

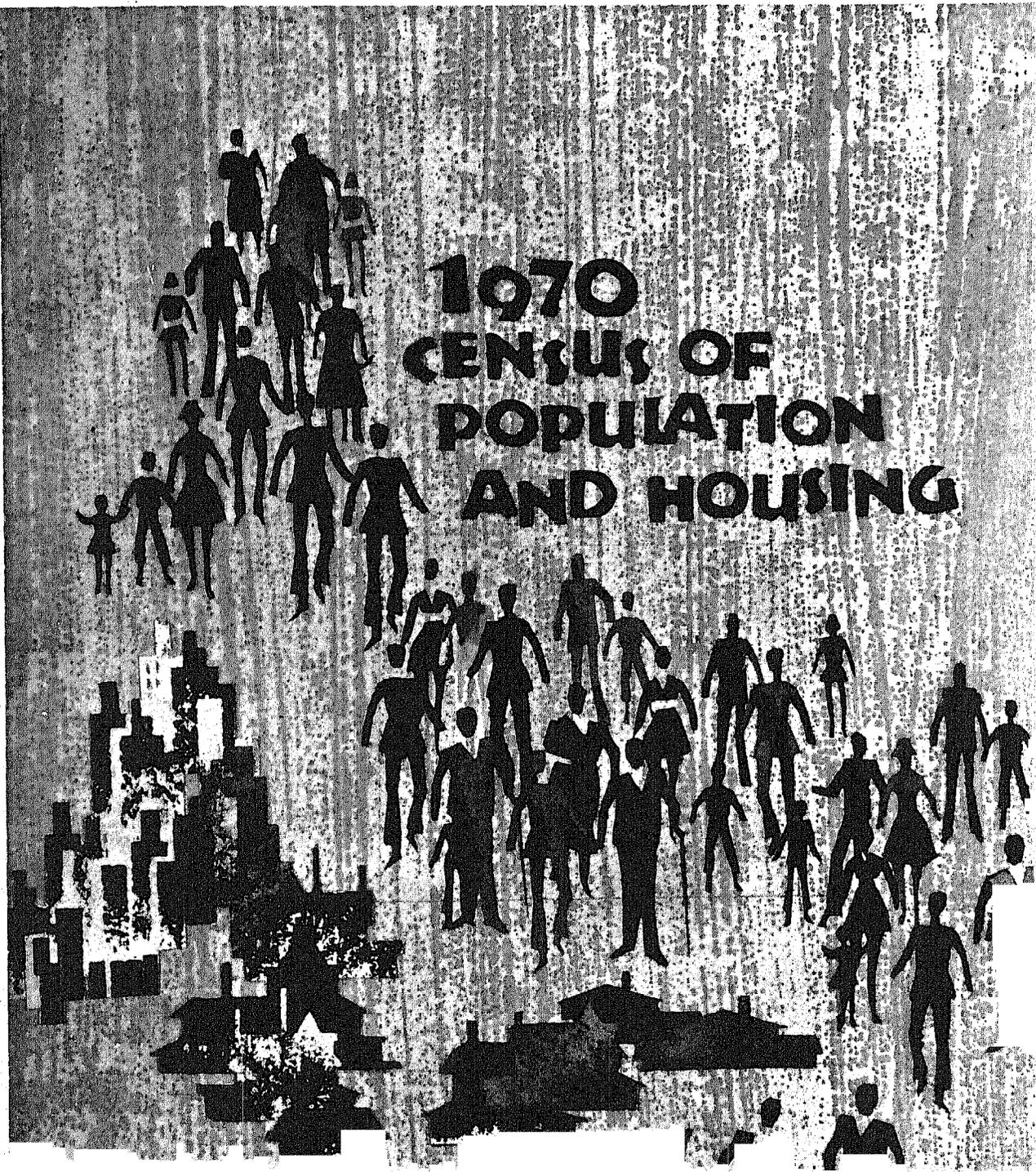
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COMMERCE
PUBLICATION



Census Tracts

LAWRENCE-HAVERHILL, MASS.-N.H.
STANDARD METROPOLITAN STATISTICAL AREA

PHC(1)-109



1970
CENSUS OF
POPULATION
AND HOUSING

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

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THE CENSUS

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Maps identifying the tracts covered herein are included in or accompany this report

1970 CENSUS OF POPULATION AND HOUSING

Census Tracts

LAWRENCE-HAVERHILL,
MASS.-N.H.

STANDARD METROPOLITAN
STATISTICAL AREA

LIST OF PHC(1) CENSUS TRACT REPORTS

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

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

Report number	Area	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-Milville-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.
				241	San Juan, P.R.

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.

APPENDIXES

A. Area Classifications	App-1
B. Definitions and Explanations of Subject Characteristics	App-3
C. Accuracy of the Data	App-13
D. Publication and Computer Summary Tape Program	App-20

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."

Table A. Tract Comparability: 1970 to 1960

[Only part of the area was tracted in 1960. The tables list only those census tracts for which the boundaries or identification changed between 1960 and 1970.]

1970 tract	1960 tract
MASSACHUSETTS PORTION	
2501	0001
2502	0002
2503	0003
2504	0004
2505	0005
2506	0006
2507	0007
2508	0008
2509	0009
2510	0010
2511	0011
	0012 PART
2512	0012 PART
2513	0013
2514	0014
2515	0015
2516	0016
2517	0017
2518	0018
2521	M-0019
2522	M-0020
2523	M-0021
2524	M-0022
2525	M-0023
2526	M-0024
2531	N-0025
2532	N-0026
2541	A-0027
2542	A-0028
2543	A-0029
2544	A-0030

Table B. Tract Comparability: 1960 to 1970

[Only part of the area was tracted in 1960. The tables list only those census tracts for which the boundaries or identification changed between 1960 and 1970.]

1960 tract	1970 tract
MASSACHUSETTS PORTION	
0001	2501
0002	2502
0003	2503
0004	2504
0005	2505
0006	2506
0007	2507
0008	2508
0009	2509
0010	2510
0011	2511 PART
0012	2512
	2511 PART
0013	2513
0014	2514
0015	2515
0016	2516
0017	2517
0018	2518
A-0027	2541
A-0028	2542
A-0029	2543
A-0030	2544
M-0019	2521
M-0020	2522
M-0021	2523
M-0022	2524
M-0023	2525
M-0024	2526
N-0025	2531
N-0026	2532

CORRECTION NOTE

The data on "Residence in 1965" shown in table P-2 contain an error in classification. Residents of New Hampshire who should have been counted in the category "In central city of this SMSA" (i.e., Haverhill or Lawrence, Mass.) were erroneously included in the category "In other part of this SMSA." This misclassification affects the figures shown in these two categories for the "Total SMSA" and the part of the SMSA in New Hampshire.

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	Part in Essex County, Mass.					Part in Rockingham County, N.H.	Haverhill				
	Total SMSA	Total	Haverhill	Lawrence	Balance		Tract 2601	Tract 2602	Tract 2603	Tract 2604	Tract 2605
RACE											
All persons	232 415	205 641	46 120	66 915	92 606	26 774	4 247	3 309	6 724	3 917	3 764
White	230 339	203 672	45 557	65 930	92 185	26 667	4 133	3 185	6 690	3 870	3 741
Negro	1 328	1 307	434	682	191	21	93	109	13	33	15
Percent Negro	0.6	0.6	0.9	1.0	0.2	0.1	2.2	3.3	0.2	0.8	0.4
AGE BY SEX											
Male, all ages											
Under 5 years	111 124	97 679	21 427	31 441	44 811	13 445	2 005	1 433	3 182	1 936	1 733
3 and 4 years	10 317	8 820	1 968	2 839	4 013	1 497	195	152	264	143	124
5 to 9 years	4 269	3 669	815	1 088	1 766	600	69	64	112	68	54
10 to 14 years	11 827	10 154	2 184	2 955	5 015	1 673	166	133	360	233	189
15 to 19 years	2 266	1 941	422	586	933	325	39	26	70	40	33
20 to 24 years	2 385	2 045	421	617	1 007	340	29	32	73	40	38
25 to 29 years	11 540	10 031	2 123	2 886	5 022	1 509	142	117	312	211	165
30 to 34 years	2 286	2 010	406	627	977	276	26	26	51	53	27
35 to 39 years	9 721	8 699	1 873	2 664	4 162	1 022	149	108	266	191	162
40 to 44 years	2 272	1 994	426	585	983	278	31	23	59	48	37
45 to 49 years	2 113	1 880	407	559	914	233	32	18	58	40	35
50 to 54 years	2 060	1 838	414	552	872	222	23	31	50	42	39
55 to 59 years	1 753	1 606	321	521	764	147	28	18	57	33	25
60 to 64 years	1 523	1 381	305	447	629	142	35	18	42	28	26
65 to 69 years	7 479	6 447	1 402	2 513	2 732	832	175	112	167	92	81
70 to 74 years	1 488	1 370	247	503	620	118	27	23	24	21	18
75 years and over	1 342	1 214	247	472	495	128	39	14	29	17	14
Female, all ages	121 291	107 962	24 693	35 474	47 795	13 329	2 242	1 876	3 542	1 981	2 031
Under 5 years	9 849	8 461	1 855	2 782	3 824	1 388	218	116	255	148	132
3 and 4 years	4 050	3 472	773	1 068	1 631	578	90	38	132	65	54
5 to 9 years	11 228	9 667	2 107	2 846	4 714	1 561	165	135	288	213	169
10 to 14 years	2 247	1 947	406	574	967	300	31	29	51	41	28
15 to 19 years	2 211	1 877	418	577	882	334	30	25	63	37	40
20 to 24 years	10 923	9 556	2 081	2 819	4 656	1 367	132	136	331	195	176
25 to 29 years	2 143	1 912	436	560	916	231	27	30	66	40	39
30 to 34 years	9 890	8 903	2 115	2 725	4 063	987	168	114	273	171	145
35 to 39 years	2 092	1 855	377	558	920	237	18	21	54	45	32
40 to 44 years	1 928	1 722	366	490	866	206	28	21	60	36	31
45 to 49 years	1 982	1 756	391	532	833	226	44	18	59	29	30
50 to 54 years	2 023	1 834	506	570	758	189	36	22	58	36	33
55 to 59 years	1 865	1 736	475	575	686	129	42	32	42	25	19
60 to 64 years	9 122	8 005	1 714	2 964	3 327	1 117	168	136	208	123	103
65 to 69 years	1 933	1 746	390	613	743	187	47	38	42	30	25
70 to 74 years	1 832	1 633	335	616	682	199	44	24	39	27	25
75 years and over	13 507	11 411	2 384	3 458	5 569	2 094	212	179	346	218	173
Relationship to head of household	12 853	11 223	2 374	3 160	5 689	1 630	170	131	364	237	198
55 to 59 years	14 911	13 509	3 003	4 516	5 990	1 402	252	170	417	275	225
60 to 64 years	6 490	5 971	1 370	2 125	2 476	519	130	82	186	104	129
65 to 74 years	5 671	5 261	1 282	1 932	2 047	410	127	104	180	95	98
75 years and over	9 548	9 003	2 374	3 589	3 040	545	289	271	351	118	212
Persons per household	7 299	6 992	2 034	2 558	2 400	307	211	302	343	84	221
RELATIONSHIP TO HEAD OF HOUSEHOLD											
All persons	232 415	205 641	46 120	66 915	92 606	26 774	4 247	3 309	6 724	3 917	3 764
In households	227 936	201 216	44 808	65 589	90 819	26 720	4 190	3 142	6 416	3 917	3 559
Head of household	73 724	65 912	15 233	23 229	27 450	7 812	1 856	1 325	2 031	1 125	1 133
Primary individual	14 847	13 932	3 660	6 235	4 037	6 897	940	777	1 679	1 002	953
Wife of head	50 372	43 986	9 625	13 510	20 851	6 386	626	548	352	123	180
Other relative of head	101 824	89 568	19 481	28 299	41 788	12 256	1 574	591	1 521	896	837
Not related to head	2 016	1 750	469	551	730	266	94	56	63	46	57
In group quarters	4 479	4 425	1 312	1 326	1 787	54	57	167	308	-	205
Persons per household	3.09	3.05	2.94	2.82	3.31	3.42	2.21	2.37	3.16	3.48	3.14
TYPE OF FAMILY AND NUMBER OF OWN CHILDREN											
All families	58 877	51 980	11 573	16 994	23 413	6 897	940	777	1 679	1 002	953
With own children under 18 years	31 614	27 374	5 881	8 327	13 166	4 240	468	379	847	544	487
Number of children	75 231	65 198	14 096	19 552	31 550	10 033	1 108	875	2 045	1 340	1 147
Husband-wife families	50 372	43 986	9 625	13 510	20 851	6 386	626	591	1 521	896	837
With own children under 18 years	28 206	24 226	5 068	6 952	12 206	3 980	304	291	787	501	453
Number of children	67 669	58 160	12 284	16 353	29 523	9 509	724	689	1 921	1 241	1 083
Percent of total under 18 years	86.6	85.9	83.6	80.1	90.5	91.5	60.6	74.8	89.3	88.0	93.4
Families with other male head	1 855	1 714	355	759	600	141	43	27	32	26	28
With own children under 18 years	395	355	68	141	146	40	4	8	8	10	7
Number of children	770	697	123	286	288	73	7	12	15	21	3
Families with female head	6 650	6 280	1 593	2 725	1 962	370	271	159	126	80	88
With own children under 18 years	3 013	2 793	745	1 234	814	220	160	80	52	33	31
Number of children	6 792	6 341	1 689	2 913	1 739	451	377	174	109	78	57
Percent of total under 18 years	8.7	9.4	11.5	14.3	5.3	4.3	31.6	18.9	5.1	5.5	4.9
Persons under 18 years	78 131	67 734	14 699	20 403	32 632	10 397	1 194	921	2 150	1 410	1 159
MARITAL STATUS											
Male, 14 years old and over											
Single	79 726	70 684	15 558	23 388	31 738	9 042	1 534	1 057	2 297	1 382	1 282
Married	21 940	19 924	4 177	7 084	8 663	2 016	518	256	534	380	330
Separated	53 139	46 494	10 249	14 567	21 678	6 645	744	672	1 614	949	868
Widowed	1 233	1 124	309	505	310	109	95	49	31	17	7
Divorced	3 042	2 847	714	1 173	960	195	127	85	100	38	66
	1 605	1 419	418	564	437	186	145	44	49	15	18
Female, 14 years old and over											
Single	91 434	82 190	19 086	27 587	35 517	9 244	1 754	1 519	2 734	1 465	1 593
Married	21 998	20 332	4 637	7 053	8 642	1 666	388	332	603	335	368
Separated	54 205	47 542	10 561	14 989	21 992	6 663	805	698	1 609	957	896
Widowed	2 101	1 991	562	929	500	110	153	75	31	19	17
Divorced	12 463	11 787	3 139	4 575	4 073	676	399	386	461	145	274
	2 768	2 529	749	970	810	239	162	103	61	28	55

