1	5.8	5.3	4.9	5.7	5.2	4.0
All occupied housing units	1 781	1 897	1 302	893	687	875	611	1 136	1 659	1 896	421
PERSONS											
1 person	498	756	152	101	81	94	21	89	93	253	105
2 persons	557	592	390	257	171	227	81	227	248	501	89
3 persons	266	244	217	176	116	121	94	216	288	339	71
4 persons	190	157	223	172	140	184	162	280	442	344	67
5 persons	124	85	163	85	90	112	134	190	311	225	56
6 persons or more	146	63	157	102	89	137	119	134	277	234	33
Median, all occupied units	2.2	1.8	3.0	3.0	3.3	3.5	4.2	3.6	4.0	3.1	2.7
Median, owner occupied units	3.0	2.3	3.1	3.6	3.9	3.8	4.2	4.1	4.2	3.4	4.2
Median, renter occupied units	1.5	1.6	2.7	2.2	2.2	2.1	3.3	2.5	2.2	1.9	2.0
Units with roomers, boarders, or lodgers	35	179	20	11	9	20	8	9	2	12	4
PERSONS PER ROOM											
1.00 or less	1 736	1 842	1 216	836	645	828	543	1 047	1 569	1 801	400
1.01 to 1.30	36	39	74	52	7	41	57	80	87	85	20
1.31 or more	9	16	12	5	7	6	11	9	3	10	1
Units with all plumbing facilities—1.01 or more	45	54	86	56	42	47	67	89	89	93	21
VALUE											
Specified owner occupied units¹	863	463	1 004	567	449	561	559	674	1 367	1 048	126
Less than \$5,000	—	2	—	—	—	1	—	—	—	1	2
\$5,000 to \$7,499	1	—	10	6	2	3	—	—	—	1	—
\$7,500 to \$9,999	4	—	32	15	4	7	—	—	—	1	—
\$10,000 to \$14,999	29	5	230	107	22	55	23	—	—	11	1
\$15,000 to \$19,999	104	172	379	122	96	130	218	201	176	175	25
\$20,000 to \$24,999	168	122	205	124	140	77	227	318	486	240	52
\$25,000 to \$34,999	193	65	96	180	124	51	67	136	514	319	36
\$35,000 to \$49,999	183	13	39	13	44	77	9	8	170	194	4
\$50,000 or more	181	9	13	—	17	160	—	2	17	79	1
Median	\$31 500	\$19 400	\$18 200	\$21 400	\$23 600	\$26 500	\$20 500	\$22 000	\$25 300	\$27 100	\$22 900
CONTRACT RENT											
Specified renter occupied units²	801	1 240	188	287	203	164	42	382	272	340	256
Less than \$30	4	2	1	—	—	3	—	—	—	—	—
\$30 to \$39	5	16	—	—	—	1	—	—	—	—	—
\$40 to \$59	22	127	2	—	—	1	—	—	—	—	—
\$60 to \$79	46	180	12	12	6	17	3	3	—	—	—
\$80 to \$99	82	149	37	24	4	10	3	2	2	29	—
\$100 to \$149	285	503	81	86	62	107	6	—	—	81	—
\$150 to \$199	260	154	35	140	118	14	8	219	167	67	132
\$200 to \$249	20	42	8	10	3	—	2	16	15	11	47
\$250 or more	55	18	—	5	1	—	—	4	2	4	45
No cash rent	22	29	12	7	7	—	—	8	17	18	6
Median	\$141	\$111	\$125	\$155	\$160	\$121	\$128	\$162	\$167	\$124	\$188

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

²Excludes one-family homes on 10 acres or more.

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

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

Census Tracts	Olmsted County			Rochester								
	Total	Rochester	Balance	Tract 0001	Tract 0002	Tract 0003	Tract 0004	Tract 0005	Tract 0006	Tract 0007	Tract 0008	Tract 0010
All year-round housing units	26 578	18 068	8 510	515	1 648	2 059	1 889	1 978	1 858	1 203	6	953
UNITS IN STRUCTURE												
1 (includes mobile home or trailer)	18 816	10 823	7 993	59	978	1 177	974	571	1 166	1 045	...	652
2	2 204	1 933	271	55	286	407	136	257	314	154	...	55
3 and 4	1 691	1 559	132	40	166	199	126	324	152	4	...	205
5 to 49	3 386	3 324	62	341	218	276	418	815	226	...	...	33
50 or more	481	429	52	20	-	-	235	11	-	-	...	8
YEAR STRUCTURE BUILT												
1969 to March 1970	1 300	814	486	-	28	7	8	20	21	-	...	118
1965 to 1968	3 477	2 361	1 116	19	31	61	276	63	189	10	...	376
1960 to 1964	3 830	2 472	1 358	9	66	59	91	186	60	32	...	101
1950 to 1959	5 569	3 731	1 838	-	278	145	340	89	480	527	...	101
1940 to 1949	2 468	1 952	516	3	293	483	168	72	276	320	...	113
1939 or earlier	9 934	6 738	3 196	484	952	1 304	1 006	1 548	832	314	...	144
HEATING EQUIPMENT												
Steam or hot water	4 861	3 857	1 004	312	231	218	520	648	321	68	...	252
Warm air furnace	19 811	13 653	6 158	146	1 386	1 701	1 310	1 277	1 423	1 123	...	650
Built-in electric units	221	127	94	-	7	46	27	6	-	-	...	37
Floor, wall, or pipeless furnace	307	125	182	-	18	64	-	-	25	-	...	-
Other means or not heated	1 378	306	1 072	57	13	69	13	26	83	12	...	14
BASEMENT												
All units with basement	23 928	16 928	7 000	510	1 495	2 019	1 854	1 944	1 741	1 179	...	855
One-family houses with basement	17 074	10 440	6 634	54	941	1 153	966	571	1 098	1 026	...	636
SELECTED EQUIPMENT												
With more than 1 bathroom	8 223	5 698	2 525	65	367	311	892	295	591	420	...	324
With public water supply	20 654	17 961	2 693	506	1 657	2 058	1 873	1 978	1 841	1 203	...	943
With public sewer	20 097	17 977	2 120	506	1 657	2 058	1 875	1 978	1 841	1 203	...	943
With air conditioning	9 230	7 573	1 657	117	666	696	1 057	541	790	516	...	417
Room unit(s)	6 519	5 290	1 229	104	557	622	529	393	659	441	...	311
Central system	2 711	2 283	428	13	109	74	528	148	131	75	...	106
All occupied housing units	25 202	17 046	8 156	392	1 601	1 974	1 781	1 869	1 775	1 186	...	901
YEAR MOVED INTO UNIT												
1968 to March 1970	9 380	6 863	2 517	153	578	716	614	913	604	259	...	445
1965 to 1967	4 523	2 937	1 586	41	197	211	365	243	277	147	...	217
1960 to 1964	3 876	2 491	1 385	72	252	273	225	197	232	151	...	115
1950 to 1959	4 353	2 860	1 493	72	277	322	336	194	380	462	...	98
1949 or earlier	3 070	1 895	1 175	54	297	452	241	322	282	167	...	26
AUTOMOBILES AVAILABLE												
1	12 282	8 286	3 996	160	874	1 044	934	866	866	589	...	469
2	8 641	5 471	3 170	42	405	474	451	292	519	444	...	297
3 or more	1 525	861	664	-	59	28	106	84	111	65	...	80
None	2 754	2 428	326	190	263	428	290	627	279	88	...	55
GROSS RENT												
Specified renter occupied units ¹	7 208	6 320	888	315	613	761	799	1 209	613	178	...	295
Less than \$40	92	70	22	22	6	18	9	15	-	-	...	-
\$40 to \$59	381	326	55	55	35	63	9	96	38	4	...	-
\$60 to \$79	690	604	86	105	36	148	32	178	73	13	...	4
\$80 to \$99	911	777	134	21	76	230	71	182	76	20	...	16
\$100 to \$149	2 400	2 109	291	50	300	213	291	496	205	57	...	88
\$150 to \$199	2 020	1 851	169	35	122	68	268	163	154	66	...	161
\$200 to \$249	307	281	26	-	25	5	21	44	44	13	...	16
\$250 or more	163	138	25	5	7	-	64	-	12	-	...	-
No cash rent	244	164	80	-	6	16	34	35	11	5	...	10
Median	\$131	\$133	\$120	\$69	\$130	\$91	\$146	\$113	\$128	\$144	...	\$161
GROSS RENT AS PERCENTAGE OF INCOME BY INCOME												
Specified renter occupied units ¹	7 208	6 320	888	315	613	761	799	1 209	613	178	...	295
Less than \$5,000	2 982	2 727	255	229	194	385	352	786	261	64	...	107
Less than 20 percent	169	148	21	16	11	42	5	69	5	-	...	-
20 to 24 percent	184	151	33	27	10	26	11	48	14	6	...	-
25 to 34 percent	367	322	45	44	21	43	31	107	37	5	...	9
35 percent or more	2 015	1 915	100	119	133	264	272	516	193	53	...	88
Not computed	247	191	56	23	19	10	33	46	12	-	...	10
Median	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	2 244	1 933	311	46	266	231	285	258	187	67	...	67
Less than 20 percent	718	587	131	34	92	105	66	81	96	30	...	12
20 to 24 percent	571	524	47	6	105	75	63	70	30	11	...	18
25 to 34 percent	691	616	75	6	58	45	106	88	50	10	...	33
35 percent or more	200	161	39	-	11	-	30	19	6	11	...	4
Not computed	64	45	19	-	-	6	-	5	-	-	...	-
Median	23.3	23.4	21.6	11.6	22.0	20.5	25.3	23.4	19.4	20.5	...	26.1
\$10,000 to \$14,999	1 426	1 162	264	34	101	93	106	126	130	27	...	76
25 percent or more	32	27	5	-	6	-	10	-	6	-	...	-
Not computed	28	18	10	-	-	-	6	7	-	-	...	-
Median	14.8	15.4	13.3	10.0-	16.3	12.3	14.9	13.4	14.7	14.8	...	16.4
\$15,000 or more	556	498	58	6	52	52	76	39	35	20	...	45
25 percent or more	14	9	5	-	-	-	5	-	-	-	...	-
Not computed	5	5	-	-	-	-	5	-	-	-	...	-
Median	11.5	11.5	11.3	...	11.4	10.0-	12.7	11.9	11.3	...	...	12.1