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	Haverhill—Con.						Lawrence					
	Tract 2606	Tract 2607	Tract 2608	Tract 2609	Tract 2610	Tract 2611	Tract 2501	Tract 2502	Tract 2503	Tract 2504	Tract 2505	Tract 2506
RACE												
All persons	3 288	3 299	4 899	3 196	4 389	5 088	1 002	4 937	2 367	3 449	3 309	4 360
White	3 260	3 273	4 844	3 157	4 349	5 055	962	4 887	2 328	3 334	3 277	4 346
Negro	25	24	44	32	38	8	24	34	19	102	22	5
Percent Negro	0.8	0.7	0.9	1.0	0.9	0.2	2.4	0.7	0.8	3.0	0.7	0.1
AGE BY SEX												
Male, all ages	1 549	1 521	2 329	1 530	2 021	2 188	682	2 320	1 117	1 633	1 560	1 980
Under 5 years	160	138	261	148	192	171	16	215	95	190	157	154
3 and 4 years	61	66	110	53	74	84	5	83	43	75	59	51
5 to 9 years	150	189	232	134	199	199	22	227	106	180	151	135
5 years	29	29	51	23	45	37	3	46	23	38	26	33
6 years	30	44	41	29	35	30	5	47	23	36	30	25
10 to 14 years	144	169	220	158	214	271	19	225	94	192	165	154
14 years	26	40	47	25	39	40	3	43	24	43	36	32
15 to 19 years	154	135	199	141	162	206	29	196	85	145	141	165
15 years	36	26	45	40	32	49	7	37	19	40	35	33
16 years	31	28	48	38	36	43	3	44	21	27	26	38
17 years	37	32	40	25	37	58	6	49	12	29	27	37
18 years	19	33	28	21	29	30	7	43	17	28	24	27
19 years	31	16	38	17	28	26	6	23	16	21	29	30
20 to 24 years	127	93	167	113	163	112	61	191	108	129	121	176
20 years	24	17	26	27	23	17	14	36	15	29	22	31
21 years	17	14	34	19	29	21	18	45	17	25	22	37
25 to 34 years	177	152	242	156	228	204	82	277	120	184	152	209
35 to 44 years	146	173	204	143	189	250	108	217	114	151	153	165
45 to 54 years	174	203	259	209	250	282	117	274	110	174	198	289
55 to 64 years	85	57	139	105	109	136	45	136	65	85	81	161
60 to 64 years	63	71	105	60	99	107	45	119	62	55	65	109
65 to 74 years	115	76	150	91	121	151	83	151	122	83	100	139
75 years and over	54	65	151	72	95	99	55	92	36	65	76	124
Female, all ages	1 739	1 778	2 570	1 666	2 368	2 900	320	2 617	1 250	1 816	1 749	2 380
Under 5 years	133	142	210	124	195	182	17	224	87	193	128	156
3 and 4 years	56	59	80	54	74	71	2	82	35	82	45	54
5 to 9 years	150	202	212	154	194	225	19	223	86	184	166	152
5 years	29	38	48	23	40	48	5	41	14	41	22	27
6 years	25	40	44	40	35	39	1	44	22	39	46	34
10 to 14 years	166	171	206	147	188	233	20	184	110	163	175	174
14 years	38	37	48	28	34	49	4	32	22	35	31	36
15 to 19 years	121	123	211	134	153	502	25	214	103	154	161	191
15 years	33	24	48	28	35	39	1	46	22	37	37	37
16 years	27	32	40	23	30	38	4	37	17	24	24	40
17 years	27	34	45	27	34	37	6	47	24	36	33	31
18 years	18	19	44	33	26	188	6	38	16	34	31	43
19 years	16	14	34	23	28	200	8	46	24	23	36	40
20 to 24 years	152	126	196	129	175	198	23	233	109	169	126	192
20 years	21	25	29	17	26	98	6	46	26	36	22	43
21 years	33	28	36	26	26	25	3	47	24	34	29	45
25 to 34 years	168	179	255	165	253	337	37	274	113	177	151	205
35 to 44 years	163	191	236	186	221	277	31	238	107	172	153	195
45 to 54 years	217	206	339	223	290	339	43	334	133	193	237	346
55 to 64 years	109	87	152	105	137	149	19	129	79	87	93	181
60 to 64 years	94	69	147	89	142	137	19	128	88	70	87	129
65 to 74 years	158	150	258	124	214	229	37	261	155	142	157	264
75 years and over	108	132	148	86	206	193	30	175	80	112	115	195
RELATIONSHIP TO HEAD OF HOUSEHOLD												
All persons	3 288	3 299	4 899	3 196	4 389	5 088	1 002	4 937	2 367	3 449	3 309	4 360
In households	3 288	3 222	4 879	3 174	4 373	5 088	990	4 902	2 366	3 449	3 309	4 331
Head of household	1 067	982	1 689	1 022	1 505	1 458	657	1 623	1 089	1 089	1 084	1 543
Head of family	870	830	1 284	853	1 141	1 244	164	1 289	575	850	838	1 220
Primary individual	197	152	405	169	214	493	334	340	239	246	246	323
Wife of head	715	708	983	705	956	1 087	124	1 076	462	645	619	962
Other relative of head	1 484	1 517	2 151	1 436	1 870	2 057	202	2 172	955	1 667	1 577	1 792
Not related to head	22	15	56	11	42	46	7	31	34	48	29	34
In group quarters	—	77	20	22	16	440	12	35	1	—	—	29
Persons per household	3.08	3.28	2.89	3.11	2.91	3.19	1.51	3.02	2.59	3.17	3.05	2.81
TYPE OF FAMILY AND NUMBER OF OWN CHILDREN												
All families	870	830	1 284	853	1 141	1 244	164	1 289	575	850	838	1 220
With own children under 18 years	444	463	635	447	573	594	70	658	264	459	439	523
Number of children	1 037	1 156	1 531	1 015	1 353	1 489	129	1 503	669	1 222	1 085	1 100
Husband-wife families	715	708	983	705	956	1 087	124	1 076	462	645	619	962
With own children under 18 years	390	412	493	381	500	556	50	582	232	363	344	450
Number of children	945	1 024	1 193	844	1 203	1 417	97	1 356	579	963	858	949
Percent of total under 18 years	86.4	86.3	74.2	80.7	86.8	91.7	69.3	87.0	83.5	74.4	76.3	83.2
Families with other male head	23	27	60	29	24	36	18	44	20	51	42	62
With own children under 18 years	3	4	13	7	3	5	9	8	2	5	14	5
Number of children	3	5	29	12	5	7	12	15	11	11	33	5
Families with female head	132	95	241	119	161	121	22	169	93	154	177	194
With own children under 18 years	51	47	129	59	70	33	11	68	30	91	81	68
Number of children	89	127	309	159	145	65	20	132	79	248	194	146
Percent of total under 18 years	8.1	10.7	19.2	15.2	10.5	4.2	14.3	8.5	11.4	19.2	17.3	12.8
Persons under 18 years	1 094	1 187	1 607	1 046	1 386	1 545	140	1 558	693	1 295	1 124	1 141
MARITAL STATUS												
Male, 14 years old and over	1 121	1 065	1 663	1 115	1 455	1 587	628	1 696	846	1 114	1 123	1 569
Single	317	278	484	304	387	389	247	468	255	364	378	454
Married	746	739	1 051	742	989	1 135	254	1 127	513	680	667	1 011
Separated	18	10	42	14	9	17	77	29	22	23	23	19
Widowed	33	32	84	51	54	44	57	80	47	41	52	76
Divorced	25	16	44	18	25	19	70	21	31	29	26	28
Female, 14 years old and over	1 328	1 300	1 990	1 269	1 825	2 309	268	2 018	989	1 311	1 311	1 934
Single	325	291	454	271	397	873	62	521	229	324	346	558
Married	773	771	1 115	772	1 031	1 134	144	1 139	516	725	704	1 036
Separated	41	41	90	40	38	17	11	36	33	58	72	36
Widowed	189	199	306	187	330	263	50	297	191	203	217	291
Divorced	41	39	115	39	67	39	12	61	53	59	44	49

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	Lawrence—Con.											
	Tract 2507	Tract 2508	Tract 2509	Tract 2510	Tract 2511	Tract 2512	Tract 2513	Tract 2514	Tract 2515	Tract 2516	Tract 2517	Tract 2518
RACE												
All persons	4 121	6 004	1 969	2 046	1 765	1 155	3 497	4 739	5 420	5 280	4 393	7 102
White	4 064	5 982	1 914	2 021	1 742	1 135	3 343	4 573	5 323	5 242	4 381	7 076
Negro	45	8	7	11	21	6	128	152	83	8	2	5
Percent Negro	1.1	0.1	0.4	0.5	1.2	0.5	3.7	3.2	1.5	0.2	-	0.1
AGE BY SEX												
Male, all ages												
Under 5 years	1 859	2 848	921	953	791	564	1 658	2 180	2 478	2 499	2 011	3 447
3 and 4 years	149	250	83	56	78	28	157	257	268	253	161	272
5 to 9 years	65	77	32	23	28	13	65	93	111	96	48	121
10 to 14 years	147	281	74	54	64	19	196	260	284	259	185	311
15 to 19 years	27	65	10	7	9	7	32	57	58	60	39	52
20 to 24 years	32	50	22	12	16	7	34	46	59	62	39	72
25 to 29 years	153	237	60	85	61	10	175	220	223	220	234	359
30 to 34 years	36	79	17	11	17	4	32	41	40	45	44	80
35 to 39 years	130	219	74	93	70	37	149	188	189	192	206	356
40 to 44 years	23	77	10	24	8	7	31	49	36	37	40	72
45 to 49 years	26	33	13	18	11	8	36	43	45	41	53	73
50 to 54 years	23	45	24	22	16	3	25	35	32	44	42	81
55 to 59 years	27	40	14	14	23	7	34	37	40	36	36	67
60 to 64 years	31	24	13	15	12	12	23	24	36	34	35	63
65 to 69 years	162	260	67	69	94	30	105	151	167	204	172	246
70 to 74 years	27	46	18	14	19	2	19	31	35	42	45	57
75 years and over	226	374	9	81	15	9	23	26	33	36	32	57
Female, all ages												
Under 5 years	2 262	3 156	1 048	1 093	974	591	1 839	2 559	3 002	2 781	2 382	3 655
3 and 4 years	190	239	90	57	85	18	140	255	277	213	163	250
5 to 9 years	70	95	28	17	38	6	49	106	111	81	73	94
10 to 14 years	141	182	73	69	66	20	174	230	294	250	208	309
15 to 19 years	33	45	17	17	19	2	45	47	54	52	34	59
20 to 24 years	26	35	20	13	16	8	30	42	59	51	33	58
25 to 29 years	123	223	62	62	49	18	149	240	264	226	229	348
30 to 34 years	38	43	15	15	10	4	30	45	39	51	44	66
35 to 39 years	140	271	57	68	51	28	120	205	221	193	191	332
40 to 44 years	32	37	9	12	10	4	23	48	57	32	47	67
45 to 49 years	25	48	11	21	7	1	18	32	36	41	37	67
50 to 54 years	28	39	10	13	6	5	28	38	41	46	33	68
55 to 59 years	27	79	13	10	11	13	22	51	44	35	42	55
60 to 64 years	28	68	14	12	17	5	29	36	43	39	32	75
65 to 69 years	211	362	78	82	71	37	116	213	242	230	195	275
70 to 74 years	40	84	19	17	12	6	24	43	54	42	37	56
75 years and over	198	353	108	94	88	9	24	39	44	50	35	70
RELATIONSHIP TO HEAD OF HOUSEHOLD												
All persons	4 121	6 004	1 969	2 046	1 765	1 155	3 497	4 739	5 420	5 280	4 393	7 102
In households	4 114	5 668	1 967	2 027	1 531	974	3 446	4 629	5 402	5 253	4 301	6 930
Head of household	1 573	1 985	796	850	608	571	1 289	1 421	1 854	1 873	1 408	2 090
Primary individual	1 153	1 617	513	523	378	211	820	1 171	1 357	1 338	1 138	1 839
Wife of head	420	368	283	327	230	360	469	250	497	535	270	251
Other relative of head	884	1 405	398	391	279	149	596	912	1 036	1 067	860	1 645
Not related to head	1 628	2 247	760	764	619	233	1 526	2 267	2 471	2 272	2 000	3 147
In group quarters	29	31	13	22	25	21	35	29	41	41	33	48
Persons per household	7	336	2	19	234	181	51	110	18	27	92	172
TYPE OF FAMILY AND NUMBER OF OWN CHILDREN												
All families	1 153	1 617	513	523	378	211	820	1 171	1 357	1 338	1 138	1 839
With own children under 18 years	464	765	226	212	174	68	419	649	711	657	584	985
Number of children	1 017	1 554	473	467	430	129	1 108	1 636	1 804	1 606	1 396	2 224
Husband-wife families	884	1 405	398	391	279	149	596	912	1 036	1 067	860	1 645
With own children under 18 years	376	699	192	169	138	51	308	523	554	561	468	912
Number of children	816	1 430	409	379	347	96	817	1 324	1 392	1 391	1 071	2 079
Percent of total under 18 years	77.0	84.6	78.8	76.9	75.3	68.1	70.9	77.6	75.0	83.7	74.8	91.3
Families with other male head	71	41	44	30	21	18	46	48	45	64	44	50
With own children under 18 years	13	5	5	2	5	3	11	12	15	7	7	13
Number of children	24	8	10	3	9	5	22	27	31	13	14	33
Families with female head	198	171	71	102	78	44	178	211	276	207	234	144
With own children under 18 years	75	61	29	41	31	14	100	114	142	89	129	60
Number of children	177	116	54	85	74	28	269	285	381	202	311	112
Percent of total under 18 years	16.7	6.9	10.4	17.2	16.1	19.9	23.4	16.7	20.5	12.2	21.7	4.9
Persons under 18 years	1 060	1 691	519	493	461	141	1 152	1 707	1 857	1 662	1 432	2 277
MARITAL STATUS												
Male, 14 years old and over												
Single	1 446	2 159	721	769	605	511	1 162	1 484	1 683	1 812	1 475	2 585
Married	413	546	218	265	220	193	382	426	474	558	467	754
Separated	939	1 467	442	459	334	206	670	971	1 103	1 124	902	1 718
Widowed	29	17	12	18	17	42	51	18	37	29	14	28
Divorced	67	122	39	46	31	65	74	56	72	95	77	76
	27	24	22	19	20	47	36	29	34	35	29	37
Female, 14 years old and over												
Single	1 846	2 555	838	920	784	539	1 406	1 879	2 206	2 143	1 826	2 814
Married	512	626	157	239	203	209	328	474	537	525	471	732
Separated	974	1 508	461	447	333	185	699	1 040	1 193	1 177	968	1 740
Widowed	61	50	34	28	30	16	76	85	113	72	75	43
Divorced	302	368	198	183	218	131	289	293	372	376	313	283
	58	53	22	51	30	14	90	72	104	65	74	59

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 SMSA in Essex County, Mass.										
	Tract 2521	Tract 2522	Tract 2523	Tract 2524	Tract 2525	Tract 2526	Tract 2531	Tract 2532	Tract 2541	Tract 2542	Tract 2543
RACE											
All persons	5 879	5 005	5 958	4 420	8 003	6 191	6 251	10 033	5 849	4 908	5 846
White	5 865	4 994	5 932	4 393	7 975	6 169	6 232	9 977	5 832	4 877	5 805
Negro	11	-	17	18	6	14	7	14	1	23	13
Percent Negro	0.2	-	0.3	0.4	0.1	0.2	0.1	0.1	-	0.5	0.2
AGE BY SEX											
Male, all ages											
Under 5 years	2 861	2 505	2 666	2 079	3 806	3 098	2 983	4 857	2 775	2 205	2 904
3 and 4 years	220	225	247	214	271	259	268	433	222	188	234
5 to 9 years	102	109	80	85	118	109	117	199	106	80	110
10 to 14 years	339	319	206	216	310	310	316	504	281	234	331
15 to 19 years	62	78	22	47	56	50	64	105	51	30	64
20 to 24 years	61	57	46	41	60	65	47	101	61	53	71
25 to 29 years	362	331	218	187	366	357	300	445	306	239	392
30 to 34 years	72	51	42	36	79	83	55	97	54	48	69
35 to 39 years	260	213	192	183	357	267	288	542	258	204	296
40 to 44 years	57	49	41	37	99	55	63	95	58	44	87
45 to 49 years	54	46	41	41	87	70	64	74	81	41	60
50 to 54 years	55	49	39	40	69	53	77	69	53	48	61
55 to 59 years	50	40	33	33	58	52	39	161	31	39	60
60 to 64 years	44	29	38	32	44	37	45	143	35	32	28
65 to 69 years	141	132	256	185	254	213	217	400	159	160	131
70 to 74 years	37	28	44	32	53	36	46	122	32	36	20
75 years and over	27	28	43	38	42	46	35	92	27	27	15
Female, all ages	3 018	2 500	3 292	2 341	4 197	3 093	3 268	5 176	3 074	2 703	2 942
Under 5 years	200	210	222	224	261	239	299	397	223	182	202
3 and 4 years	97	100	79	80	116	97	122	160	87	71	90
5 to 9 years	308	300	222	205	286	261	251	544	271	244	337
10 to 14 years	67	60	47	49	54	55	56	111	57	50	54
15 to 19 years	51	85	38	33	52	51	42	105	48	42	57
20 to 24 years	274	262	229	162	319	299	281	476	300	261	356
25 to 29 years	62	48	51	29	61	74	57	94	60	56	69
30 to 34 years	277	226	251	179	343	275	243	597	251	192	277
35 to 39 years	61	58	60	37	67	63	61	94	52	51	66
40 to 44 years	67	45	44	41	83	57	55	83	69	39	65
45 to 49 years	60	45	56	27	76	46	48	93	49	40	69
50 to 54 years	52	43	39	34	63	56	36	180	42	36	41
55 to 59 years	37	35	52	40	54	53	43	147	39	26	36
60 to 64 years	201	136	323	215	265	245	267	517	170	175	162
65 to 69 years	37	38	67	41	64	44	51	178	27	30	41
70 to 74 years	48	23	74	40	62	41	55	119	29	40	34
75 years and over	309	305	319	257	384	349	326	667	340	258	335
Relationship to head of household	367	336	279	201	498	397	324	577	380	273	442
Head of family	444	304	393	303	662	441	394	594	446	329	364
Primary individual	158	132	184	161	327	207	192	210	165	114	135
Other relative of head	148	79	170	139	214	122	175	177	158	156	90
Not related to head	207	125	326	174	345	137	303	241	216	285	141
In group quarters	125	85	376	121	293	121	213	179	154	234	101
RELATIONSHIP TO HEAD OF HOUSEHOLD											
All persons	5 879	5 005	5 958	4 420	8 003	6 191	6 251	10 033	5 849	4 908	5 846
In households	5 819	4 994	5 765	4 407	7 717	6 191	6 235	9 132	5 811	4 827	5 759
Head of household	1 716	1 367	2 095	1 461	2 436	1 876	1 963	2 751	1 842	1 650	1 639
Head of family	1 520	1 254	1 577	1 157	2 129	1 644	1 619	2 390	1 562	1 201	1 427
Primary individual	196	113	518	304	307	232	344	361	280	449	212
Other relative of head	1 345	1 143	1 340	949	1 900	1 483	1 386	2 171	1 392	991	1 338
Not related to head	2 739	2 463	2 277	1 919	3 344	2 786	2 845	4 140	2 524	2 136	2 732
In group quarters	19	21	53	78	37	46	41	70	53	50	50
Persons per household	60	11	193	13	286	-	16	901	38	81	87
TYPE OF FAMILY AND NUMBER OF OWN CHILDREN											
All families	1 520	1 254	1 577	1 157	2 129	1 644	1 619	2 390	1 562	1 201	1 427
With own children under 18 years	831	767	730	591	1 030	860	830	1 343	824	643	875
Number of children	1 972	1 877	1 563	1 379	2 219	1 984	2 023	3 214	1 937	1 538	2 188
Husband-wife families	1 345	1 143	1 340	949	1 900	1 483	1 386	2 171	1 392	991	1 338
With own children under 18 years	774	724	658	502	970	809	758	1 246	759	564	843
Number of children	1 859	1 779	1 422	1 190	2 105	1 879	1 850	3 040	1 814	1 389	2 102
Percent of total under 18 years	90.4	91.7	87.6	83.2	91.8	90.8	88.8	91.9	92.3	86.2	93.0
Families with other male head	39	32	59	42	57	43	53	55	35	37	22
With own children under 18 years	11	11	9	10	7	11	7	14	15	9	6
Number of children	23	23	14	19	12	26	12	22	24	18	17
Families with female head	136	79	178	166	172	118	180	164	135	173	67
With own children under 18 years	46	32	63	79	53	40	65	83	50	70	26
Number of children	90	75	127	170	102	79	161	152	99	131	69
Percent of total under 18 years	4.4	3.9	7.8	11.9	4.4	3.8	7.7	4.6	5.0	8.1	3.1
Persons under 18 years	2 057	1 939	1 623	1 431	2 294	2 069	2 083	3 307	1 965	1 611	2 260
MARITAL STATUS											
Male, 14 years old and over	2 012	1 681	2 037	1 498	2 938	2 255	2 154	3 572	2 020	1 592	2 016
Single	536	439	501	426	796	577	617	1 186	518	466	552
Married	1 380	1 182	1 402	994	1 985	1 561	1 438	2 255	1 431	1 044	1 389
Separated	14	10	24	22	21	35	25	13	13	16	21
Widowed	72	41	99	54	127	69	71	33	48	57	45
Divorced	24	19	35	24	30	48	28	33	23	25	30
Female, 14 years old and over	2 298	1 776	2 672	1 779	3 392	2 368	2 494	3 853	2 340	2 072	2 116
Single	578	406	639	424	884	538	605	1 190	553	564	519
Married	1 414	1 189	1 438	1 038	2 020	1 564	1 474	2 256	1 450	1 070	1 388
Separated	35	21	58	61	28	23	45	32	23	32	23
Widowed	261	155	515	242	427	227	360	332	282	360	177
Divorced	45	26	80	75	61	39	55	75	55	78	32

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 SMSA in Essex County, Mass.—Con.					Part in Rockingham County, N.H.					
	Tract 2544	Tract 2621	Tract 2631	Tract 2641	Tract 2651	Tract 0001	Tract 0002	Tract 0003	Tract 0004	Tract 0011	Tract 0021
RACE											
All persons	7 092	4 245	2 254	5 382	5 290	2 209	5 002	5 922	7 009	4 712	1 920
White	7 040	4 231	2 232	5 364	5 265	2 201	4 984	5 903	6 970	4 704	1 905
Negro	27	8	17	4	11	3	1	3	8	—	6
Percent Negro	0.4	0.2	0.8	0.1	0.2	0.1	—	0.1	0.1	—	0.3
AGE BY SEX											
Male, all ages											
Under 5 years	3 573	2 065	1 156	2 615	2 663	1 123	2 521	2 933	3 522	2 366	980
3 and 4 years	355	224	102	275	276	131	324	289	403	240	110
5 to 9 years	169	98	44	126	114	44	133	118	160	105	40
5 years	492	248	156	374	379	117	344	353	393	347	119
6 years	99	45	29	52	79	22	70	63	88	58	24
10 to 14 years	114	42	33	78	77	27	79	61	80	59	34
14 years	499	249	133	318	320	115	291	335	373	277	118
15 to 19 years	96	44	25	64	62	29	50	45	70	45	17
15 years	340	177	112	221	252	73	213	214	276	173	73
16 years	89	59	27	63	60	21	65	48	80	40	24
17 years	84	35	23	53	60	14	54	53	52	44	16
18 years	92	33	33	45	56	18	39	43	65	42	15
19 years	41	26	17	38	46	9	29	31	39	29	10
20 to 24 years	34	24	12	22	30	11	26	39	40	18	8
20 years	128	92	51	97	116	72	106	193	285	117	59
21 years	38	16	17	32	31	13	21	21	35	19	9
25 to 34 years	24	16	4	17	14	12	19	29	29	21	8
35 to 44 years	377	253	153	388	362	173	423	437	562	329	146
45 to 54 years	579	254	143	351	343	142	328	373	477	305	108
55 to 59 years	422	199	133	289	291	111	245	339	381	260	108
60 to 64 years	130	82	46	92	117	65	98	134	136	88	34
65 to 74 years	118	93	41	65	78	48	54	92	98	63	34
75 years and over	84	118	49	86	84	55	72	132	99	108	40
	49	76	37	59	45	21	23	42	39	59	31
Female, all ages											
Under 5 years	3 519	2 180	1 098	2 767	2 627	1 086	2 481	2 989	3 487	2 346	940
3 and 4 years	325	188	97	290	267	108	281	289	380	222	108
5 to 9 years	153	76	52	126	125	44	118	119	138	111	48
5 years	461	255	131	348	290	123	343	331	390	273	101
6 years	102	48	26	68	63	19	77	71	68	46	19
10 to 14 years	77	59	23	63	56	31	63	75	85	60	20
14 years	454	244	105	326	308	94	262	301	350	268	92
15 to 19 years	76	50	17	53	59	16	33	52	68	44	18
15 years	303	168	74	203	204	79	189	235	249	174	61
16 years	83	40	22	47	58	21	53	47	60	45	11
17 years	77	41	18	48	39	18	44	48	48	38	10
18 years	64	41	18	55	46	17	41	62	54	39	13
19 years	46	25	11	24	30	15	32	45	49	32	16
20 to 24 years	33	21	10	29	31	8	19	33	38	20	11
20 years	146	140	69	144	152	89	160	259	352	165	92
21 years	35	25	14	20	31	15	26	42	56	36	12
25 to 34 years	25	21	7	27	27	15	24	57	57	28	18
35 to 44 years	460	266	157	431	406	175	436	426	566	360	133
45 to 54 years	529	262	154	351	319	123	323	362	419	303	100
55 to 59 years	395	210	127	266	318	133	291	341	419	241	95
60 to 64 years	143	102	44	105	97	48	81	126	156	79	29
65 to 74 years	106	103	45	91	74	39	60	115	85	77	34
75 years and over	112	137	56	115	120	46	71	130	124	113	61
	85	105	39	97	72	29	44	74	55	71	34
RELATIONSHIP TO HEAD OF HOUSEHOLD											
All persons	7 092	4 245	2 254	5 382	5 290	2 209	5 002	5 922	7 009	4 712	1 920
In households	7 069	4 229	2 254	5 375	5 235	2 209	4 995	5 903	6 998	4 703	1 912
Head of household	1 798	1 278	652	1 479	1 447	695	1 341	1 777	2 076	1 358	565
Head of family	1 684	1 075	559	1 327	1 288	595	1 223	1 539	1 841	1 216	483
Primary individual	114	203	93	152	159	100	118	238	235	142	82
Wife of head	1 575	957	515	1 193	1 173	556	1 148	1 398	1 720	1 119	445
Other relative of head	3 626	1 941	1 066	2 665	2 585	943	2 453	2 665	3 129	2 194	872
Not related to head	70	53	21	38	30	15	53	63	73	32	30
In group quarters	23	16	—	7	55	—	7	19	11	9	8
Persons per household	3.93	3.31	3.46	3.63	3.62	3.18	3.72	3.32	3.37	3.46	3.38
TYPE OF FAMILY AND NUMBER OF OWN CHILDREN											
All families	1 684	1 075	559	1 327	1 288	595	1 223	1 539	1 841	1 216	483
With own children under 18 years	1 163	623	341	875	840	334	855	908	1 108	743	292
Number of children	2 993	1 561	832	2 194	2 076	765	2 055	2 142	2 568	1 804	699
Husband-wife families	1 575	957	515	1 193	1 173	556	1 148	1 398	1 720	1 119	445
With own children under 18 years	1 114	554	322	820	789	313	812	835	1 046	700	274
Number of children	2 879	1 384	789	2 073	1 969	727	1 973	1 986	2 450	1 705	668
Percent of total under 18 years	93.6	83.5	91.7	92.5	91.2	91.2	92.2	90.3	92.5	90.9	90.6
Families with other male head	24	27	18	25	32	8	26	34	35	26	12
With own children under 18 years	5	9	6	6	10	3	7	11	10	6	3
Number of children	9	21	15	8	25	5	11	31	13	10	3
Families with female head	85	91	26	109	83	31	49	107	86	71	26
With own children under 18 years	44	60	13	49	41	18	36	62	52	37	15
Number of children	105	156	28	113	82	33	71	125	105	89	28
Percent of total under 18 years	3.4	9.4	3.3	5.0	3.8	4.1	3.3	5.7	4.0	4.7	3.8
Persons under 18 years	3 075	1 657	860	2 242	2 159	797	2 141	2 199	2 648	1 875	737
MARITAL STATUS											
Male, 14 years old and over											
Single	2 323	1 388	790	1 712	1 750	789	1 612	2 021	2 423	1 547	650
Married	643	316	220	423	447	166	362	465	542	326	155
Separated	1 626	999	535	1 227	1 230	584	1 202	1 471	1 780	1 146	462
Widowed	13	20	10	13	20	13	13	35	28	11	9
Divorced	41	36	24	43	35	18	27	44	37	48	21
	13	37	11	19	38	21	21	41	64	27	12
Female, 14 years old and over											
Single	2 355	1 543	782	1 856	1 821	777	1 628	2 120	2 435	1 627	657
Married	533	295	160	391	363	120	283	430	425	298	110
Separated	1 631	1 019	539	1 253	1 249	584	1 019	1 462	1 786	1 168	460
Widowed	19	33	10	25	32	13	18	24	28	20	7
Divorced	160	171	71	171	162	49	107	157	162	128	73
	31	58	12	41	47	24	35	71	62	33	14

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	Part in Essex County, Mass.				Part in Rockingham County, N.H.	Haverhill					
	Total SMSA	Total	Haverhill	Lawrence		Balance	Tract 2601	Tract 2602	Tract 2603	Tract 2604	Tract 2605
NATIVITY, PARENTAGE, & COUNTRY OF ORIGIN											
All persons	232 541	205 419	46 144	66 915	92 360	27 122	4 234	3 309	6 773	3 933	3 766
Native of native parentage	152 016	131 057	31 711	36 692	62 654	20 959	2 918	2 429	5 011	2 909	2 421
Native of foreign or mixed parentage	60 536	55 299	10 934	20 526	23 839	5 237	842	743	1 322	829	1 061
Foreign born	19 989	19 063	3 499	9 697	5 867	926	474	137	440	195	284
Foreign stock											
United Kingdom	8 831	8 005	846	2 138	5 021	826	104	71	162	80	1 345
Ireland (Eire)	6 374	6 116	1 187	2 501	2 428	258	161	79	181	79	66
Sweden	414	388	44	62	282	26	-	5	13	-	93
Germany	2 415	2 103	279	712	1 112	312	32	16	41	14	6
Poland	3 931	3 572	732	1 533	1 307	359	44	22	94	58	12
Czechoslovakia	135	129	31	19	79	6	-	-	-	-	79
Austria	384	369	95	132	142	15	-	4	7	6	17
Hungary	235	213	-	108	105	22	-	-	-	-	59
U.S.S.R.	3 245	3 062	1 092	967	1 003	183	14	91	161	51	-
Italy	16 640	15 953	2 613	7 291	6 049	687	101	86	188	226	370
Canada	23 887	21 309	4 662	9 172	7 475	2 578	432	368	600	316	180
Mexico	66	33	-	-	33	33	-	-	-	-	179
Cuba	819	819	15	685	119	-	15	-	-	-	-
Other America	602	571	73	419	79	31	3	-	-	-	-
All other and not reported	12 547	11 720	2 764	4 484	4 472	827	410	138	315	187	284
Persons of Spanish language ¹	3 332	3 162	278	2 327	557	170	165	-	-	14	-
Other persons of Spanish surname ¹	...	...	...	...	...	...	...	...	...	...	...
Persons of Spanish mother tongue	2 816	2 757	222	2 136	399	59	154	-	-	7	-
Persons of Puerto Rican birth or parentage	1 327	1 327	131	1 019	177	-	124	-	-	-	-
SCHOOL ENROLLMENT											
Enrolled persons, 3 to 24 years old	64 022	56 461	12 097	16 258	28 106	7 561	795	691	1 701	1 204	1 069
Nursery school	1 097	979	183	191	605	118	33	5	41	7	36
Public	294	276	45	128	103	18	24	5	10	-	-
Kindergarten	2 610	2 275	408	742	1 125	335	6	29	60	29	76
Public	1 364	1 302	63	621	618	62	-	8	-	-	15
Elementary	37 389	32 362	6 934	9 615	15 813	5 027	474	419	1 077	775	558
Public	28 527	24 068	5 261	6 127	12 680	4 459	436	264	953	551	415
High school	15 860	14 284	3 093	3 933	7 258	1 576	205	176	406	275	266
Public	12 395	10 940	2 818	2 323	5 799	1 455	201	121	374	265	241
College	7 066	6 561	1 479	1 777	3 305	505	77	62	117	118	133
Percent enrolled in school by age:											
16 and 17 years	90.5	91.5	92.5	82.1	96.6	82.3	70.4	99.9	87.2	76.2	99.9
18 and 19 years	61.3	62.1	63.3	45.0	75.0	52.8	42.4	73.0	62.4	79.6	72.4
20 and 21 years	29.5	31.6	27.7	26.7	37.3	11.3	-	15.1	23.5	23.9	75.4
22 to 24 years	10.5	11.7	13.9	10.7	11.5	3.4	15.1	9.6	11.3	18.9	21.9
25 to 34 years	5.5	5.4	4.3	5.1	6.2	6.1	1.4	2.3	0.8	1.7	5.5
Percent 16 to 21 years not high school graduates and not enrolled in school	13.4	13.4	14.0	20.8	8.0	13.8	36.3	11.3	15.8	10.6	3.1
YEARS OF SCHOOL COMPLETED											
Persons, 25 years old and over	130 559	116 683	26 722	38 917	51 044	13 876	2 567	2 048	4 096	2 122	2 306
No school years completed	2 559	2 482	379	1 528	575	77	19	22	33	26	20
Elementary: 1 to 4 years	3 283	3 175	675	1 792	708	108	157	45	66	49	30
5 to 7 years	13 285	12 662	2 940	6 047	3 675	623	556	247	336	169	134
8 years	17 669	16 221	3 995	6 833	5 393	1 448	460	321	491	290	242
High school: 1 to 3 years	23 677	21 043	5 998	6 894	8 151	2 634	727	549	901	397	334
4 years	43 983	38 244	8 739	11 427	18 078	5 739	457	600	1 508	887	885
College: 1 to 3 years	13 855	11 894	2 406	2 587	6 901	1 961	138	167	417	205	363
4 years or more	12 248	10 962	1 590	1 809	7 563	1 286	53	97	344	99	298
Median school years completed	12.1	12.1	11.7	10.4	12.4	12.4	9.4	11.1	12.1	12.1	12.4
Percent high school graduates	53.7	52.4	47.7	40.7	63.8	64.8	25.2	42.2	55.4	56.1	67.0
CHILDREN EVER BORN											
Women, 35 to 44 years old ever married	11 851	10 316	2 120	2 845	5 351	1 535	139	109	316	182	195
Children ever born	38 109	33 483	6 901	9 494	17 088	4 626	549	358	1 014	647	660
Per 1,000 women ever married	3 216	3 246	3 255	3 337	3 193	3 014	3 950	3 284	3 209	3 555	3 385
RESIDENCE IN 1965											
Persons, 5 years old and over, 1970 ²	212 365	188 153	42 327	61 305	84 521	24 212	3 823	3 044	6 257	3 621	3 507
Same house as in 1970	127 876	115 041	27 273	36 289	51 479	12 835	1 748	1 531	4 468	2 712	2 372
Different house:											
In central city of this SMSA	27 654	27 654	8 605	13 514	5 535	-	-	-	-	-	-
In other part of this SMSA	22 264	17 362	1 619	2 328	13 415	4 902	1 078	920	1 059	548	528
Outside this SMSA	20 946	15 626	2 607	2 931	10 088	5 320	174	172	364	64	89
North and West	18 723	13 711	2 323	2 621	8 767	5 012	429	213	301	219	242
South	2 223	1 915	284	310	1 321	308	403	196	280	206	204
Abroad	3 293	3 168	434	2 037	697	125	104	17	21	13	38
MEANS OF TRANSPORTATION AND PLACE OF WORK											
All workers	96 508	85 117	18 336	28 343	38 438	11 391	1 580	1 135	2 757	1 568	1 348
Private auto: Driver	64 292	55 240	11 309	16 117	27 814	9 052	660	599	1 903	1 187	1 033
Passenger	17 733	16 439	4 005	6 267	6 167	1 294	341	200	527	260	179
Bus or streetcar	1 401	1 294	214	597	483	107	17	30	40	11	23
Subway, elevated train, or railroad	523	515	104	103	308	8	-	18	16	-	20
Walked to work	8 693	8 399	2 035	4 015	2 349	294	475	204	137	57	41
Worked at home	1 575	1 242	305	339	598	333	31	49	82	26	25
Other	2 291	1 988	364	905	719	303	56	35	52	27	27
Inside SMSA	67 967	61 501	14 476	21 427	25 598	6 466	1 219	878	2 266	1 139	1 102
Lawrence city, Mass.	26 149	25 015	1 025	15 626	8 364	1 134	113	55	128	138	62
Haverhill city, Mass.	12 204	11 718	9 738	223	1 757	4 696	914	578	1 585	657	819
Methuen town, Mass.	4 696	4 219	152	938	3 129	477	-	20	28	13	12
Remainder of Essex County, Mass.	21 386	19 686	3 344	4 393	11 949	1 700	185	212	485	289	190
Rockingham County, N.H.	3 532	863	217	247	399	2 669	7	13	40	42	19
Outside SMSA	20 100	16 902	2 554	4 043	10 305	3 198	109	147	433	221	213
Place of work not reported	8 441	6 714	1 306	2 873	2 535	1 727	252	110	58	208	33