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	Rochester—Con.							Balance of Olmsted County				
	Tract 0011	Tract 0012	Tract 0013	Tract 0014	Tract 0015	Tract 0016	Tract 0017	Tract 0004	Tract 0005	Tract 0007	Tract 0009	Tract 0010
All year-round housing units.....	292	379	622	1 134	1 703	1 378	451	—	47	116	1 791	4
UNITS IN STRUCTURE												
1 (includes mobile home or trailer).....	106	257	587	684	1 412	1 013	136	—	—	108	1 725	...
2.....	21	4	35	58	40	102	9	—	—	—	47	...
3 and 4.....	84	14	—	121	33	76	15	—	—	8	14	...
5 to 49.....	81	104	—	271	218	187	136	—	—	—	5	...
50 or more.....	—	—	—	—	—	—	153	—	47	—	—	...
YEAR STRUCTURE BUILT												
1969 to March 1970.....	—	28	9	99	250	167	59	—	10	6	91	...
1965 to 1968.....	39	67	66	283	383	212	286	—	37	10	190	...
1960 to 1964.....	171	75	119	548	590	270	95	—	—	21	424	...
1950 to 1959.....	82	94	358	204	449	584	—	—	—	32	770	...
1940 to 1949.....	—	39	18	—	31	130	—	—	—	18	143	...
1939 or earlier.....	—	76	52	—	—	15	11	—	—	29	173	...
HEATING EQUIPMENT												
Steam or hot water.....	165	12	16	407	324	339	24	—	42	—	100	...
Warm air furnace.....	127	355	577	727	1 379	1 039	427	—	5	103	1 529	...
Built-in electric units.....	—	—	4	—	—	—	—	—	—	—	—	...
Floor, wall, or pipeless furnace.....	—	—	18	—	—	—	—	—	—	10	34	...
Other means or not heated.....	—	12	7	—	—	—	—	—	—	3	128	...
BASEMENT												
All units with basement.....	261	320	601	1 055	1 597	1 058	433	—	—	88	1 277	...
One-family houses with basement.....	106	238	573	684	1 401	851	136	—	—	83	1 231	...
SELECTED EQUIPMENT												
With more than 1 bathroom.....	56	111	197	265	978	714	112	—	—	40	278	...
With public water supply.....	292	364	622	1 145	1 667	1 372	440	—	45	—	508	...
With public sewer.....	292	371	622	1 145	1 667	1 372	440	—	45	—	156	...
With air conditioning.....	163	139	205	528	735	687	316	—	39	9	461	...
Room unit(s).....	95	24	183	447	543	336	46	—	26	—	408	...
Central system.....	68	115	22	81	192	351	270	—	13	9	53	...
All occupied housing units.....	262	360	607	1 052	1 623	1 303	353	—	21	115	1 740	...
YEAR MOVED INTO UNIT												
1968 to March 1970.....	174	129	245	549	670	536	271	—	...	20	670	...
1965 to 1967.....	36	70	134	241	452	253	53	—	...	18	390	...
1960 to 1964.....	39	31	99	222	324	244	15	—	...	29	270	...
1950 to 1959.....	13	96	129	40	177	250	14	—	...	17	337	...
1949 or earlier.....	—	34	—	—	—	20	—	—	...	31	73	...
AUTOMOBILES AVAILABLE												
1.....	152	201	220	537	602	580	185	—	...	64	854	...
2.....	82	120	330	436	921	578	80	—	...	37	634	...
3 or more.....	28	13	42	65	92	76	12	—	...	6	200	...
None.....	—	26	15	14	8	69	76	—	...	8	52	...
GROSS RENT												
Specified renter occupied units ¹	160	109	65	377	270	305	245	—	27	...	226	...
Less than \$40.....	—	—	—	—	—	—	—	—	—	—	—	...
\$40 to \$59.....	—	—	—	—	—	4	—	—	—	—	10	...
\$60 to \$79.....	—	5	—	—	—	10	—	—	—	—	11	...
\$80 to \$99.....	—	4	14	5	—	56	—	—	—	—	34	...
\$100 to \$149.....	32	65	13	75	77	133	14	—	—	—	70	...
\$150 to \$199.....	128	35	30	266	147	79	129	—	6	—	72	...
\$200 to \$249.....	—	—	8	15	9	18	63	—	—	—	16	...
\$250 or more.....	—	—	—	5	14	—	31	—	21	—	—	...
No cash rent.....	—	—	—	11	23	5	8	—	—	—	13	...
Median.....	\$169	\$138	\$159	\$169	\$166	\$121	\$191	—	\$288	...	\$139	...
GROSS RENT AS PERCENTAGE OF INCOME BY INCOME												
Specified renter occupied units ¹	160	109	65	377	270	305	245	—	27	...	226	...
Less than \$5,000.....	42	33	8	44	58	67	97	—	6	...	42	...
Less than 20 percent.....	—	—	—	—	—	—	—	—	—	—	—	...
20 to 24 percent.....	—	—	—	—	—	9	—	—	—	—	5	...
25 to 34 percent.....	—	10	—	5	—	10	—	—	—	—	19	...
35 percent or more.....	36	19	8	29	53	48	84	—	6	—	11	...
Not computed.....	6	4	—	10	5	—	13	—	—	—	7	...
Median.....	35.0+	35.0+	...	35.0+	35.0+	35.0+	35.0+	—	...	...	31.6	...
\$5,000 to \$9,999.....	66	54	23	137	123	97	46	—	16	...	84	...
Less than 20 percent.....	—	22	—	14	10	25	—	—	—	—	15	...
20 to 24 percent.....	28	17	12	40	5	38	6	—	—	—	20	...
25 to 34 percent.....	22	15	11	57	66	25	24	—	—	—	38	...
35 percent or more.....	16	—	—	15	29	4	16	—	16	—	5	...
Not computed.....	—	—	—	11	13	5	—	—	—	—	6	...
Median.....	27.3	21.5	...	26.6	31.1	22.8	32.1	—	...	...	26.1	...
\$10,000 to \$14,999.....	48	17	26	135	52	107	78	—	—	—	90	...
25 percent or more.....	—	—	—	—	—	—	5	—	—	—	5	...
Not computed.....	—	—	—	—	5	—	—	—	—	—	—	...
Median.....	15.5	...	14.6	16.4	18.0	14.2	18.7	—	—	—	13.9	...
\$15,000 or more.....	4	5	8	61	37	34	24	—	5	...	10	...
25 percent or more.....	—	—	—	—	—	—	4	—	5	...	—	...
Not computed.....	—	—	—	—	—	—	—	—	—	—	—	...
Median.....	...	...	...	12.5	10.0	10.0	...	—	...	...	...	...

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 Olmsted County—Con.											
	Tract 0011	Tract 0012	Tract 0013	Tract 0014	Tract 0015	Tract 0016	Tract 0017	Tract 0018	Tract 0019	Tract 0020	Tract 0021	Tract 0022
All year-round housing units	420	535	14	82	36	621	69	394	1 189	1 350	841	999
UNITS IN STRUCTURE												
1 (includes mobile home or trailer)	388	518	...	82	38	600	69	362	1 158	1 265	701	965
2	28	13	...	—	—	10	—	10	18	41	73	27
3 and 4	4	4	...	—	—	11	—	17	8	44	15	7
5 to 49	—	—	...	—	—	—	—	5	5	—	47	—
50 or more	—	—	...	—	—	—	—	—	—	—	5	—
YEAR STRUCTURE BUILT												
1969 to March 1970	5	49	...	4	34	79	4	25	35	49	34	61
1965 to 1968	50	64	...	10	—	185	—	70	139	117	148	96
1960 to 1964	113	139	...	5	—	141	4	100	78	83	165	80
1950 to 1959	194	152	...	10	—	93	10	88	138	102	163	82
1940 to 1949	35	34	...	9	—	30	6	5	102	67	20	47
1939 or earlier	23	97	...	44	4	93	45	106	697	932	311	633
HEATING EQUIPMENT												
Steam or hot water	71	86	...	19	5	73	4	78	109	173	116	118
Warm air furnace	336	395	...	63	29	501	40	267	750	858	638	636
Built-in electric units	—	34	...	—	—	5	5	—	9	20	10	11
Floor, wall, or pipeless furnace	—	9	...	—	—	11	—	28	38	12	6	34
Other means or not heated	13	11	...	—	4	31	20	21	283	287	71	200
BASEMENT												
All units with basement	381	518	...	78	38	334	69	340	1 022	1 229	762	846
One-family houses with basement	349	501	...	78	38	323	69	325	996	1 164	638	825
SELECTED EQUIPMENT												
With more than 1 bathroom	272	336	...	32	26	166	21	163	266	338	358	212
With public water supply	11	34	...	—	34	235	—	403	46	526	839	12
With public sewer	—	—	...	—	40	219	—	403	12	400	839	6
With air conditioning	149	183	...	7	—	192	13	100	120	143	153	88
Room unit(s)	79	109	...	7	—	134	13	75	89	117	94	78
Central system	70	74	...	—	—	58	—	25	31	26	59	10
All occupied housing units	422	507	...	77	34	603	68	385	1 127	1 297	802	941
YEAR MOVED INTO UNIT												
1968 to March 1970	144	123	...	11	28	244	22	162	237	304	277	249
1965 to 1967	97	131	...	13	—	160	6	48	185	181	192	165
1960 to 1964	92	134	...	20	—	99	25	80	170	185	141	140
1950 to 1959	75	109	...	19	—	68	15	61	221	273	126	167
1949 or earlier	14	10	...	14	6	32	—	34	314	354	66	220
AUTOMOBILES AVAILABLE												
1	139	111	...	13	14	276	34	169	521	813	448	528
2	219	336	...	39	20	279	20	177	475	370	263	289
3 or more	46	45	...	25	—	26	14	17	61	84	31	95
None	18	15	...	—	—	22	—	22	70	30	60	29
GROSS RENT												
Specified renter occupied units¹	60	29	...	...	—	...	...	35	105	146	142	62
Less than \$40 .....	—	—	...	...	—	...	...	—	22	—	—	—
\$40 to \$59 .....	—	—	...	...	—	...	...	—	12	10	11	7
\$60 to \$79	15	5	...	...	—	...	...	6	9	30	10	—
\$80 to \$99	6	—	...	...	—	...	...	—	16	19	54	—
\$100 to \$149	10	20	...	...	—	...	...	16	26	57	45	22
\$150 to \$199	15	—	...	...	—	...	...	9	11	21	17	8
\$200 to \$249	6	4	...	...	—	...	...	—	—	—	—	—
\$250 or more	4	—	...	...	—	...	...	4	9	9	5	25
No cash rent	4	—	...	...	—	...	...	—	—	—	—	—
Median	\$141	\$112	...	...	—	...	...	\$131	\$83	\$107	\$98	\$129
GROSS RENT AS PERCENTAGE OF INCOME BY INCOME												
Specified renter occupied units¹	60	29	...	...	—	...	...	35	105	146	142	62
Less than \$5,000	14	—	...	...	—	...	...	6	49	41	55	21
Less than 20 percent .....	—	—	...	...	—	...	...	—	10	5	6	—
20 to 24 percent .....	—	—	...	...	—	...	...	—	11	—	5	7
25 to 34 percent	6	—	...	...	—	...	...	—	6	5	9	—
35 percent or more	8	—	...	...	—	...	...	6	17	22	25	—
Not computed .....	—	—	...	...	—	...	...	—	5	9	10	14
Median .....	...	...	...	...	—	...	...	...	26.7	35.0+	35.0+	...
\$5,000 to \$9,999	22	17	...	...	—	...	...	15	26	56	28	28
Less than 20 percent	7	12	...	...	—	...	...	5	22	29	12	15
20 to 24 percent .....	—	—	...	...	—	...	...	6	—	10	11	—
25 to 34 percent	5	5	...	...	—	...	...	—	4	13	5	—
35 percent or more	6	—	...	...	—	...	...	—	—	—	—	8
Not computed	4	—	...	...	—	...	...	4	—	—	—	5
Median .....	...	...	...	...	—	...	...	...	12.5	19.7	20.9	...
\$10,000 to \$14,999	16	4	...	...	—	...	...	14	19	40	52	13
25 percent or more .....	—	—	...	...	—	...	...	—	—	—	—	—
Not computed .....	—	—	...	...	—	...	...	—	4	—	—	6
Median .....	...	...	...	...	—	...	...	...	...	13.6	11.9	...
\$15,000 or more	8	8	...	...	—	...	...	—	11	9	7	—
25 percent or more .....	—	—	...	...	—	...	...	—	—	—	—	—