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	Haverhill—Con.						Lawrence					
	Tract 2606	Tract 2607	Tract 2608	Tract 2609	Tract 2610	Tract 2611	Tract 2501	Tract 2502	Tract 2503	Tract 2504	Tract 2505	Tract 2506
NATIVITY, PARENTAGE, & COUNTRY OF ORIGIN												
All persons	3 288	3 299	4 899	3 196	4 389	5 058	1 000	4 939	2 419	3 397	3 309	4 360
Native of native parentage	2 344	2 064	2 928	1 918	3 141	3 628	410	3 013	1 221	2 035	1 747	2 256
Native of foreign or mixed parentage	789	980	1 332	900	949	1 187	272	1 405	670	686	1 001	1 541
Foreign born	155	255	639	378	299	243	318	521	528	676	561	563
Foreign stock	944	1 235	1 971	1 278	1 248	1 430	590	1 926	1 198	1 362	1 562	2 104
United Kingdom	22	31	66	45	67	132	59	242	35	44	63	63
Ireland (Eire)	246	28	53	14	135	118	38	133	21	105	91	206
Sweden	—	—	—	—	—	20	—	—	—	—	—	227
Germany	—	24	6	26	—	—	—	—	6	—	19	—
Poland	36	36	171	125	46	62	—	17	—	27	29	66
Czechoslovakia	—	—	7	—	—	59	—	38	30	131	149	124
Austria	—	—	8	—	—	—	—	—	—	—	—	—
Hungary	—	—	—	—	6	5	—	—	24	—	5	14
U.S.S.R.	65	33	142	28	64	73	—	—	—	7	—	27
Italy	106	182	611	385	301	247	8	230	5	70	63	115
Canada	282	556	572	403	436	518	221	112	46	118	466	792
Mexico	—	—	—	—	—	—	64	880	872	479	350	220
Cuba	—	—	—	—	—	—	—	—	—	—	—	—
Other America	—	31	—	—	6	33	48	—	25	51	21	23
All other and not reported	187	314	335	252	179	163	96	46	—	26	8	—
Persons of Spanish language ¹	—	39	—	8	13	39	56	204	158	299	289	298
Other persons of Spanish surname ¹	—	—	—	—	—	—	175	52	52	266	112	30
Persons of Spanish mother tongue	—	35	—	8	13	5	—	—	—	—	—	—
Persons of Puerto Rican birth or parentage	—	—	—	—	—	—	175	52	46	258	56	23
	—	—	—	—	—	7	31	6	16	181	40	—
SCHOOL ENROLLMENT												
Enrolled persons, 3 to 34 years old	917	959	1 190	799	1 133	1 639	123	1 240	479	859	1 016	1 009
Nursery school	8	14	11	11	17	—	—	19	—	—	17	8
Public	—	—	—	—	—	—	—	—	—	—	—	—
Kindergarten	12	40	32	19	6	55	—	5	—	—	17	8
Public	—	6	6	3	5	20	—	74	10	61	17	26
Elementary	528	559	703	500	600	741	—	53	5	36	12	21
Public	325	308	592	420	393	564	105	680	343	573	648	486
High school	307	337	390	213	320	298	34	391	211	334	449	297
Public	255	221	376	204	306	254	10	333	102	197	272	305
College	62	109	54	56	146	545	8	186	79	101	169	103
Percent enrolled in school by age:												
16 and 17 years	99.9	88.3	95.7	85.1	99.9	89.8	—	99.3	54.4	57.0	90.5	87.8
18 and 19 years	55.2	38.4	26.6	46.3	62.3	86.3	28.6	43.7	32.0	19.5	58.3	60.0
20 and 21 years	15.2	27.8	21.8	38.7	33.3	45.4	—	21.5	9.7	6.1	27.8	47.2
22 to 24 years	—	20.5	6.3	4.3	22.1	25.9	22.7	11.6	—	3.3	11.9	13.3
25 to 34 years	5.3	10.3	—	—	7.3	13.6	—	3.2	2.9	5.6	7.5	10.0
Percent 16 to 21 years not high school graduates and not enrolled in school	20.0	13.6	16.7	14.2	13.0	3.3	51.2	15.8	54.3	52.7	21.0	13.2
YEARS OF SCHOOL COMPLETED												
Persons, 25 years old and over	1 818	1 810	2 808	1 800	2 566	2 781	760	2 788	1 359	1 772	1 812	2 708
No school years completed	31	28	48	109	29	14	28	80	26	140	121	54
Elementary: 1 to 4 years	27	44	129	65	33	30	83	40	155	106	104	71
5 to 7 years	146	259	522	248	170	153	183	299	446	328	347	291
8 years	245	364	606	300	440	236	149	497	222	265	440	294
High school: 1 to 3 years	534	396	641	376	570	573	149	407	264	311	273	464
4 years	641	593	681	515	911	1 061	151	1 009	186	474	423	486
College: 1 to 3 years	142	83	65	124	295	407	5	289	25	127	61	191
4 years or more	52	43	116	63	118	307	12	167	35	21	41	203
Median school years completed	11.6	10.6	9.5	10.4	12.0	12.4	8.6	12.1	8.2	9.5	8.8	11.9
Percent high school graduates	45.9	39.7	30.7	39.0	51.6	63.8	22.1	52.5	18.1	35.1	29.0	49.6
CHILDREN EVER BORN												
Women, 35 to 44 years old ever married	152	180	237	195	186	229	20	192	117	193	122	168
Children ever born	452	532	760	608	600	721	53	722	461	874	351	485
Per 1,000 women ever married	2 974	2 956	3 207	3 118	3 226	3 148	—	3 760	3 940	4 528	2 877	2 887
RESIDENCE IN 1965												
Persons, 5 years old and over, 1970 ²	3 003	3 013	4 429	2 924	4 003	4 703	984	4 474	2 239	3 006	3 027	4 051
Same house as in 1970	2 167	2 046	2 710	1 911	2 451	3 157	391	2 920	1 162	1 501	1 856	2 495
Different house:												
In central city of this SMSA	553	597	1 121	654	860	687	237	806	324	778	742	1 020
In other part of this SMSA	100	60	166	130	199	101	21	211	41	117	121	175
Outside this SMSA	101	138	159	144	264	397	124	256	91	266	113	234
North and West	101	118	114	144	237	320	101	251	76	266	107	234
South	—	20	45	—	27	77	23	5	15	—	6	—
Abroad	13	13	113	28	20	86	121	13	218	175	31	25
MEANS OF TRANSPORTATION AND PLACE OF WORK												
All workers	1 478	1 299	2 011	1 348	1 934	1 938	464	2 164	1 013	1 345	1 208	1 974
Private auto: Driver	803	810	981	763	1 198	1 372	132	1 382	514	673	636	1 128
Passenger	440	312	556	402	397	391	52	521	151	327	298	537
Bus or streetcar	19	6	13	10	26	19	—	35	32	21	16	27
Subway, elevated train, or railroad	7	8	19	12	4	—	—	7	10	—	7	10
Walked to work	126	106	402	136	220	131	239	141	226	283	217	203
Worked at home	5	31	30	5	15	6	33	7	—	—	7	20
Other	18	26	10	20	74	19	8	71	80	41	27	49
Inside SMSA	1 158	1 041	1 614	1 114	1 442	1 503	370	1 629	678	1 111	865	1 473
Lawrence city, Mass.	70	50	101	114	109	85	307	1 129	570	855	692	1 025
Haverhill city, Mass.	725	770	1 021	688	989	992	—	8	—	21	—	38
Methuen town, Mass.	—	4	32	17	4	22	—	—	—	—	—	83
Remainder of Essex County, Mass.	350	211	429	281	331	371	42	337	94	195	103	296
Rockingham County, N.H.	13	6	21	14	9	33	—	31	7	—	10	31
Outside SMSA	194	225	215	149	337	311	16	288	134	149	175	296
Place of work not reported	66	33	182	85	155	124	78	247	201	85	168	205

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	Lawrence—Con.											
	Tract 2507	Tract 2508	Tract 2509	Tract 2510	Tract 2511	Tract 2512	Tract 2513	Tract 2514	Tract 2515	Tract 2516	Tract 2517	Tract 2518
NATIVITY, PARENTAGE, & COUNTRY OF ORIGIN												
All persons	4 121	6 004	2 294	1 721	1 774	1 146	3 497	4 739	5 420	5 280	4 393	7 102
Native of native parentage	1 908	3 190	768	690	856	660	1 822	2 942	3 366	3 094	2 753	3 961
Native of foreign or mixed parentage	1 472	2 034	626	577	571	345	830	1 309	1 690	1 677	1 158	2 662
Foreign born	741	780	900	454	347	141	845	488	364	509	482	2 662
Foreign stock	2 213	2 814	1 526	1 031	918	486	1 675	1 797	2 054	2 186	1 640	4 799
United Kingdom	82	123	20	50	52	60	71	187	195	181	152	3 141
Ireland (Eire)	177	203	17	—	180	94	44	180	212	342	257	316
Sweden	—	5	—	—	—	—	—	—	14	18	—	180
Germany	60	332	11	—	6	13	6	16	12	39	—	—
Poland	201	189	88	10	6	20	5	35	39	224	11	67
Czechoslovakia	—	7	—	—	—	—	—	—	—	—	129	115
Austria	9	20	—	—	6	—	—	6	6	18	5	7
Hungary	28	—	—	—	18	—	—	28	—	—	6	12
U.S.S.R.	55	42	—	24	18	34	53	162	11	—	—	—
Italy	1 081	1 246	1 004	668	50	60	34	75	186	386	24	53
Canada	66	259	36	56	249	136	1 172	740	916	654	368	378
Mexico	—	—	—	—	—	—	—	—	—	—	—	468
Cuba	135	—	191	122	29	—	—	40	—	—	—	—
Other America	7	40	16	—	25	—	74	61	13	—	—	—
All other and not reported	312	348	143	101	279	69	216	267	450	324	220	7
Persons of Spanish language ¹	170	71	389	195	318	8	137	210	32	101	—	451
Other persons of Spanish surname ¹	—	—	—	—	—	—	—	—	—	—	—	9
Persons of Spanish mother tongue	150	63	357	184	318	8	114	210	19	94	—	9
Persons of Puerto Rican birth or parentage	6	9	130	73	256	8	53	90	26	94	—	—
SCHOOL ENROLLMENT												
Enrolled persons, 3 to 34 years old	799	1 367	373	447	364	79	855	1 248	1 499	1 238	1 246	2 017
Nursery school	16	—	17	10	—	—	12	16	25	19	12	20
Public	10	—	17	10	—	—	6	—	25	19	6	5
Kindergarten	52	79	32	—	—	—	46	85	73	50	56	81
Public	22	79	27	—	—	—	46	68	73	42	56	81
Elementary	446	715	194	247	239	30	624	836	881	762	709	1 097
Public	309	568	93	195	129	21	457	579	587	528	548	397
High school	182	369	121	127	69	25	139	230	359	232	311	550
Public	111	220	121	127	29	12	127	134	228	150	192	224
College	103	204	9	63	56	24	34	81	161	175	158	269
Percent enrolled in school by age:												
16 and 17 years	70.1	98.8	76.9	72.8	81.0	—	69.9	69.7	80.4	80.2	99.9	97.8
18 and 19 years	49.6	55.3	28.6	76.1	45.3	—	28.2	32.8	65.4	37.4	42.0	46.9
20 and 21 years	9.6	31.1	—	43.5	—	—	8.3	17.1	64.0	24.6	33.9	29.6
22 to 24 years	11.3	10.6	9.4	9.8	5.2	8.8	6.0	11.3	3.0	5.8	20.6	26.0
25 to 34 years	3.9	3.6	—	3.2	19.0	14.1	2.3	5.0	4.9	10.8	1.2	2.6
Percent 16 to 21 years not high school graduates and not enrolled in school	23.5	9.4	43.5	19.8	35.4	32.6	35.9	24.4	11.5	26.0	10.6	4.1
YEARS OF SCHOOL COMPLETED												
Persons, 25 years old and over	2 579	3 490	1 486	1 112	1 119	866	2 024	2 520	2 982	3 052	2 448	4 040
No school years completed	121	132	146	133	70	102	85	56	24	125	46	39
Elementary:	154	123	203	129	41	32	124	49	88	121	63	106
1 to 4 years	407	444	356	167	150	114	435	341	584	435	251	469
5 to 7 years	380	556	288	168	289	122	506	355	578	575	401	578
8 years	458	708	172	202	196	128	334	504	561	604	466	669
High school:	727	1 073	202	237	293	172	398	869	894	849	944	1 578
1 to 3 years	189	336	79	36	29	41	58	203	157	216	163	382
4 years	143	110	40	40	51	155	84	143	96	127	114	219
College:	10.5	11.1	8.1	8.8	9.1	10.5	8.7	11.7	10.2	10.3	12.0	12.1
4 years or more	41.1	43.8	21.6	28.1	33.3	42.5	26.7	48.2	38.5	39.1	49.9	53.9
Median school years completed	—	—	—	—	—	—	—	—	—	—	—	—
Percent high school graduates	—	—	—	—	—	—	—	—	—	—	—	—
CHILDREN EVER BORN												
Women, 35 to 44 years old ever married	120	228	85	92	66	8	138	236	229	225	200	406
Children ever born	294	614	200	305	243	32	509	797	810	776	628	1 260
Per 1,000 women ever married	2 450	2 693	2 353	3 315	3 682	—	4 268	3 377	3 537	3 449	3 140	3 103
RESIDENCE IN 1965												
Persons, 5 years old and over, 1970 ²	3 791	5 515	2 083	1 647	1 654	1 053	3 197	4 249	4 867	4 819	4 069	6 580
Same house as in 1970	2 295	3 245	1 149	1 014	1 018	355	1 785	2 126	2 783	2 928	2 501	4 765
Different house:												
In central city of this SMSA	887	1 200	415	303	436	305	617	1 299	936	1 183	1 082	944
In other part of this SMSA	134	404	31	—	31	123	119	108	107	156	129	300
Outside this SMSA	147	273	36	14	11	141	151	189	172	229	157	327
North and West	108	259	36	14	11	127	129	128	136	200	157	281
South	39	14	—	—	—	14	22	61	36	29	—	46
Abroad	114	94	347	240	62	46	265	95	7	85	54	45
MEANS OF TRANSPORTATION AND PLACE OF WORK												
All workers	1 929	2 867	937	723	615	519	1 175	1 821	2 068	2 285	1 948	3 288
Private auto:	1 097	1 869	415	222	314	169	531	1 027	1 303	1 207	1 189	2 309
Passenger	419	674	74	132	69	75	373	397	438	589	470	671
Bus or streetcar	20	59	—	—	23	—	12	93	67	69	67	56
Subway, elevated train, or railroad	5	—	—	—	—	—	—	8	6	23	12	15
Walked to work	296	217	417	327	144	191	196	177	172	286	135	148
Worked at home	58	19	10	—	29	54	—	—	40	16	—	11
Other	34	29	21	42	36	30	63	79	66	76	75	78
Inside SMSA	1 563	2 263	793	562	452	447	909	1 321	1 426	1 586	1 435	2 544
Lawrence city, Mass.	1 190	1 598	713	505	353	371	707	953	968	1 095	1 025	1 570
Haverhill city, Mass.	36	29	8	—	—	—	—	7	14	22	7	33
Methuen town, Mass.	54	109	15	15	27	18	57	69	61	42	30	106
Remainder of Essex County, Mass.	258	502	57	42	61	58	133	275	335	420	369	816
Rockingham County, N.H.	25	25	—	—	11	—	—	12	48	7	4	19
Outside SMSA	207	425	36	—	—	—	—	—	—	—	—	—
Place of work not reported	159	179	108	144	82	25	130	208	343	252	179	80

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

NATIVITY, PARENTAGE, & COUNTRY OF ORIGIN

	Tract 2521	Tract 2522	Tract 2523	Tract 2524	Tract 2525	Tract 2526	Tract 2531	Tract 2532	Tract 2541	Tract 2542	Tract 2543
All persons	5 879	5 005	5 958	4 420	8 003	6 191	6 214	10 033	5 849	4 908	5 835
Native of native parentage	3 740	3 443	3 598	2 636	4 363	3 453	4 035	6 951	3 815	3 429	4 436
Native of foreign or mixed parentage	1 766	1 353	1 824	1 328	2 907	2 185	1 762	2 449	1 570	1 083	1 099
Foreign born	373	209	536	456	733	553	417	633	464	396	300
Foreign stock	2 139	1 562	2 360	1 784	3 640	2 738	2 179	3 082	2 034	1 479	1 399
United Kingdom	362	289	602	337	246	116	614	472	501	470	142
Ireland (Eire)	224	83	154	155	285	59	274	217	206	244	85
Sweden	6	5	6	15	—	—	5	21	24	64	57
Germany	42	48	94	39	224	99	100	88	83	36	42
Poland	59	85	49	92	126	213	97	180	106	55	67
Czechoslovakia	—	—	—	—	—	31	—	13	—	5	11
Austria	—	22	—	15	20	34	9	7	13	—	—
Hungary	—	—	41	—	—	—	—	28	28	—	—
U.S.S.R.	119	37	27	61	89	20	65	140	177	21	118
Italy	252	241	167	141	1 625	1 306	392	735	328	92	168
Canada	725	531	801	562	401	357	445	668	311	280	411
Mexico	—	—	—	—	28	—	—	—	5	—	—
Cuba	14	—	—	31	—	—	20	—	—	47	—
Other America	—	—	6	—	3	—	—	7	—	12	6
All other and not reported	336	221	413	336	593	503	158	506	252	153	292
Persons of Spanish language ¹	36	20	8	174	34	—	—	31	41	47	16
Other persons of Spanish surname ¹	—	—	—	—	—	—	—	—	—	—	—
Persons of Spanish mother tongue	20	20	8	174	15	—	—	22	8	47	16
Persons of Puerto Rican birth or parentage	6	20	—	128	—	—	—	14	—	—	—

SCHOOL ENROLLMENT

Enrolled persons, 3 to 34 years old	1 870	1 609	1 328	1 094	2 125	1 699	1 675	3 605	1 748	1 435	2 066
Nursery school	5	26	6	20	40	7	32	103	59	35	58
Public	—	—	6	—	—	—	—	—	—	—	—
Kindergarten	54	53	46	37	46	25	48	91	87	80	121
Public	6	8	19	12	7	—	6	42	71	73	111
Elementary	1 027	1 021	700	676	1 120	1 019	913	1 620	961	749	1 191
Public	634	712	406	497	679	910	681	1 233	729	646	1 065
High school	569	339	357	317	642	497	455	731	462	352	582
Public	384	225	244	238	357	403	422	641	379	278	417
College	215	170	219	44	277	151	227	1 060	179	219	114
Percent enrolled in school by age:											
16 and 17 years	99.9	90.6	89.3	90.5	97.7	93.3	95.2	97.6	99.0	86.1	99.9
18 and 19 years	72.7	79.9	63.8	33.3	88.2	64.1	55.3	99.9	65.2	59.9	78.9
20 and 21 years	44.8	28.0	27.5	22.0	32.5	34.4	31.3	62.7	37.0	57.0	28.2
22 to 24 years	24.7	3.7	7.9	3.5	19.7	3.0	13.8	16.0	7.1	18.0	8.9
25 to 34 years	4.9	5.7	10.8	1.7	8.9	5.7	8.2	7.2	9.4	9.0	4.2
Percent 16 to 21 years not high school graduates and not enrolled in school	3.6	6.8	13.9	22.0	4.8	14.4	4.7	4.1	2.2	9.4	4.2

YEARS OF SCHOOL COMPLETED

Persons, 25 years old and over	3 292	2 651	3 601	2 446	4 966	3 473	3 504	5 172	3 407	2 836	3 152
No school years completed	55	43	37	37	110	131	35	61	11	—	—
Elementary: 1 to 4 years	71	19	88	96	116	108	40	56	20	35	15
5 to 7 years	245	233	451	342	443	540	219	253	159	164	60
8 years	404	333	591	506	647	508	385	427	169	304	171
High school: 1 to 3 years	602	477	785	516	757	666	580	607	338	323	309
4 years	1 253	1 070	1 118	683	1 895	1 095	1 418	1 756	1 177	979	969
College: 1 to 3 years	367	318	322	174	539	303	433	789	613	455	564
4 years or more	295	158	209	92	459	122	394	1 223	920	576	1 064
Median school years completed	12.2	12.2	11.4	10.4	12.2	11.0	12.3	12.9	12.7	12.6	13.3
Percent high school graduates	58.2	58.3	45.8	38.8	58.3	43.8	64.1	72.9	79.5	70.9	82.4

CHILDREN EVER BORN

Women, 35 to 44 years old ever married	342	311	240	175	451	447	301	504	348	247	455
Children ever born	1 027	1 036	791	542	1 265	1 515	1 049	1 600	1 022	814	1 502
Per 1,000 women ever married	3 003	3 331	3 296	3 097	2 805	3 389	3 485	3 175	2 937	3 296	3 301

RESIDENCE IN 1965

Persons, 5 years old and over, 1970²	5 459	4 570	5 495	3 984	7 471	5 693	5 654	9 203	5 404	4 532	5 407
Same house as in 1970	3 850	2 994	3 594	2 444	5 143	4 252	3 701	4 289	3 080	2 887	3 045
Different house:											
In central city of this SMSA	648	493	352	342	774	525	392	593	318	140	92
In other part of this SMSA	574	753	964	498	912	527	1 063	1 439	1 059	833	718
Outside this SMSA:											
North and West	253	234	220	222	336	158	278	2 114	825	545	1 074
South	225	169	172	155	257	140	267	1 919	738	490	938
Abroad	28	65	48	67	79	18	11	195	87	55	136
Place of work not reported	36	6	25	51	16	12	20	136	31	43	141

MEANS OF TRANSPORTATION AND PLACE OF WORK

All workers	2 514	2 137	2 661	1 888	3 693	2 734	2 644	4 158	2 580	1 978	2 313
Private auto: Driver	1 883	1 652	1 844	1 144	2 571	1 906	1 844	3 148	1 906	1 340	1 715
Passenger	406	380	533	357	760	564	455	465	430	246	238
Bus or streetcar	30	55	39	27	31	65	57	27	—	35	18
Subway, elevated train, or railroad	7	5	14	7	7	19	11	53	27	35	52
Walked to work	91	22	169	268	227	110	206	315	148	251	127
Worked at home	63	—	15	17	29	29	13	80	41	37	102
Other	34	23	47	68	68	41	58	70	28	34	61
Inside SMSA	1 862	1 455	1 946	1 426	2 927	2 088	1 967	2 642	1 579	1 301	1 271
Lowrence city, Mass.	826	625	851	727	1 375	942	669	879	515	261	209
Haverhill city, Mass.	52	56	32	14	54	100	12	27	35	38	24
Methuen town, Mass.	469	379	542	280	644	497	77	67	—	—	34
Remainder of Essex County, Mass.	465	326	504	376	764	505	1 188	1 628	942	1 002	1 004
Rockingham County, N.H.	50	69	17	29	90	44	12	31	20	—	—
Outside SMSA	588	490	506	208	563	478	499	1 256	856	572	947
Place of work not reported	64	192	209	254	203	168	178	260	145	105	95

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 SMSA in Essex County, Mass.—Con.					Part in Rockingham County, N.H.					
	Tract 2544	Tract 2621	Tract 2631	Tract 2641	Tract 2651	Tract 0001	Tract 0002	Tract 0003	Tract 0004	Tract 0011	Tract 0021
NATIVITY, PARENTAGE, & COUNTRY OF ORIGIN											
All persons	7 103	4 028	2 249	5 489	5 196	2 198	5 000	5 993	6 951	4 712	2 288
Native of native parentage	4 976	3 240	1 911	4 462	4 166	1 620	3 873	4 468	5 273	3 833	1 892
Native of foreign or mixed parentage	1 734	712	289	903	875	521	930	1 287	1 443	724	332
Foreign born	393	76	49	124	155	57	197	238	235	155	44
Foreign stock	2 127	788	338	1 027	1 030	578	1 127	1 525	1 678	879	376
United Kingdom	417	105	54	204	90	106	176	176	277	68	23
Ireland (Eire)	160	53	23	105	101	18	80	81	49	24	6
Sweden	24	14	14	—	27	8	—	8	10	—	—
Germany	152	21	16	—	28	72	86	61	46	41	—
Poland	54	22	—	73	29	24	55	86	88	50	6
Czechoslovakia	14	—	—	—	5	—	—	—	—	—	6
Austria	9	8	—	—	7	—	—	15	—	—	—
Hungary	—	—	—	—	8	—	—	8	7	—	—
U.S.S.R.	56	12	12	42	7	7	14	120	29	13	—
Italy	332	32	18	125	95	50	141	160	244	92	—
Canada	516	411	132	421	503	174	446	560	703	444	251
Mexico	—	—	—	—	—	—	—	—	5	28	—
Cuba	—	—	7	—	—	—	—	—	—	—	—
Other America	38	—	—	7	—	—	24	—	7	—	—
All other and not reported	355	110	62	50	132	119	97	251	213	119	28
Persons of Spanish language ¹	67	—	43	32	8	18	—	30	68	54	—
Other persons of Spanish surname ¹	—	—	—	—	—	—	—	—	—	—	—
Persons of Spanish mother tongue	22	—	7	32	8	12	—	7	12	—	—
Persons of Puerto Rican birth or parentage	9	—	—	—	—	—	—	—	—	28	—
SCHOOL ENROLLMENT											
Enrolled persons, 3 to 34 years old	2 606	1 175	683	1 753	1 635	457	1 514	1 602	1 752	1 463	773
Nursery school	75	19	48	6	66	—	8	24	28	32	26
Public	23	—	5	—	10	—	—	6	6	6	—
Kindergarten	141	55	60	100	81	7	69	73	85	51	50
Public	122	55	52	17	17	—	—	38	20	4	—
Elementary	1 528	789	335	1 127	1 037	288	1 058	1 008	1 165	1 015	493
Public	1 281	777	326	1 089	1 015	220	941	733	1 070	1 002	493
High school	680	260	192	441	382	130	287	413	315	279	152
Public	596	241	186	432	356	130	273	328	293	279	152
College	182	52	48	79	69	32	92	84	159	86	52
Percent enrolled in school by age:											
16 and 17 years	97.6	94.5	99.9	94.6	92.1	92.0	83.5	87.4	72.2	81.1	88.7
18 and 19 years	85.5	51.7	93.9	55.4	57.5	62.8	35.8	56.1	38.4	77.8	57.4
20 and 21 years	28.5	39.6	7.9	30.5	6.4	27.7	20.2	5.1	11.6	3.5	7.6
22 to 24 years	14.4	—	11.7	12.1	9.2	—	7.4	—	4.9	—	7.1
25 to 34 years	6.1	2.5	7.0	2.6	3.7	—	4.9	4.2	8.4	7.9	9.1
Percent 16 to 21 years not high school graduates and not enrolled in school	6.0	17.2	4.0	8.3	12.9	18.3	17.1	12.0	14.4	7.9	16.8
YEARS OF SCHOOL COMPLETED											
Persons, 25 years old and over	3 586	2 227	1 198	2 798	2 735	1 166	2 472	3 173	3 537	2 456	1 072
No school years completed	18	9	—	8	20	6	—	26	26	19	—
Elementary: 1 to 4 years	5	3	11	10	15	—	—	29	21	16	16
5 to 7 years	159	168	37	101	101	59	116	104	165	130	49
8 years	230	245	86	198	189	176	190	380	395	197	102
High school: 1 to 3 years	440	632	180	505	434	228	508	558	610	450	280
4 years	1 115	774	454	1 228	1 094	515	1 049	1 308	1 398	1 073	396
College: 1 to 3 years	634	244	195	455	496	115	391	484	550	290	131
4 years or more	985	152	235	293	306	67	192	276	372	281	98
Median school years completed	12.8	12.1	12.6	12.5	12.6	12.2	12.4	12.4	12.4	12.4	12.2
Percent high school graduates	76.2	52.5	73.8	70.6	72.2	59.8	66.0	65.2	65.6	66.9	58.3
CHILDREN EVER BORN											
Women, 35 to 44 years old ever married	542	245	125	352	266	123	322	303	382	309	96
Children ever born	1 778	821	338	1 143	845	425	970	852	1 170	938	271
Per 1,000 women ever married	3 280	3 351	2 704	3 247	3 177	3 455	3 012	2 812	3 063	3 036	2 823
RESIDENCE IN 1965											
Persons, 5 years old and over, 1970 ²	6 418	3 658	1 994	4 931	4 648	1 933	4 392	5 429	6 178	4 250	2 030
Some house as in 1970	3 262	2 094	1 163	3 238	2 443	957	2 282	2 982	3 266	2 274	1 074
Different house:											
In central city of this SMSA	253	240	6	324	43	—	—	—	—	—	—
In other part of this SMSA	948	656	500	701	1 070	—	—	—	—	—	—
Outside this SMSA	1 809	418	248	570	784	325	932	1 205	1 312	802	326
North and West	1 617	402	248	424	606	526	900	983	1 251	1 085	575
South	192	16	—	146	178	514	868	902	1 217	961	550
Abroad	72	5	25	13	65	12	32	81	34	124	25
Means of transportation and place of work											
All workers	2 528	1 534	881	2 180	2 015	917	2 097	2 517	3 138	1 922	800
Private auto: Driver	1 973	1 071	649	1 670	1 498	762	1 724	1 936	2 623	1 433	574
Passenger	301	279	130	307	316	77	238	337	263	273	106
Bus or streetcar	25	10	7	37	20	—	—	—	—	—	—
Subway, elevated train, or railroad	64	—	—	—	7	—	—	—	—	—	—
Walked to work	87	79	76	67	106	—	—	—	—	—	—
Worked at home	28	26	19	58	41	7	31	110	65	58	23
Other	50	69	—	41	27	—	—	—	—	—	—
Inside SMSA	1 536	1 027	454	1 258	859	64	48	50	39	56	46
Lawrence city, Mass.	321	40	6	56	62	468	1 083	1 691	1 477	1 346	401
Haverhill city, Mass.	28	345	151	680	129	92	170	414	366	85	7
Methuen town, Mass.	14	10	13	—	—	7	23	24	25	332	75
Remainder of Essex County, Mass.	1 173	614	296	515	647	61	109	149	123	28	7
Rockingham County, N.H.	—	18	6	7	6	159	198	392	364	374	213
Outside SMSA	898	326	336	749	1 033	6	149	583	712	599	99
Place of work not reported	94	181	91	173	123	275	727	722	888	319	267
						174	287	104	773	257	132

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	Total SMSA	Part in Essex County, Mass.				Part in Rockingham County, N.H.	Haverhill				
		Total	Haverhill	Lawrence	Balance		Tract 2601	Tract 2602	Tract 2603	Tract 2604	Tract 2605
EMPLOYMENT STATUS											
Male, 16 years old and over											
Labor force	75 190	66 645	14 749	22 229	29 667	8 545	1 466	1 037	2 214	1 273	1 205
Percent of total	60 143	52 651	11 303	16 949	24 399	7 492	1 026	701	1 733	998	905
Civilian labor force	80.0	79.0	76.6	76.2	82.2	87.7	70.0	67.6	78.3	78.4	75.1
Employed	59 791	52 330	11 239	16 844	24 247	7 461	1 008	701	1 728	989	900
Unemployed	57 330	50 040	10 739	15 978	23 323	7 290	953	654	1 672	947	862
Percent of civilian labor force	2 461	2 290	500	866	924	171	55	47	56	42	38
	4.1	4.4	4.4	5.1	3.8	2.3	5.5	6.7	3.2	4.2	4.2
Not in labor force	15 047	13 994	3 446	5 280	5 268	1 053	440	336	481	275	300
Inmate of institution	718	718	271	307	140	-	12	35	120	-	64
Enrolled in school	4 009	3 673	734	1 006	1 933	336	47	65	69	93	68
Other under 65 years	3 121	2 899	759	1 256	884	222	156	65	80	64	26
Other 65 years and over	7 199	6 704	1 682	2 711	2 311	495	225	171	212	118	142
Male, 16 to 21 years old											
Not enrolled in school	70 400	9 436	1 935	3 128	4 373	964	196	121	259	185	154
Not high school graduates	3 593	3 163	720	1 285	1 158	420	113	41	115	77	31
Unemployed or not in labor force	1 558	1 402	283	706	413	156	56	7	52	24	3
	436	402	109	202	91	34	14	-	26	5	3
Female, 16 years old and over											
Labor force	87 069	78 148	18 197	26 343	33 608	8 921	1 660	1 452	2 654	1 411	1 483
Percent of total	42 312	37 896	8 208	13 334	16 354	4 416	704	542	1 129	721	530
Civilian labor force	48.6	48.5	45.1	50.6	48.7	49.5	42.4	37.3	42.5	51.1	35.7
Employed	42 289	37 878	8 208	13 321	16 349	4 411	704	542	1 129	721	530
Unemployed	40 533	36 278	7 726	12 841	15 711	4 255	612	514	1 084	700	487
Percent of civilian labor force	1 756	1 600	482	480	638	156	92	28	40	21	43
	4.2	4.2	5.9	3.9	3.5	13.1	5.2	4.0	2.9	8.1	8.1
Not in labor force	44 757	40 252	9 989	13 009	17 254	4 505	956	910	1 525	690	953
Married women, husband present	50 572	44 102	9 526	13 625	20 951	6 470	574	595	1 557	888	831
In labor force	24 227	21 116	4 428	6 843	9 845	3 111	239	234	773	407	326
With own children under 6 years	14 472	12 097	2 472	3 674	5 951	2 375	172	173	409	238	189
In labor force	4 391	3 639	718	1 341	1 580	752	20	57	144	74	25
OCCUPATION											
Total employed, 16 years old and over											
Professional, technical, and kindred workers	97 863	86 318	18 465	28 819	39 034	11 545	1 565	1 168	2 756	1 647	1 349
Health workers	16 183	14 101	2 376	3 462	8 263	2 082	78	134	419	192	253
Teachers, elementary and secondary schools	2 399	2 187	372	573	1 242	212	10	29	88	26	55
Managers and administrators, except farm	2 960	2 645	481	708	1 476	295	5	21	106	50	45
Salaried	7 203	6 217	1 261	1 205	3 751	986	38	73	208	93	236
Self-employed in retail trade	6 318	5 481	1 046	1 036	3 399	837	38	68	168	71	186
	432	385	131	97	157	47	-	-	21	11	31
Sales workers	5 640	4 840	1 100	1 202	2 558	780	55	77	184	72	141
Retail trade	3 348	2 953	647	860	1 446	395	49	41	105	41	63
Clerical and kindred workers	17 006	15 091	2 862	5 176	7 053	1 915	122	185	453	293	210
Craftsmen, foremen, and kindred workers	12 838	10 940	2 752	3 498	4 710	1 878	193	186	523	261	147
Construction craftsmen	3 091	2 661	615	931	1 115	430	85	38	80	68	32
Mechanics and repairmen	2 561	2 131	434	733	964	430	23	29	115	57	33
Operatives, except transport	21 204	19 316	4 028	8 596	5 892	1 888	603	307	512	439	151
Transport equipment operatives	2 777	2 293	442	825	1 026	484	61	27	88	47	74
Laborers, except farm	3 424	3 161	578	1 305	1 278	263	67	36	65	74	47
Farm workers	451	405	48	13	344	46	-	5	10	-	-
Service workers	10 773	9 629	2 156	3 464	4 009	1 144	338	138	290	172	150
Cleaning and food service workers	5 484	4 906	1 084	1 591	2 237	578	182	89	125	81	53
Protective service workers	1 416	1 325	256	505	564	91	7	-	25	47	23
Personal and health service workers	2 872	2 572	658	943	951	300	65	39	119	38	60
Private household workers	364	285	62	73	150	79	10	-	4	-	-
Female employed, 16 years old and over											
Professional, technical, and kindred workers	40 533	36 278	7 726	12 841	15 711	4 255	612	514	1 084	700	487
Teachers, elementary and secondary schools	6 109	5 468	988	1 507	2 973	641	23	42	174	64	90
Managers and administrators, except farm	1 943	1 747	347	459	941	196	5	14	76	35	35
Sales workers	1 195	1 069	211	343	515	126	4	16	28	21	33
Clerical and kindred workers	2 225	1 947	418	559	970	278	37	34	68	46	51
Secretaries, stenographers, and typists	12 611	11 115	2 072	3 710	5 333	1 496	75	136	336	241	155
	3 904	3 450	617	1 154	1 679	454	25	54	93	46	63
Operatives, including transport	11 654	10 641	2 625	4 766	3 250	1 013	327	168	229	241	71
Other blue-collar workers	1 052	965	242	318	405	87	21	33	31	18	15
Farm workers	65	65	14	4	47	-	-	-	5	-	-
Service workers, except private household	5 292	4 723	1 094	1 561	2 068	569	115	85	209	65	72
Private household workers	330	285	62	73	150	45	10	-	4	-	-
INDUSTRY											
Total employed, 16 years old and over											
Construction	97 863	86 318	18 465	28 819	39 034	11 545	1 565	1 168	2 756	1 647	1 349
Manufacturing	4 572	3 800	813	1 234	1 753	772	142	47	108	78	40
Durable goods	38 806	34 366	7 987	12 975	13 404	4 440	779	509	917	729	343
Transportation	21 056	18 113	3 858	5 856	8 399	2 943	202	227	436	434	167
Communications, utilities, and sanitary services	1 943	1 671	297	433	941	272	37	47	70	21	29
Wholesale trade	2 479	2 203	480	725	988	276	11	42	105	32	29
Retail trade	4 595	4 007	843	1 185	1 979	588	21	49	178	81	109
	13 922	11 986	2 765	3 507	5 714	1 936	255	133	427	268	298
Finance, insurance, and real estate	3 575	3 231	533	987	1 711	344	13	68	142	28	71
Business and repair services	2 352	1 991	350	640	1 001	361	68	35	53	20	19
Personal services	2 721	2 350	527	868	955	371	66	10	55	22	67
Health services	5 841	5 353	1 123	1 780	2 450	468	72	90	269	69	98
Educational services	6 491	5 916	1 161	1 278	3 477	573	31	46	192	109	101
Other professional and related services	3 381	3 032	593	995	1 444	349	43	49	100	39	62
Public administration	5 792	5 305	839	1 966	2 500	487	16	33	115	141	70
Other industries	1 393	1 107	154	236	717	286	11	10	25	10	13
CLASS OF WORKER											
Total employed, 16 years old and over											
Private wage and salary workers	97 863	86 318	18 465	28 819	39 034	11 545	1 565	1 168	2 756	1 647	1 349
Government workers	79 527	69 659	14 771	24 003	30 885	9 868	1 382	1 014	2 133	1 277	963
Local government workers	13 616	12 503	2 722	3 855	5 926	1 113	94	118	420	273	200
Self-employed workers	7 284	6 751	1 632	1 909	3 210	533	71	70	272	189	141
Unpaid family workers	4 477	3 937	913	923	2 101	540	83	36	187	92	176
	243	219	59	38	122	24	6	-	16	5	10