Not computed .....	—	—	...	...	—	...	...	—	—	—	—	—
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	Totals for split tracts										
	Tract 0004	Tract 0005	Tract 0007	Tract 0010	Tract 0011	Tract 0012	Tract 0013	Tract 0014	Tract 0015	Tract 0016	Tract 0017
All year-round housing units	1 889	2 025	1 319	957	712	914	636	1 216	1 741	1 999	520
UNITS IN STRUCTURE											
1 (includes mobile home or trailer)	974	571	1 153	652	494	775	601	766	1 450	1 613	205
2	136	257	154	59	49	17	35	58	40	112	9
3 and 4	126	324	12	205	88	18	—	121	33	87	15
5 to 49	418	815	—	33	81	104	—	271	218	187	136
50 or more	235	58	—	8	—	—	—	—	—	—	155
YEAR STRUCTURE BUILT											
1969 to March 1970	8	30	6	118	5	77	9	103	284	246	63
1965 to 1968	276	100	20	376	89	131	66	293	383	397	286
1960 to 1964	91	186	53	101	284	214	124	553	590	411	99
1950 to 1959	340	89	559	105	276	246	358	214	449	677	10
1940 to 1949	168	72	338	113	35	73	18	9	31	160	6
1939 or earlier	1 006	1 548	343	144	23	173	61	44	4	108	56
HEATING EQUIPMENT											
Steam or hot water	520	690	68	252	236	98	26	426	329	412	28
Warm air furnace	1 310	1 282	1 226	654	463	750	581	790	1 408	1 540	467
Built-in electric units	46	27	—	37	—	34	4	—	—	5	5
Floor, wall, or pipeless furnace	—	—	10	—	—	9	18	—	—	11	—
Other means or not heated	13	26	15	14	13	23	7	—	4	31	20
BASEMENT											
All units with basement	1 854	1 944	1 267	859	642	838	615	1 133	1 635	1 392	502
One-family houses with basement	966	571	1 109	636	455	739	587	762	1 439	1 174	205
SELECTED EQUIPMENT											
With more than 1 bathroom	892	295	460	329	328	447	209	297	1 004	880	133
With public water supply	1 873	2 023	1 203	943	303	398	622	1 145	1 701	1 607	440
With public sewer	1 875	2 023	1 203	943	292	371	622	1 145	1 707	1 591	440
With air conditioning	1 057	580	525	417	312	322	205	535	735	879	329
Room unit(s)	529	419	441	311	174	133	183	454	543	470	59
Central system	528	161	84	106	138	189	22	81	192	409	270
All occupied housing units	1 781	1 890	1 301	906	684	867	619	1 129	1 657	1 906	421
YEAR MOVED INTO UNIT											
1968 to March 1970	614	934	279	450	318	252	245	560	698	780	293
1965 to 1967	365	243	165	217	133	201	134	254	452	413	59
1960 to 1964	225	197	180	115	131	165	99	242	324	343	40
1950 to 1959	336	194	479	98	88	205	134	59	177	318	29
1949 or earlier	241	322	198	26	14	44	7	14	6	52	—
AUTOMOBILES AVAILABLE											
1	934	873	653	474	291	312	220	550	616	856	219
2	451	292	481	297	301	456	342	475	941	857	100
3 or more	106	98	71	80	74	58	42	90	92	102	26
None	290	627	96	55	18	41	15	14	8	91	76
GROSS RENT											
Specified renter occupied units ¹	799	1 236	193	299	220	138	65	387	270	327	250
Less than \$40	9	15	—	—	—	—	—	—	—	—	—
\$40 to \$59	9	96	4	—	—	—	—	—	—	4	5
\$60 to \$79	32	178	13	4	15	10	—	—	—	10	—
\$80 to \$99	71	182	25	16	6	4	14	5	—	56	—
\$100 to \$149	291	496	62	92	42	85	13	80	77	144	14
\$150 to \$199	268	169	66	161	143	35	30	271	147	84	129
\$200 to \$249	21	44	13	16	6	4	8	15	9	18	63
\$250 or more	64	21	—	—	4	—	—	5	14	—	31
No cash rent	34	35	10	10	4	—	—	11	23	11	8
Median	\$146	\$115	\$140	\$160	\$166	\$132	\$159	\$169	\$166	\$124	\$190
GROSS RENT AS PERCENTAGE OF INCOME BY INCOME											
Specified renter occupied units ¹	799	1 236	193	299	220	138	65	387	270	327	250
Less than \$5,000	352	792	74	107	56	33	8	49	58	73	97
Less than 20 percent	5	69	—	—	—	—	—	—	—	—	—
20 to 24 percent	11	48	11	—	—	—	—	—	—	9	—
25 to 34 percent	31	107	5	9	—	—	—	—	—	10	—
35 percent or more	272	522	53	88	44	19	8	34	53	48	84
Not computed	33	46	5	10	6	4	—	10	5	6	13
Median	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	265	274	72	71	88	71	23	137	123	102	51
Less than 20 percent	66	81	35	16	7	34	—	14	10	25	5
20 to 24 percent	63	70	11	18	28	17	12	40	5	38	6
25 to 34 percent	106	88	10	33	27	20	11	57	66	30	24
35 percent or more	30	35	11	4	22	—	—	15	29	4	16
Not computed	—	—	5	—	4	—	—	11	13	5	—
Median	25.3	24.0	19.4	25.5	27.6	20.4	...	26.6	31.1	23.1	31.0
\$10,000 to \$14,999	106	126	27	76	64	21	26	140	52	118	78
25 percent or more	10	—	—	—	—	—	—	—	—	—	5
Not computed	6	7	—	—	—	—	—	—	5	—	—
Median	14.9	13.4	14.8	16.4	15.7	...	14.6	16.2	18.0	14.3	18.7
\$15,000 or more	76	44	20	45	12	13	8	61	37	34	24
25 percent or more	5	5	—	—	—	—	—	—	—	—	4
Not computed	5	—	—	—	—	—	—	—	—	—	—
Median	12.7	12.5	...	12.1	...	...	...	12.5	10.0-	10.0-	...

¹Excludes 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**

	Olmsted County		
	Total	Rochester	Balance
All occupied housing units	68	59	9
TENURE AND PLUMBING			
Owner occupied	29	23	6
With all plumbing facilities	28	22	6
Renter occupied	39	36	3
With all plumbing facilities	37	34	...
ROOMS			
1 room	2	2	—
2 rooms	9	9	—
3 and 4 rooms	24	21	3
5 and 6 rooms	28	22	6
7 rooms or more	5	5	—
Median	4.4	4.0	5.0
PERSONS			
1 person	16	16	—
2 and 3 persons	25	21	4
4 and 5 persons	22	18	4
6 persons or more	5	4	1
Median	2.9	2.7	3.7
Units with roomers, boarders, or lodgers	5	5	—
PERSONS PER ROOM			
1.00 or less	65	56	9
1.01 to 1.50	3	3	—
1.51 or more	—	—	—
Units with all plumbing facilities—1.01 or more	3	3	—
VALUE			
Specified owner occupied units ¹	25	21	...
Less than \$5,000	—	—	...
\$5,000 to \$9,999	1	—	...
\$10,000 to \$14,999	3	2	...
\$15,000 to \$19,999	5	3	...
\$20,000 to \$34,999	16	16	...
\$35,000 or more	—	—	...
Median	\$23 500	\$25 500	...
CONTRACT RENT			
Specified renter occupied units ²	37	35	...
Median	\$148	\$152	...

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

²Excludes 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**

	Olmsted County		
	Total	Rochester	Balance
All occupied housing units	60	60	-
UNITS IN STRUCTURE			
1 (includes mobile home or trailer)	36	36	-
2 to 4	14	14	-
5 or more	10	10	-
YEAR STRUCTURE BUILT			
1960 to March 1970	31	31	-
1950 to 1959	8	8	-
1949 or earlier	21	21	-
SELECTED EQUIPMENT			
With air conditioning	25	25	-
With more than 1 bathroom	19	19	-
With central or built-in heating system	60	60	-
With public water supply	62	62	-
With public sewer	62	62	-
With automobile(s) available	44	44	-
1	17	17	-
2 or more	27	27	-
YEAR MOVED INTO UNIT			
1968 to March 1970	36	36	-
1960 to 1967	20	20	-
1959 or earlier	6	6	-
GROSS RENT			
Specified renter occupied units ¹ .....	...	...	-
Less than \$40 .....	...	...	-
\$40 to \$59 .....	...	...	-
\$60 to \$79 .....	...	...	-
\$80 to \$99 .....	...	...	-
\$100 to \$149 .....	...	...	-
\$150 to \$199 .....	...	...	-
\$200 or more .....	...	...	-
No cash rent .....	...	...	-
Median .....	...	...	-
GROSS RENT AS PERCENTAGE OF INCOME			
BY INCOME			
Less than \$10,000 .....	...	...	-
25 percent or more .....	...	...	-
35 percent or more .....	...	...	-
Not computed .....	...	...	-
Median .....	...	...	-

¹Excludes 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**

	Olmsted County		
	Total	Rochester	Balance
All occupied housing units	132	105	27
TENURE AND PLUMBING			
Owner occupied	79	58	21
With all plumbing facilities	79	58	...
Renter occupied	53	47	6
With all plumbing facilities	53	47	...
ROOMS			
1 room	-	-	...
2 rooms	5	5	...
3 and 4 rooms	41	35	...
5 and 6 rooms	44	38	...
7 rooms or more	42	27	...
UNITS IN STRUCTURE			
1 (includes mobile home or trailer)	100	73	...
2 to 4	-	-	...
5 or more	32	32	...
YEAR STRUCTURE BUILT			
1960 to March 1970	64	43	...
1950 to 1959	26	26	...
1949 or earlier	42	36	...
PERSONS			
1 person	5	5	...
2 and 3 persons	54	33	...
4 and 5 persons	45	39	...
6 persons or more	28	28	...
Median	3.9	4.5	...
Units with roomers, boarders, or lodgers	9	9	...
PERSONS PER ROOM			
1.00 or less	115	88	...
1.01 to 1.50	17	17	...
1.51 or more	-	-	...
Units with all plumbing facilities - 1.01 or more	17	17	...
YEAR MOVED INTO UNIT			
1968 to March 1970	77	65	...
1960 to 1967	49	40	...
1959 or earlier	6	-	...
SELECTED EQUIPMENT			
With air conditioning	64	49	...
With more than 1 bathroom	62	47	...
With central or built-in heating system	132	105	...
With public water supply	111	105	...
With public sewer	105	105	...
With automobile(s) available	132	105	...
1	79	67	...
2 or more	53	38	...
VALUE			
Specified owner occupied units ¹	67	58	...
Less than \$5,000	-	-	...
\$5,000 to \$9,999	-	-	...
\$10,000 to \$14,999	6	6	...
\$15,000 to \$19,999	19	19	...
\$20,000 to \$34,999	13	13	...
\$35,000 or more	29	20	...
Median	\$23 300	\$21 500	...
GROSS RENT			
Specified renter occupied units ²	53	47	...
Less than \$40	-	-	...
\$40 to \$59	-	-	...
\$60 to \$79	-	-	...
\$80 to \$99	-	-	...
\$100 to \$149	33	33	...
\$150 to \$199	13	7	...
\$200 or more	7	7	...
No cash rent	-	-	...
Median	\$144	\$141	...
CONTRACT RENT			
Specified renter occupied units ²	53	47	...
Median	\$119	\$117	...
GROSS RENT AS PERCENTAGE OF INCOME BY INCOME			
Less than \$10,000	32	32	...
25 percent or more	5	5	...
35 percent or more	5	5	...
Not computed	-	-	...
Median .....	...	...	...