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	Haverhill—Con.						Lawrence					
	Tract 2606	Tract 2607	Tract 2608	Tract 2609	Tract 2610	Tract 2611	Tract 2501	Tract 2502	Tract 2503	Tract 2504	Tract 2505	Tract 2506
EMPLOYMENT STATUS												
Male, 16 years old and over	1 049	982	1 603	1 035	1 379	1 506	583	1 643	804	1 024	1 046	1 516
Labor force	807	840	1 198	792	1 116	1 187	406	1 303	573	850	789	1 164
Percent of total	76.9	85.5	74.7	76.5	80.9	78.8	69.6	79.3	71.3	83.0	75.4	76.8
Civilian labor force	801	840	1 195	792	1 102	1 183	400	1 298	568	844	789	1 164
Employed	775	803	1 118	758	1 052	1 145	347	1 236	529	805	789	1 079
Unemployed	26	37	77	34	50	38	53	62	39	39	105	85
Percent of civilian labor force	3.2	4.4	6.4	4.3	4.5	3.2	13.3	4.8	6.9	4.6	13.3	7.3
Not in labor force	242	142	405	243	263	319	177	340	231	174	257	352
Inmate of institution	—	15	—	22	—	3	—	—	—	—	—	—
Enrolled in school	57	35	59	65	62	114	—	92	9	16	67	69
Other under 65 years	49	29	131	59	62	38	74	86	68	64	56	73
Other 65 years and over	136	63	215	97	139	164	103	162	154	94	134	210
Male, 16 to 21 years old	192	100	227	139	155	207	27	264	111	120	153	233
Not enrolled in school	53	24	93	64	48	61	27	114	77	74	44	83
Not high school graduates	24	10	38	21	26	22	11	36	62	63	39	37
Unemployed or not in labor force	20	—	15	7	5	14	—	—	—	12	7	25
Female, 16 years old and over	1 261	1 240	1 877	1 205	1 776	2 178	303	1 885	921	1 248	1 223	1 831
Labor force	667	538	1 003	618	885	871	160	958	448	647	579	923
Percent of total	52.9	43.4	53.4	51.3	49.8	40.0	55.4	50.8	48.6	51.8	47.3	50.4
Civilian labor force	667	538	1 003	618	885	871	160	958	448	647	579	910
Employed	646	515	910	593	838	827	151	938	433	599	531	868
Unemployed	21	23	93	25	47	44	17	20	15	48	48	42
Percent of civilian labor force	3.1	4.3	9.3	4.0	5.3	5.1	10.1	2.1	3.3	7.4	8.3	4.6
Not in labor force	594	702	874	587	891	1 307	135	927	473	601	644	908
Married women, husband present	694	716	984	693	945	1 049	159	1 062	487	639	610	990
In labor force	310	340	501	370	461	467	85	511	217	318	276	523
With own children under 6 years	200	232	253	145	211	250	16	328	139	209	108	224
In labor force	61	74	91	66	51	55	10	97	60	73	48	77
OCCUPATION												
Total employed, 16 years old and over	1 421	1 318	2 028	1 351	1 890	1 972	498	2 174	962	1 404	1 215	1 947
Professional, technical, and kindred workers	111	107	221	134	312	415	11	384	65	125	118	198
Health workers	13	10	10	—	56	75	—	59	11	21	25	40
Teachers, elementary and secondary schools	33	22	64	16	74	45	—	89	—	17	15	34
Managers and administrators, except farm	78	82	86	77	134	156	15	71	11	36	46	90
Salaried	58	47	76	68	125	141	15	61	7	36	39	90
Self-employed in retail trade	13	23	10	9	9	4	—	—	—	—	7	—
Sales workers	73	79	44	72	110	193	21	193	39	26	17	79
Retail trade	56	67	39	22	50	114	21	116	28	19	4	54
Clerical and kindred workers	267	187	257	258	288	342	37	491	155	183	164	424
Craftsman, foremen, and kindred workers	230	197	260	201	330	224	49	232	108	258	150	229
Construction craftsmen	42	51	84	15	63	57	11	66	40	68	41	89
Mechanics and repairmen	42	27	11	23	57	17	—	72	24	52	28	46
Operatives, except transport	381	404	860	420	453	298	173	429	389	551	392	538
Transport equipment operatives	25	34	42	34	47	23	21	65	25	47	53	102
Laborers, except farm	97	29	83	32	25	23	16	71	76	65	87	23
Farm workers	—	4	5	8	—	—	—	—	—	—	—	—
Service workers ¹	142	195	166	111	185	269	151	233	87	113	183	264
Cleaning and food service workers	65	74	108	49	102	141	103	93	36	67	84	125
Protective service workers	22	29	10	33	21	39	11	67	21	14	22	27
Personal and health service workers	46	92	48	22	54	75	10	66	20	24	62	100
Private household workers	17	—	4	4	6	13	4	5	7	—	5	—
Female employed, 16 years old and over	646	515	910	593	838	827	151	938	433	599	531	868
Professional, technical, and kindred workers	62	19	94	44	176	200	5	142	25	53	38	84
Teachers, elementary and secondary schools	33	—	53	16	56	24	—	51	—	17	11	15
Managers and administrators, except farm	18	24	24	5	21	17	10	15	7	25	5	15
Sales workers	43	27	19	14	37	42	15	73	19	19	4	30
Clerical and kindred workers	189	113	170	183	214	260	15	395	98	108	118	282
Secretaries, stenographers, and typists	58	26	45	58	85	64	—	128	15	32	34	67
Operatives, including transport	213	199	495	273	254	155	85	217	237	312	223	316
Other blue-collar workers	21	21	31	23	20	8	—	24	13	49	40	6
Farm workers	—	—	5	4	—	—	—	—	—	—	—	—
Service workers, except private household	83	112	68	43	110	132	17	67	27	33	98	135
Private household workers	17	—	4	4	6	13	4	5	7	—	5	—
INDUSTRY												
Total employed, 16 years old and over	1 421	1 318	2 028	1 351	1 890	1 972	498	2 174	962	1 404	1 215	1 947
Construction	56	48	122	14	101	57	38	106	44	57	44	124
Manufacturing	678	603	1 154	695	884	696	209	804	463	804	615	711
Durable goods	390	297	487	317	456	445	35	483	165	291	242	273
Transportation	19	10	14	13	19	18	11	27	9	23	12	53
Communications, utilities, and sanitary services	65	36	33	32	41	54	6	66	30	34	32	70
Wholesale trade	41	93	80	130	21	40	5	92	51	54	32	99
Retail trade	211	204	215	204	232	318	100	253	125	136	131	209
Finance, insurance, and real estate	34	32	21	26	41	57	23	122	74	23	47	111
Business and repair services	26	15	33	14	33	34	—	113	14	34	24	33
Personal services	45	22	27	40	89	84	37	47	21	38	27	47
Health services	59	102	68	39	110	147	13	127	38	73	112	179
Educational services	70	58	100	37	153	264	—	128	11	23	31	97
Other professional and related services	40	14	77	24	69	76	12	89	33	47	41	38
Public administration	71	62	69	75	94	93	33	189	49	58	67	168
Other industries	6	19	15	8	3	34	11	11	—	—	—	8
CLASS OF WORKER												
Total employed, 16 years old and over	1 421	1 318	2 028	1 351	1 890	1 972	498	2 174	962	1 404	1 215	1 947
Private wage and salary workers	1 162	1 057	1 750	1 141	1 450	1 442	458	1 692	822	1 256	1 042	1 532
Local government workers	220	164	222	176	394	441	40	366	117	116	154	345
Self-employed workers	147	125	121	97	161	238	19	198	54	57	75	156
Unpaid family workers	34	92	51	34	46	82	—	113	23	32	19	70
Unpaid family workers	5	5	5	—	—	7	—	3	—	—	—	—

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	Lawrence—Con.											
	Tract 2507	Tract 2508	Tract 2509	Tract 2510	Tract 2511	Tract 2512	Tract 2513	Tract 2514	Tract 2515	Tract 2516	Tract 2517	Tract 2518
EMPLOYMENT STATUS												
Male, 16 years old and over	1 400	2 026	827	602	552	519	1 114	1 410	1 598	1 765	1 379	2 421
Labor force	1 079	1 612	547	444	369	359	737	1 047	1 238	1 362	1 059	2 011
Percent of total	77.1	79.6	66.1	73.8	66.8	69.2	66.2	74.3	77.5	77.2	76.8	83.1
Civilian labor force	1 079	1 590	547	444	366	338	737	1 027	1 238	1 350	1 059	2 006
Employed	1 039	1 494	523	429	355	329	668	972	1 197	1 299	1 033	1 960
Unemployed	40	96	24	15	11	9	69	55	41	51	26	46
Percent of civilian labor force	3.7	6.0	4.4	3.4	3.0	2.7	9.4	5.4	3.3	3.8	2.5	2.3
Not in labor force	321	414	280	158	183	160	377	363	360	403	320	410
Inmate of institution	—	57	—	—	83	26	—	27	—	—	44	70
Enrolled in school	56	78	41	33	17	—	64	104	51	80	102	127
Other under 65 years	169	57	88	18	12	41	102	100	125	112	60	54
Other 65 years and over	199	222	151	107	71	93	211	132	184	211	114	159
Male, 16 to 21 years old	166	223	101	92	94	41	145	240	229	259	249	381
Not enrolled in school	80	70	61	50	36	28	76	111	80	133	68	73
Not high school graduates	43	33	48	35	29	14	52	63	41	70	30	—
Unemployed or not in labor force	7	5	9	8	19	—	23	35	31	5	5	—
Female, 16 years old and over	1 769	2 483	938	769	808	468	1 336	1 791	2 114	2 049	1 713	2 694
Labor force	971	1 434	428	373	264	190	606	884	979	1 040	948	1 494
Percent of total	54.9	57.8	45.6	48.5	32.7	40.6	45.4	49.4	46.3	50.8	55.3	55.5
Civilian labor force	971	1 434	428	373	264	190	606	884	979	1 040	948	1 494
Employed	938	1 400	423	347	257	190	577	843	950	1 018	938	1 440
Unemployed	33	34	5	26	7	—	29	41	29	22	10	54
Percent of civilian labor force	3.4	2.4	1.2	7.0	2.7	—	4.8	4.6	3.0	2.1	1.1	3.6
Not in labor force	798	1 049	510	396	544	278	730	907	1 135	1 009	765	1 200
Married women, husband present	896	1 450	463	363	278	147	620	920	1 032	1 025	857	1 627
In labor force	422	880	200	182	80	49	311	522	471	519	421	856
With own children under 6 years	251	344	152	73	81	35	209	269	351	261	202	422
In labor force	79	166	54	34	17	6	95	78	121	99	69	158
OCCUPATION												
Total employed, 16 years old and over	1 977	2 894	946	776	612	519	1 245	1 815	2 147	2 317	1 971	3 400
Professional, technical, and kindred workers	256	405	83	35	78	157	52	266	200	279	250	500
Health workers	38	88	9	8	4	6	5	30	9	80	64	76
Teachers, elementary and secondary schools	51	38	12	15	20	74	24	62	26	74	42	115
Managers and administrators, except farm	107	92	55	31	18	9	34	146	67	98	76	203
Salaried	89	80	45	31	18	9	30	130	53	88	54	161
Self-employed in retail trade	—	5	4	—	—	—	4	16	14	5	15	27
Sales workers	64	131	5	11	27	4	37	173	73	72	83	147
Retail trade	53	85	5	11	22	4	33	149	58	35	70	93
Clerical and kindred workers	270	590	45	163	109	82	128	318	382	419	427	789
Craftsmen, foremen, and kindred workers	244	349	106	67	43	34	146	162	336	315	270	400
Construction craftsmen	34	131	41	42	15	18	17	50	90	63	56	59
Mechanics and repairmen	71	55	21	11	5	10	33	35	54	67	57	92
Operatives, except transport	662	765	571	311	203	112	536	421	661	732	418	732
Transport equipment operatives	45	63	21	—	—	17	53	65	76	35	24	113
Laborers, except farm	61	88	31	52	34	23	114	55	117	131	102	159
Farm workers	5	—	—	—	—	4	—	—	—	4	—	—
Service workers	263	405	29	106	94	77	139	199	235	232	313	341
Cleaning and food service workers	144	191	7	67	29	31	87	78	66	125	119	139
Protective service workers	35	46	11	—	11	5	7	36	28	45	38	81
Personal and health service workers	66	133	11	30	44	29	40	56	57	31	98	86
Private household workers	—	6	—	—	6	—	6	10	—	—	8	16
Female employed, 16 years old and over	938	1 400	423	347	257	190	577	843	950	1 018	938	1 440
Professional, technical, and kindred workers	119	189	20	15	15	63	49	118	93	157	119	203
Teachers, elementary and secondary schools	51	27	12	—	9	45	24	35	20	41	31	70
Managers and administrators, except farm	58	10	26	12	7	3	20	53	19	17	15	26
Sales workers	29	53	—	7	11	—	9	94	29	32	64	71
Clerical and kindred workers	214	452	33	89	72	54	101	242	273	313	304	547
Secretaries, stenographers, and typists	64	151	7	27	15	18	40	100	78	119	78	181
Operatives, including transport	389	449	310	176	105	22	302	219	383	395	221	405
Other blue-collar workers	5	23	27	14	—	—	20	5	23	28	15	26
Farm workers	—	—	—	—	—	—	—	—	—	4	—	—
Service workers, except private household	124	218	7	34	41	48	70	102	130	72	192	146
Private household workers	—	6	—	—	6	—	6	10	—	—	8	16
INDUSTRY												
Total employed, 16 years old and over	1 977	2 894	946	776	612	519	1 245	1 815	2 147	2 317	1 971	3 400
Construction	52	152	29	24	17	18	38	57	131	111	91	101
Manufacturing	1 047	1 322	671	416	266	164	687	635	934	1 009	779	1 439
Durable goods	503	586	116	49	98	76	303	366	506	476	432	856
Transportation	18	31	7	12	—	—	12	41	27	45	36	69
Communications, utilities, and sanitary services	49	81	21	20	7	5	19	62	20	72	44	97
Wholesale trade	56	118	27	—	45	16	32	73	121	98	73	193
Retail trade	224	291	36	100	62	40	190	331	298	258	265	458
Finance, insurance, and real estate	43	107	9	48	22	9	25	58	76	62	33	95
Business and repair services	20	49	11	14	25	29	43	38	40	54	32	67
Personal services	100	68	33	21	46	6	40	46	68	82	40	101
Health services	96	263	20	47	39	43	62	96	61	164	199	148
Educational services	97	110	12	39	35	89	50	97	84	78	106	191
Other professional and related services	36	91	42	7	24	60	5	111	106	71	89	93
Public administration	134	190	22	28	24	17	33	155	154	183	177	285
Other industries	5	21	6	—	—	—	9	15	27	30	7	63
CLASS OF WORKER												
Total employed, 16 years old and over	1 977	2 894	946	776	612	519	1 245	1 815	2 147	2 317	1 971	3 400
Private wage and salary workers	1 669	2 397	850	654	548	432	1 157	1 457	1 771	1 912	1 580	2 774
Government workers	239	393	41	94	53	81	75	284	297	350	325	485
Local government workers	124	174	30	83	13	59	29	154	129	177	143	235
Self-employed workers	65	99	55	28	11	6	9	65	79	51	62	136
Unpaid family workers	4	5	—	—	—	—	4	9	—	4	4	5