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

²Excludes one-family homes on 10 acres or more.

³Excludes 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

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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

APPENDIX C—Continued

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 ¹	Sample rate (percent)	Factor	Housing subjects ¹	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 ..			Units in structure	20	0.8
Spanish heritage subjects)	15	1.6	Year structure built	20	0.9
Nativity and parentage	15	1.7	Heating equipment	20	0.8
School enrollment	15	1.0	Basement	20	0.9
Years of school completed	20	1.0	Source of water	15	1.0
Residence in 1965	15	2.0	Sewage disposal	15	1.0
Employment status	20	0.8	Air conditioning	15	1.1
Place of work	15	1.3	Year moved into unit	15	1.1
Means of transportation			Gross rent	20	0.9
to work	15	1.3	All other—20 percent	20	1.0
Occupation	20	1.1	—15 percent	15	1.2
Industry	20	1.1			
Class of worker	20	1.1			
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			

¹Tabulations 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, 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.

**Volume VI.
ESTIMATES OF "SUBSTANDARD"
HOUSING**

This volume will present counts of "substandard" housing units for counties and cities, based on the number of units lacking plumbing facilities combined with estimates of units with all plumbing facilities but in "dilapidated" condition.

**Volume VII.
SUBJECT REPORTS**

Each report in this volume will concentrate on a particular subject. Detailed information and cross-classifications will generally be provided on a national and regional level; in some reports, data for States or SMSA's may also be shown. Among the subjects to be covered are housing characteristics by household composition, housing of minority groups and senior citizens, and households in mobile homes.

Joint Population-Housing Reports

**Series PHC(1).
CENSUS TRACT REPORTS**

This series contains one report for each SMSA, showing data for most of the population and housing subjects included in the 1970 census.

**Series PHC(2).
GENERAL DEMOGRAPHIC TRENDS FOR
METROPOLITAN AREAS, 1960 to 1970**

This series consists of one report for each State and the District of Columbia, as well as a national summary report, presenting statistics for the State and for SMSA's and their central cities and constituent counties. Comparative 1960 and 1970 data are shown on population counts by age and race and on such housing subjects as tenure, plumbing facilities, value, and contract rent.

**Series PHC(3).
EMPLOYMENT PROFILES OF SELECTED
LOW-INCOME AREAS**

This series will consist of approximately 70 reports, each presenting statistics on the social and economic characteristics of the residents of a particular low-income area. The data relate to low-income neighborhoods in 54 cities and seven rural poverty areas. Each report will provide statistics on employment and unemployment, education, vocational training, availability for work, job history, and income, as well as on value or rent and number of rooms in the housing unit.

Additional Reports

**Series PHC(E).
EVALUATION REPORTS**

This open series will present the results of the extensive evaluation program conducted as an integral part of the 1970 census program, and relating to such matters as completeness of enumeration and quality of the data on characteristics.

**Series PHC(R).
PROCEDURAL REPORTS**

This open series presents information on various administrative and methodological aspects of the 1970 census, and will include a comprehensive procedural history of the 1970 census. The first report issued focuses on the forms and procedures used in the data collection phase of the census.

Computer Summary Tapes

The major portion of the results of the 1970 census will be produced in a set of six tabulation counts. To help meet the needs of census users, these counts are being designed to provide data with much greater subject and geographic detail than it is feasible or desirable to publish in printed reports. The data so tabulated will generally be available—subject to suppression of certain detail where necessary to protect confidentiality—on magnetic computer tape, printouts, and microfilm, at the cost of preparing the copy.

First Count—source of the PC(1)-A reports; contains about 400 cells of data on the subjects covered in the PC(1)-B and HC(1)-A reports and tabulated for each of the approximately 250,000 enumeration districts in the United States.

Second Count—source of the PC(1)-B, HC(1)-A, and part of the PHC(1) reports; contains about 3,500 cells of data covering the subjects in these reports and tabulated for the approximately 35,000 tracts and 35,000 county subdivisions in the United States.

Third Count—source of the HC(3) reports; contains about 250 cells of data on the subjects covered in the PC(1)-B and HC(1)-A reports and tabulated for approximately 1,500,000 blocks in the United States.

Fourth Count—source of the PC(1)-C, HC(1)-B, and part of the PHC(1) reports; contains about 13,000 cells of data covering the subjects in these reports and tabulated for the approximately 35,000 tracts and 35,000 county subdivisions in the United States; also contains about 30,000 cells of data for each county.

Fifth Count—will contain approximately 800 cells of population and housing data for 5-digit ZIP code areas in SMSA's and 3-digit ZIP code areas outside SMSA's; the ZIP code data will be available only on tape.

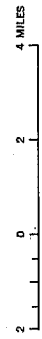
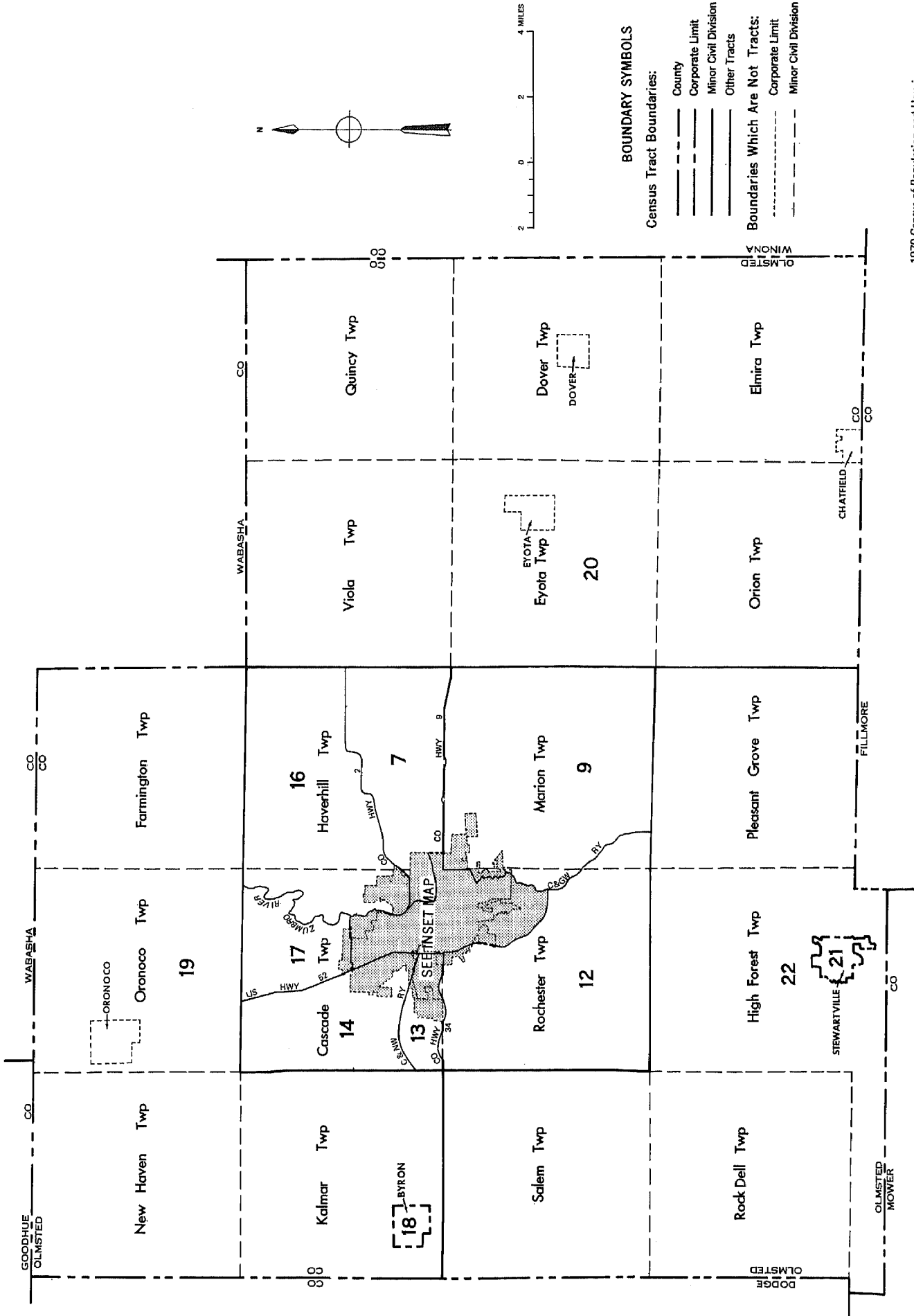
Sixth Count—source of the PC(1)-D and HC(2) reports; will contain about 260,000 cells of data covering the subjects in these reports and tabulated for States, SMSA's, and large cities.

The tapes will generally be organized on a State basis. To use the First Count and Third Count tapes, it will be necessary to purchase the appropriate enumeration district and block maps.

The term "cells" used herein to indicate the scope of subject content of the several counts refers to each figure or statistic in the tabulation for a specific geographic area. For example, in the Third Count, there are six cells for a cross-classification of race by sex; three categories of race (white, Negro, other race) by two categories of sex (male, female).

In addition to the above-mentioned summary tapes, the Census Bureau will make available for purchase certain sample tape files containing population and housing characteristics as shown on individual census records. These files will contain no names or addresses, and the geographic identification will be sufficiently broad to protect confidentiality. There will be six files, each containing a 1-percent national sample of persons and housing units. Three of the files will be drawn from the population covered by the census 15-percent sample and three from the population in the census 5-percent sample. Each of these three files will provide a different type of geographic information: One will identify individual large SMSA's and, for the rest of the country, groups of counties; the second will identify individual States and, where they are sufficiently large, will provide urban-rural and metropolitan-nonmetropolitan detail; and the third will identify State groups and size of place, with each individual record showing selected characteristics of the person's neighborhood.

CENSUS TRACTS IN THE ROCHESTER, MINN. SMSA



BOUNDARY SYMBOLS

- Census Tract Boundaries:
- County
 - Corporate Limit
 - Minor Civil Division
 - Other Tracts
- Boundaries Which Are Not Tracts:
- Corporate Limit
 - Minor Civil Division