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 SMSA in Essex County, Mass.										
	Tract 2521	Tract 2522	Tract 2523	Tract 2524	Tract 2525	Tract 2526	Tract 2531	Tract 2532	Tract 2541	Tract 2542	Tract 2543
EMPLOYMENT STATUS											
Male, 16 years old and over	1 860	1 600	1 950	1 402	2 731	2 095	2 036	3 371	1 897	1 511	1 916
Labor force	1 553	1 367	1 571	1 132	2 111	1 713	1 666	2 691	1 631	1 154	1 664
Percent of total	83.5	85.4	80.6	80.7	77.3	81.8	81.8	79.8	86.0	76.4	86.8
Civilian labor force	1 547	1 367	1 560	1 132	2 105	1 713	1 631	2 665	1 625	1 133	1 664
Employed	1 449	1 304	1 502	1 069	2 047	1 593	1 574	2 582	1 582	1 093	1 606
Unemployed	98	63	58	63	58	120	57	83	43	40	58
Percent of civilian labor force	6.3	4.6	3.7	5.6	2.8	7.0	3.5	3.1	2.6	3.5	3.5
Not in labor force	307	233	379	270	620	382	370	680	266	357	252
Inmate of institution	-	-	41	-	42	-	-	14	-	-	25
Enrolled in school	83	90	74	68	152	123	113	377	104	143	129
Other under 65 years	47	35	80	78	138	65	68	80	44	52	29
Other 65 years and over	177	108	184	124	288	194	189	209	118	162	69
Male, 16 to 21 years old	247	252	235	250	322	315	271	683	255	242	286
Not enrolled in school	70	63	74	126	70	100	80	98	54	50	48
Not high school graduates	10	16	34	65	14	59	18	43	5	31	24
Unemployed or not in labor force	6	5	5	16	9	5	-	5	5	5	6
Female, 16 years old and over	2 199	1 681	2 562	1 708	3 218	2 240	2 372	3 632	2 217	1 989	1 961
Labor force	1 179	913	1 233	921	1 743	1 245	1 172	1 684	1 067	905	834
Percent of total	53.6	54.3	48.1	53.9	54.2	55.6	47.5	46.4	48.1	45.5	42.5
Civilian labor force	1 179	913	1 228	921	1 743	1 245	1 127	1 684	1 067	905	834
Employed	1 156	889	1 188	868	1 676	1 195	1 097	1 605	1 026	882	784
Unemployed	23	24	40	53	67	50	30	79	41	23	50
Percent of civilian labor force	2.0	2.6	3.3	5.8	3.8	4.0	2.7	4.7	3.8	2.5	6.0
Not in labor force	1 020	768	1 329	787	1 475	995	1 245	1 948	1 150	1 084	1 127
Married women, husband present	1 355	1 174	1 336	960	1 898	1 498	1 406	2 127	1 452	1 036	1 341
In labor force	686	620	646	507	1 066	833	653	951	661	449	546
With own children under 6 years	363	347	311	270	352	324	411	621	366	293	342
In labor force	115	112	102	102	141	77	168	107	81	79	75
OCCUPATION											
Total employed, 16 years old and over	2 605	2 193	2 690	1 937	3 723	2 788	2 671	4 187	2 608	1 975	2 390
Professional, technical, and kindred workers	427	391	451	230	684	345	521	1 088	697	525	830
Health workers	30	56	46	43	143	41	114	141	117	80	120
Teachers, elementary and secondary schools	68	31	78	56	170	40	102	210	104	115	194
Managers and administrators, except farm	205	159	167	117	301	195	226	415	473	168	368
Salaries	180	138	132	92	273	141	200	396	449	159	357
Self-employed in retail trade	8	16	13	16	15	23	12	9	8	-	4
Sales workers	165	131	127	69	260	132	161	291	201	167	197
Retail trade	123	101	112	50	182	72	102	101	82	59	113
Clerical and kindred workers	577	490	539	343	727	506	573	734	529	406	323
Craftsmen, foremen, and kindred workers	344	265	419	236	356	334	367	530	183	143	180
Construction craftsmen	61	59	86	46	78	90	84	150	60	26	41
Mechanics and repairmen	87	71	97	58	68	59	93	71	14	41	12
Operatives, except transport	414	319	540	520	689	776	319	494	240	179	118
Transport equipment operatives	77	77	59	50	68	62	66	70	28	41	33
Laborers, except farm	75	112	71	113	132	133	115	97	45	53	71
Farm workers	21	15	-	11	9	38	-	90	-	-	45
Service workers ¹	300	234	307	226	493	267	323	365	202	267	210
Cleaning and food service workers	132	88	167	113	262	157	202	219	116	195	90
Protective service workers	45	67	63	9	77	41	53	44	20	29	31
Personal and health service workers	92	-	10	22	4	-	-	13	10	26	15
Private household workers	-	-	-	-	-	-	-	-	-	-	-
Female employed, 16 years old and over	1 156	889	1 188	868	1 676	1 195	1 097	1 605	1 026	882	784
Professional, technical, and kindred workers	152	106	197	119	307	120	212	372	249	188	260
Teachers, elementary and secondary schools	52	10	63	38	123	21	70	136	67	78	95
Managers and administrators, except farm	45	18	28	41	43	39	26	74	77	39	22
Sales workers	98	75	68	14	110	45	56	80	33	46	54
Clerical and kindred workers	419	361	376	234	501	389	392	619	426	341	266
Secretaries, stenographers, and typists	83	78	139	41	170	81	118	270	152	107	102
Operatives, including transport	249	178	288	291	437	455	190	275	136	80	43
Other blue-collar workers	49	38	63	10	58	26	23	5	5	9	6
Farm workers	11	-	-	6	-	-	-	4	-	-	7
Service workers, except private household	133	113	158	131	216	121	198	163	90	153	111
Private household workers	-	-	10	22	4	-	-	13	10	26	15
INDUSTRY											
Total employed, 16 years old and over	2 605	2 193	2 690	1 937	3 723	2 788	2 671	4 187	2 608	1 975	2 390
Construction	115	101	123	79	156	165	125	227	61	58	92
Manufacturing	869	695	942	769	1 222	1 247	942	1 378	910	483	674
Durable goods	526	458	559	351	615	560	698	913	578	276	456
Transportation	35	49	37	34	57	40	59	76	33	29	66
Communications, utilities, and sanitary services	78	68	86	102	68	80	98	22	30	46	46
Wholesale trade	110	184	221	98	210	83	111	239	132	125	97
Retail trade	524	385	416	255	613	418	440	469	385	259	292
Finance, insurance, and real estate	89	74	105	40	177	100	77	218	242	133	108
Business and repair services	98	34	88	30	93	52	44	122	97	37	55
Personal services	75	21	57	84	122	76	54	102	63	74	61
Health services	112	162	156	149	292	130	202	212	148	148	135
Educational services	160	99	148	62	355	86	236	505	270	348	412
Other professional and related services	96	68	88	52	80	73	74	196	145	75	163
Public administration	186	230	251	182	226	182	200	192	94	150	130
Other industries	58	23	9	17	18	68	27	153	6	26	59
CLASS OF WORKER											
Total employed, 16 years old and over	2 605	2 193	2 690	1 937	3 723	2 788	2 671	4 187	2 608	1 975	2 390
Private wage and salary workers	2 026	1 715	2 152	1 544	2 937	2 329	2 138	3 366	2 151	1 554	1 939
Government workers	411	397	447	289	578	323	413	604	327	327	267
Local government workers	152	147	255	148	330	143	200	358	208	191	189
Self-employed workers	168	76	88	89	202	126	120	181	124	94	179
Unpaid family workers	-	5	3	15	6	10	-	36	6	-	5

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 SMSA in Essex County, Mass.—Con.					Part in Rockingham County, N.H.					
	Tract 2544	Tract 2621	Tract 2631	Tract 2641	Tract 2651	Tract 0001	Tract 0002	Tract 0003	Tract 0004	Tract 0011	Tract 0021
EMPLOYMENT STATUS											
Male, 16 years old and over											
Labor force	2 139	1 221	714	1 625	1 599	731	1 491	1 978	2 306	1 443	656
Percent of total	84.2	82.7	79.7	86.5	85.1	635	1 350	1 662	2 060	1 244	541
Civilian labor force	1 800	1 004	569	1 384	1 348	86.9	90.5	86.7	89.3	86.2	82.5
Employed	1 745	954	538	1 344	1 321	635	1 350	1 656	2 039	1 244	537
Unemployed	55	50	11	40	27	620	1 334	1 601	2 014	1 197	524
Percent of civilian labor force	3.1	5.0	1.9	2.9	2.0	15	1.2	3.3	25	4.7	13
Not in labor force	339	211	145	219	238	2.4	1.2	1.2	1.2	3.8	2.4
Inmate of institution	—	—	—	—	—	96	141	256	—	—	—
Enrolled in school	204	48	53	98	74	—	—	—	246	199	115
Other under 65 years	47	31	19	27	74	52	47	69	—	—	—
Other 65 years and over	88	132	73	94	102	12	30	71	73	62	33
Male, 16 to 21 years old											
Not enrolled in school	37	49	26	83	130	95	176	197	246	160	90
Not high school graduates	16	18	4	24	32	43	81	71	134	50	41
Unemployed or not in labor force	11	—	—	6	7	22	26	22	58	14	14
Female, 16 years old and over											
Labor force	2 186	1 438	744	1 744	1 715	739	1 553	2 081	2 316	1 536	696
Percent of total	41.2	46.1	44.4	49.8	43.2	315	847	968	1 156	810	320
Civilian labor force	1 900	1 263	669	1 498	1 461	42.6	54.5	46.5	49.9	52.7	46.0
Employed	1 851	1 214	629	1 458	1 421	311	806	927	1 129	810	320
Unemployed	49	49	40	40	40	4	41	36	27	23	25
Percent of civilian labor force	5.4	7.4	—	4.6	2.7	1.3	4.8	3.7	2.3	2.8	7.8
Not in labor force	1 286	775	414	877	974	424	706	1 113	1 160	726	376
Married women, husband present	1 551	964	485	1 202	1 166	512	1 178	1 436	1 725	1 103	516
In labor force	542	419	212	570	484	214	628	614	865	548	242
With own children under 6 years	560	347	142	445	457	173	514	456	682	343	207
In labor force	109	75	26	105	106	65	173	136	189	119	70
OCCUPATION											
Total employed, 16 years old and over											
Professional, technical, and kindred workers	2 596	1 568	888	2 173	2 042	931	2 140	2 528	3 143	1 984	819
Health workers	763	191	189	473	458	200	322	424	696	335	105
Teachers, elementary and secondary schools	105	23	25	100	58	40	10	45	57	30	10
Managers and administrators, except farm	82	30	21	87	88	20	42	61	70	72	30
Salaried	411	115	89	169	173	97	169	181	290	203	46
Self-employed in retail trade	394	102	62	156	168	84	164	147	224	178	40
—	—	4	17	7	5	5	—	15	11	10	6
Sales workers	169	74	69	177	168	17	128	195	195	10	8
Retail trade	77	36	21	87	128	—	48	101	301	95	44
Clerical and kindred workers	381	212	131	334	248	123	422	451	160	64	22
Craftsmen, foremen, and kindred workers	312	297	124	320	300	130	419	384	508	331	80
Construction craftsmen	76	67	25	69	95	65	103	48	455	327	163
Mechanics and repairmen	87	49	25	46	86	17	127	102	94	71	49
Operatives, except transport	183	422	107	295	277	136	285	416	103	31	50
Transport equipment operatives	58	73	30	144	90	58	81	130	436	367	248
Laborers, except farm	67	60	22	66	46	23	47	50	120	62	33
Farm workers	15	8	52	15	25	—	—	—	74	47	22
Service workers ¹	216	116	75	180	228	127	267	252	16	17	13
Cleaning and food service workers	129	58	53	92	158	63	121	124	247	186	65
Protective service workers	31	20	—	16	28	6	32	27	152	94	22
Personal and health service workers	54	33	17	62	42	17	68	54	67	7	—
Private household workers	21	—	—	—	29	20	—	45	—	51	43
Female employed, 16 years old and over											
Professional, technical, and kindred workers	851	614	330	829	721	311	806	927	1 129	787	295
Teachers, elementary and secondary schools	196	86	55	189	165	56	118	133	191	113	30
Managers and administrators, except farm	37	30	16	59	46	6	30	31	51	58	20
Sales workers	12	23	17	11	—	16	26	18	46	20	—
Clerical and kindred workers	53	29	28	94	87	—	27	81	116	43	11
Secretaries, stenographers, and typists	332	142	114	252	169	82	326	348	407	278	55
Operatives, including transport	135	41	42	69	51	29	89	89	147	96	4
Other blue-collar workers	102	229	37	149	111	85	164	176	244	187	157
Farm workers	19	25	21	22	26	5	16	37	10	15	4
Service workers, except private household	—	—	4	—	15	—	—	—	—	—	—
Private household workers	116	80	54	112	119	62	129	108	115	117	38
—	21	—	—	—	29	5	—	26	—	14	—
INDUSTRY											
Total employed, 16 years old and over											
Construction	2 596	1 568	888	2 173	2 042	931	2 140	2 528	3 143	1 984	819
Manufacturing	102	95	10	113	131	60	198	140	203	112	59
Durable goods	812	665	303	810	683	342	721	911	1 204	859	403
Transportation	527	478	221	578	605	213	490	632	795	571	242
Communications, utilities, and sanitary services	89	65	19	120	121	41	34	62	63	42	30
Wholesale trade	90	48	35	48	52	30	43	105	64	29	5
Retail trade	117	86	25	81	60	44	96	112	223	75	38
—	306	172	133	338	309	134	353	481	556	342	70
Finance, insurance, and real estate	114	77	22	87	48	—	109	81	88	61	5
Business and repair services	96	28	8	51	68	35	82	74	104	26	40
Personal services	79	21	10	4	52	35	62	119	88	46	21
Health services	153	66	53	187	145	75	70	82	114	115	32
Educational services	269	81	115	148	183	47	98	97	160	127	46
Other professional and related services	134	51	35	60	54	15	67	99	78	66	24
Public administration	190	88	43	72	84	57	126	104	117	67	16
Other industries	45	25	77	54	52	16	81	61	81	17	30
CLASS OF WORKER											
Total employed, 16 years old and over											
Private wage and salary workers	2 596	1 568	888	2 173	2 042	931	2 140	2 528	3 143	1 984	819
Government workers	1 940	1 238	594	1 674	1 588	759	1 803	2 212	2 774	1 634	686
Local government workers	465	213	184	362	319	120	242	221	226	213	91
Self-employed workers	245	123	103	241	177	40	139	82	96	122	54
Unpaid family workers	184	117	100	131	122	52	95	95	124	132	42
—	7	—	10	6	13	—	—	—	19	5	—

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	Part in Essex County, Mass.				Part in Rockingham County, N.H.	Haverhill					
	Total SMSA	Total	Haverhill	Lawrence		Balance	Tract 2601	Tract 2602	Tract 2603	Tract 2604	Tract 2605
INCOME IN 1969 OF FAMILIES AND UNRELATED INDIVIDUALS											
All families	58 906	51 875	31 611	16 892	23 372	7 031	955	786	1 705	1 009	915
Less than \$1,000	875	811	182	324	305	64	35	-	10	-	-
\$1,000 to \$1,999	1 033	961	219	474	268	72	33	39	9	8	10
\$2,000 to \$2,999	1 899	1 767	443	746	578	132	86	45	25	35	40
\$3,000 to \$3,999	1 844	1 643	495	676	472	201	76	69	35	26	25
\$4,000 to \$4,999	2 252	2 071	608	837	626	181	109	86	68	34	48
\$5,000 to \$5,999	2 784	2 529	643	965	921	255	94	79	76	31	26
\$6,000 to \$6,999	3 283	2 985	769	1 215	1 001	298	107	33	126	69	38
\$7,000 to \$7,999	3 701	3 228	807	1 266	1 205	423	109	48	120	61	50
\$8,000 to \$8,999	4 291	3 718	877	1 316	1 525	573	56	53	116	56	52
\$9,000 to \$9,999	4 303	3 740	1 008	1 236	1 496	563	93	94	136	100	75
\$10,000 to \$10,999	9 106	7 846	1 872	2 573	3 401	1 240	70	89	298	201	132
\$12,000 to \$14,999	10 099	8 655	1 617	2 461	4 577	1 444	65	72	290	148	80
\$15,000 to \$24,999	11 014	9 634	1 589	2 480	5 585	1 369	36	61	266	171	218
\$25,000 to \$49,999	2 025	1 855	342	276	1 237	170	6	9	64	47	100
\$50,000 or more	397	362	140	47	175	35	-	9	66	21	21
Median income	\$10 700	\$10 621	\$9 756	\$9 507	\$11 934	\$11 196	\$6 511	\$7 875	\$10 883	\$10 622	\$11 417
Mean income	\$12 125	\$12 155	\$12 033	\$10 917	\$13 110	\$11 910	\$7 093	\$9 547	\$16 792	\$11 774	\$14 437
Families and unrelated individuals	77 267	69 039	16 122	23 889	29 028	8 228	2 819	1 367	2 348	1 140	1 116
Median income	\$8 966	\$8 746	\$7 631	\$7 367	\$10 560	\$10 436	\$4 052	\$5 459	\$9 440	\$9 971	\$10 176
Mean income	\$10 165	\$10 082	\$9 546	\$8 824	\$11 414	\$10 865	\$4 930	\$7 237	\$14 065	\$10 795	\$12 529
Unrelated individuals	18 361	17 164	4 511	6 997	5 656	1 197	1 064	581	443	131	201
Median income	\$2 718	\$2 640	\$2 261	\$2 704	\$2 942	\$4 230	\$2 440	\$3 518	\$2 336	\$2 468	\$2 547
Mean income	\$3 877	\$3 818	\$3 146	\$3 773	\$4 410	\$4 726	\$2 988	\$4 111	\$3 570	\$3 248	\$3 839
TYPE OF INCOME IN 1969 OF FAMILIES											
All families	58 906	51 875	31 611	16 892	23 372	7 031	955	786	1 705	1 009	915
With wage or salary income	53 191	46 654	28 258	14 927	21 471	6 532	888	634	1 530	931	791
Mean wage or salary income	\$10 921	\$10 862	\$10 117	\$9 776	\$12 008	\$11 340	\$6 592	\$9 850	\$11 470	\$10 555	\$11 952
With nonfarm self-employment income	5 310	4 647	1 117	1 145	2 385	663	63	24	257	156	186
Mean nonfarm self-employment income	\$8 084	\$7 899	\$7 584	\$6 119	\$8 902	\$9 378	\$4 955	...	\$7 941	\$5 985	\$12 632
With farm self-employment income	32	290	37	34	32	32	-	-	11	-	-
Mean farm self-employment income	\$3 135	\$3 078	-\$234	\$2 165	\$3 779	\$3 650	...	...	...	...	...
With Social Security income	13 166	12 227	3 015	4 423	4 789	4 789	255	245	431	208	245
Mean Social Security income	\$1 539	\$1 535	\$1 615	\$1 475	\$1 540	\$1 600	\$1 357	\$1 904	\$1 832	\$1 654	\$1 639
With public assistance or public welfare income	2 914	2 817	255	1 303	759	97	213	29	79	20	26
Mean public assistance or public welfare income	\$1 502	\$1 517	\$1 565	\$1 674	\$1 200	\$1 060	\$1 689	\$1 606	\$1 201	...	\$1 550
With other income	22 305	20 925	4 610	6 206	6 206	10 109	1 460	331	726	464	510
Mean other income	\$2 894	\$3 016	\$4 653	\$3 777	\$1 802	\$1 141	\$1 616	\$1 732	\$11 239	\$1 438	\$1 620
RATIO OF FAMILY INCOME TO POVERTY LEVEL¹											
Percent of families with incomes:											
Less than .50 of poverty level	2.1	2.2	2.3	2.7	1.8	1.4	5.0	2.5	0.6	0.4	0.5
.50 to .74	1.3	1.4	1.4	2.4	0.8	0.6	3.0	1.8	0.9	-	0.5
.75 to .99	2.3	2.5	2.8	3.7	1.5	1.2	6.1	3.5	1.3	2.1	1.7
1.00 to 1.24	3.2	3.3	3.9	4.2	2.4	2.3	11.0	3.0	1.2	3.2	3.7
1.25 to 1.49	3.6	3.6	4.7	4.1	2.7	3.5	7.3	3.5	2.4	4.9	4.8
1.50 to 1.99	9.7	9.9	11.5	11.2	8.2	8.4	15.1	16.4	9.7	11.8	8.3
2.00 to 2.99	24.6	24.1	26.7	24.9	22.2	28.9	28.0	26.7	28.7	27.4	22.2
3.00 or more	53.1	53.0	46.7	46.9	60.4	54.1	22.9	33.6	55.2	50.3	58.1
INCOME BELOW POVERTY LEVEL¹											
Families	3 404	3 178	751	1 473	954	226	142	77	47	25	26
Percent of all families	5.8	6.1	6.5	8.7	4.1	3.2	14.9	9.8	2.8	2.5	2.8
Mean family income	\$1 838	\$1 870	\$1 932	\$1 971	\$1 666	\$1 605	\$2 143	\$2 621	\$1 917	\$2 380	\$1 788
Mean income deficit	\$1 382	\$1 373	\$1 408	\$1 272	\$1 502	\$1 503	\$1 339	\$1 674	\$1 098	\$878	\$576
Percent receiving public assistance income	21.5	22.2	25.6	27.2	11.9	10.6	42.3	45.5	12.8	12.0	42.3
Mean size of family	3.39	3.40	3.52	3.40	3.31	3.28	3.63	4.10	2.96	3.32	2.19
With related children under 18 years	2 043	1 896	456	903	537	147	119	61	44	12	5
Mean number of related children under 18 years	2.72	2.76	2.81	2.80	2.65	2.19	2.46	2.92	...	...	...
With related children under 6 years	1 187	1 096	266	563	267	91	102	42	11	9	...
Mean number of related children under 6 years	1.60	1.62	1.72	1.67	1.42	1.29	1.60	2.31	...	...	...
Families with female head	1 321	1 239	286	656	297	87	75	39	9	3	16
With related children under 18 years	1 111	1 043	229	572	242	69	70	39	9	3	5
Mean number of related children under 18 years	2.55	2.56	2.45	2.77	2.15	2.50	2.23	2.31	...	...	...
With related children under 6 years	570	528	126	303	99	42	57	10	6	...	...
Percent in labor force	25.6	24.2	19.8	24.4	29.3	42.9	29.8	...	...	...	...
Mean number of related children under 6 years	1.53	1.54	1.29	1.66	1.49	1.40	1.23	...	...	...	...
Family heads	3 404	3 178	751	1 473	954	226	142	77	47	25	26
Percent 65 years and over	29.5	30.2	29.3	30.4	30.6	19.9	4.2	23.4	59.6	52.0	57.7
Civilian male heads under 65 years	1 273	1 161	300	462	399	112	61	34	16	9	...
Percent in labor force	72.0	70.9	69.3	61.9	82.5	83.9	77.8	55.9	...	...	...
Unrelated individuals	6 028	5 690	1 568	2 549	1 573	338	388	167	158	51	83
Percent of all unrelated individuals	35.0	35.5	37.9	36.4	32.1	28.2	36.5	28.7	35.7	38.9	41.3
Mean income	\$943	\$943	\$952	\$957	\$910	\$948	\$1 609	\$1 080	\$1 073	\$1 035	\$966
Mean income deficit	\$851	\$851	\$832	\$847	\$875	\$868	\$795	\$786	\$707	\$756	\$801
Percent receiving public assistance income	10.7	11.0	11.5	13.3	6.7	5.4	18.8	15.6	2.5	31.4	6.0
Percent 65 years and over	65.9	66.7	69.9	63.0	69.6	51.8	62.6	77.8	63.9	52.9	81.9
Persons	17 573	16 493	4 214	7 550	4 729	1 080	904	483	297	134	140
Percent of all persons	7.7	8.2	9.4	11.4	5.2	4.0	21.4	15.4	4.6	3.4	3.9
Percent receiving Social Security income	30.2	30.7	30.0	30.9	30.4	22.1	30.4	30.6	40.4	32.8	66.4
Percent 65 years and over	33.2	33.9	35.6	32.2	35.0	22.4	29.2	34.4	47.5	41.0	65.0
Percent receiving Social Security income	79.2	79.1	77.6	79.1	80.5	81.0	88.3	80.8	85.1	72.7	84.6
Related children under 18 years	5 557	5 234	1 312	2 507	1 415	323	325	116	30	38	9
Percent living with both parents	42.4	42.2	53.9	29.4	54.0	45.2	43.1	58.1	86.7	92.1	...
Households	7 045	6 708	1 736	3 086	1 886	337	451	209	129	65	65
Percent of all households	11.2	12.0	13.7	16.2	7.8	5.8	27.7	18.2	7.3	6.5	7.1
Owner occupied	1 671	1 460	406	201	853	211	27	22	65	46	38
Mean value of unit	\$16 500	\$16 500	\$13 000	\$14 500	\$18 600	\$16 600	\$7 000	\$7 000	\$16 400	\$12 200	\$15 700
Renter occupied	5 374	5 248	1 330	2 885	1 033	126	424	187	64	19	27
Mean gross rent	\$83	\$82	\$83	\$77	\$96	\$102	\$76	\$84	\$77	...	\$83
Percent lacking some or all plumbing facilities	9.4	9.4	9.4	11.8	5.6	8.0	18.0	10.5	3.1	13.0	15.4

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	Haverhill—Con.						Lawrence					
	Tract 2606	Tract 2607	Tract 2608	Tract 2609	Tract 2610	Tract 2611	Tract 2501	Tract 2502	Tract 2503	Tract 2504	Tract 2505	Tract 2506
INCOME IN 1969 OF FAMILIES AND UNRELATED INDIVIDUALS												
All families	893	814	1 309	862	1 119	1 244	168	1 249	594	859	824	1 232
Less than \$1,000	5	5	73	26	18	10	—	22	21	19	9	5
\$1,000 to \$1,999	23	11	22	41	16	7	14	20	12	66	27	37
\$2,000 to \$2,999	23	27	82	20	39	21	10	36	19	17	55	67
\$3,000 to \$3,999	33	41	75	40	17	58	5	18	51	45	56	45
\$4,000 to \$4,999	51	24	55	39	53	41	16	28	33	53	45	61
\$5,000 to \$5,999	59	59	122	39	27	31	25	61	93	60	46	69
\$6,000 to \$6,999	86	46	112	40	69	63	16	85	53	60	106	78
\$7,000 to \$7,999	58	54	105	45	96	66	18	79	48	48	70	98
\$8,000 to \$8,999	86	106	72	53	114	86	19	114	37	48	59	91
\$9,000 to \$9,999	53	79	93	84	96	105	15	72	65	101	68	64
\$10,000 to \$11,999	178	138	203	148	203	212	11	208	62	106	115	185
\$12,000 to \$14,999	152	132	136	171	193	178	11	222	69	100	101	167
\$15,000 to \$24,999	82	75	144	103	131	302	8	229	31	123	57	245
\$25,000 to \$49,999	4	14	—	13	26	59	—	50	—	13	6	20
\$50,000 or more	—	3	15	—	21	5	—	5	—	—	4	—
Median income	\$9 425	\$9 430	\$8 118	\$10 054	\$10 143	\$11 264	\$6 875	\$10 861	\$7 313	\$9 134	\$7 971	\$10 011
Mean income	\$9 434	\$10 155	\$8 939	\$9 852	\$16 943	\$12 761	\$7 272	\$11 547	\$7 789	\$9 380	\$8 871	\$10 669
Families and unrelated individuals	1 109	978	1 764	1 039	1 560	1 882	654	1 610	949	1 135	1 096	1 568
Median income	\$8 183	\$8 651	\$6 420	\$9 179	\$8 285	\$8 440	\$3 933	\$9 318	\$5 450	\$6 943	\$6 630	\$8 500
Mean income	\$8 360	\$9 003	\$7 422	\$8 804	\$12 931	\$9 073	\$4 457	\$10 021	\$6 161	\$7 924	\$7 363	\$9 487
Unrelated individuals	216	164	455	177	441	638	486	361	355	276	272	336
Median income	\$3 422	\$1 918	\$2 616	\$2 893	\$1 718	\$903	\$2 945	\$4 367	\$2 269	\$2 939	\$1 844	\$3 882
Mean income	\$3 918	\$3 286	\$3 056	\$3 696	\$2 752	\$1 882	\$3 484	\$4 740	\$3 438	\$3 391	\$2 795	\$5 152
TYPE OF INCOME IN 1969 OF FAMILIES												
All families	893	814	1 309	862	1 119	1 244	168	1 249	594	859	824	1 232
With wage or salary income	792	743	1 085	789	1 042	1 113	159	1 128	500	775	722	1 075
Mean wage or salary income	\$9 218	\$9 644	\$8 820	\$9 577	\$9 894	\$12 088	\$6 436	\$10 813	\$7 930	\$9 054	\$8 473	\$10 411
With nonfarm self-employment income	85	85	50	42	64	106	5	142	25	50	38	109
Mean nonfarm self-employment income	\$2 994	\$4 088	\$15 466	\$4 229	\$6 823	\$6 754	—	\$6 933	\$2 736	\$4 656	\$11 055	\$5 706
With farm self-employment income	—	4	—	—	5	10	—	—	—	—	—	—
Mean farm self-employment income	—	—	—	—	—	—	—	—	—	—	—	—
With Social Security income	232	208	353	211	311	316	61	278	172	166	271	380
Mean Social Security income	\$1 596	\$1 547	\$1 465	\$1 353	\$1 535	\$1 734	\$1 417	\$1 550	\$1 408	\$1 275	\$1 537	\$1 395
With public assistance or public welfare income	51	8	147	69	40	23	28	96	35	115	55	72
Mean public assistance or public welfare income	\$1 530	—	\$1 979	\$1 272	\$1 468	—	\$1 195	\$1 386	\$2 120	\$1 702	\$1 539	\$1 405
With other income	280	220	473	298	423	611	40	457	184	247	270	477
Mean other income	\$1 504	\$1 901	\$1 164	\$1 293	\$18 162	\$1 848	\$1 931	\$1 482	\$1 503	\$1 620	\$1 004	\$1 466
RATIO OF FAMILY INCOME TO POVERTY LEVEL¹												
Percent of families with incomes:												
Less than .50 of poverty level	1.1	1.2	6.0	5.2	2.1	1.4	3.0	1.8	3.5	4.1	2.3	1.1
.50 to .74	1.5	0.6	2.0	2.9	1.4	0.5	3.0	1.2	1.3	4.5	2.3	2.8
.75 to .99	1.1	2.7	6.3	1.5	0.9	1.8	4.8	2.4	5.9	5.8	7.0	3.2
1.00 to 1.24	3.6	5.8	5.2	4.1	2.9	—	6.0	2.6	4.7	2.8	3.0	5.0
1.25 to 1.49	6.7	4.8	6.1	3.5	2.1	3.1	6.0	4.2	9.1	6.9	8.3	3.6
1.50 to 1.99	13.5	12.3	11.8	10.4	11.6	8.8	10.1	9.4	17.7	16.4	14.0	8.7
2.00 to 2.99	30.5	29.9	25.6	25.2	27.6	22.4	39.9	22.7	28.3	20.1	29.6	23.0
3.00 or more	42.0	42.8	37.1	47.2	51.3	62.0	27.4	55.9	29.5	39.3	33.5	52.7
INCOME BELOW POVERTY LEVEL¹												
Families	33	37	187	83	49	45	18	67	64	124	96	87
Percent of all families	3.7	4.5	14.3	9.6	4.4	3.6	10.7	5.4	10.8	14.4	11.7	7.1
Mean family income	\$1 494	\$1 993	\$1 857	\$1 470	\$1 424	\$1 928	—	\$1 923	\$2 219	\$2 037	\$2 170	\$2 375
Mean income deficit	\$1 100	\$1 013	\$1 674	\$1 946	\$1 730	\$1 390	—	\$1 288	\$1 449	\$1 225	\$888	\$945
Percent receiving public assistance income	15.2	—	23.5	22.9	8.2	11.1	—	37.3	17.2	31.5	26.0	4.6
Mean size of family	2.45	2.95	3.93	3.61	3.18	3.42	—	3.52	4.23	3.37	3.13	3.48
With related children under 18 years	10	25	133	37	22	18	9	43	37	80	58	39
Mean number of related children under 18 years	—	1.60	3.02	3.95	—	—	—	2.72	4.03	2.78	2.50	3.64
With related children under 6 years	—	10	57	26	8	11	9	27	32	68	38	39
Mean number of related children under 6 years	—	—	2.04	1.69	—	—	—	1.63	1.88	1.46	1.39	1.33
Families with female head	20	5	81	30	8	—	—	36	6	73	49	18
With related children under 18 years	10	5	65	22	8	—	—	21	6	65	43	13
Mean number of related children under 18 years	—	—	2.34	—	—	—	—	—	—	2.88	2.35	—
With related children under 6 years	—	5	30	15	3	—	—	10	6	53	28	13
Percent in labor force	—	—	16.7	—	—	—	—	—	—	15.1	21.4	—
Mean number of related children under 6 years	—	—	1.47	—	—	—	—	—	—	1.40	1.32	—
Family heads	33	37	187	83	49	45	18	67	64	124	96	87
Percent 65 years and over	69.7	16.2	17.1	50.6	30.6	48.9	—	37.3	25.0	33.1	33.3	50.6
Civilian male heads under 65 years	—	26	86	19	26	23	14	27	42	24	21	30
Percent in labor force	—	100.0	58.1	—	76.9	—	—	37.0	45.2	—	—	86.7
Unrelated individuals	51	68	187	51	242	122	163	101	163	87	139	90
Percent of all unrelated individuals	23.6	41.5	41.1	28.8	54.9	46.0	33.5	28.0	45.9	31.5	51.1	26.8
Mean income	\$770	\$1 177	\$928	\$795	\$871	\$716	\$1 307	\$1 169	\$1 065	\$1 034	\$968	\$811
Mean income deficit	\$1 017	\$580	\$850	\$865	\$915	\$1 086	\$593	\$597	\$743	\$761	\$818	\$950
Percent receiving public assistance income	7.8	—	14.4	11.8	4.1	8.2	42.3	26.7	23.3	—	12.9	5.6
Percent 65 years and over	70.6	92.6	68.4	84.3	77.3	57.4	37.4	85.1	61.3	75.9	73.4	93.3
Persons	132	177	922	351	398	276	216	337	434	505	439	393
Percent of all persons	4.0	5.5	18.8	11.1	9.1	5.9	22.0	6.8	18.1	14.7	13.3	9.1
Percent receiving Social Security income	47.0	39.5	16.6	23.1	43.2	29.3	36.6	31.2	36.9	27.7	46.9	37.4
Percent 65 years and over	69.7	42.4	18.3	31.9	55.3	42.0	30.1	35.6	30.4	26.3	38.5	40.2
Percent receiving public assistance income	67.4	93.3	71.6	65.2	70.0	69.8	92.3	87.5	87.9	91.7	93.5	70.9
Related children under 18 years	15	39	409	138	73	50	15	118	144	217	163	155
Percent living with both parents	—	64.1	57.9	32.6	63.0	90.0	—	77.1	34.0	6.5	19.0	69.0
Households	67	84	255	102	211	98	167	129	178	179	199	124
Percent of all households	7.5	10.9	20.4	13.0	17.0	7.5	27.3	10.5	23.4	21.0	23.0	11.6
Owner occupied	21	37	24	20	51	55	—	25	9	4	4	6
Mean value of unit	—	\$11 300	—	—	\$11 400	\$13 600	—	\$9 600	—	—	—	—
Renter occupied	46	47	231	82	160	43	167	104	169	175	195	118
Mean gross rent	\$87	\$73	\$91	\$94	\$93	\$85	\$53	\$87	\$89	\$89	\$94	\$77
Percent lacking some or all plumbing facilities	6.0	6.0	5.5	4.9	4.3	—	77.8	7.8	14.6	5.6	16.1	14.5

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	Lawrence—Con.											
	Tract 2507	Tract 2508	Tract 2509	Tract 2510	Tract 2511	Tract 2512	Tract 2513	Tract 2514	Tract 2515	Tract 2516	Tract 2517	Tract 2518
INCOME IN 1969 OF FAMILIES AND UNRELATED INDIVIDUALS												
All families	1 178	1 600	571	435	389	191	817	1 167	1 318	1 320	1 131	1 849
Less than \$1,000	18	13	10	31	—	—	31	40	42	14	43	6
\$1,000 to \$1,999	47	17	31	22	—	—	42	18	72	22	15	12
\$2,000 to \$2,999	55	33	50	65	44	5	74	52	25	72	41	26
\$3,000 to \$3,999	58	31	38	9	25	4	48	50	63	54	37	39
\$4,000 to \$4,999	67	58	56	26	26	10	78	59	36	59	59	67
\$5,000 to \$5,999	71	49	43	22	56	14	56	43	73	71	59	51
\$6,000 to \$6,999	74	71	24	39	46	23	54	71	104	89	62	116
\$7,000 to \$7,999	94	66	67	29	43	20	73	120	109	85	104	119
\$8,000 to \$8,999	105	132	63	30	21	14	31	136	107	93	80	144
\$9,000 to \$9,999	82	136	26	18	31	16	55	75	109	97	71	135
\$10,000 to \$11,999	149	352	49	49	21	40	109	149	283	236	137	312
\$12,000 to \$14,999	165	330	66	51	46	8	67	172	142	230	173	341
\$15,000 to \$24,999	178	282	43	44	30	37	96	152	126	172	194	433
\$25,000 to \$49,999	13	30	5	—	—	—	3	30	27	26	9	44
\$50,000 or more	—	—	—	—	—	—	—	—	—	—	34	4
Median income	\$8 981	\$11 102	\$7 500	\$7 121	\$6 946	\$9 344	\$7 349	\$8 960	\$9 257	\$10 034	\$9 739	\$11 343
Mean income	\$9 723	\$11 447	\$7 954	\$7 456	\$7 715	\$10 420	\$8 188	\$9 954	\$9 395	\$10 317	\$23 582	\$11 950
Families and unrelated individuals	1 606	2 107	942	703	644	650	1 389	1 482	1 876	1 894	1 432	2 152
Median income	\$7 469	\$9 842	\$4 777	\$4 688	\$5 082	\$5 362	\$4 543	\$8 014	\$7 157	\$7 714	\$7 990	\$10 567
Mean income	\$8 121	\$9 618	\$5 886	\$5 683	\$5 940	\$6 524	\$6 055	\$8 766	\$7 717	\$8 254	\$19 630	\$10 889
Unrelated individuals	428	507	371	268	255	459	572	315	558	574	301	303
Median income	\$3 290	\$2 750	\$1 935	\$2 317	\$2 676	\$4 010	\$1 941	\$3 250	\$1 810	\$2 717	\$3 375	\$3 776
Mean income	\$3 709	\$3 846	\$2 703	\$2 806	\$3 231	\$4 902	\$3 009	\$4 365	\$3 755	\$3 510	\$4 777	\$4 410
TYPE OF INCOME IN 1969 OF FAMILIES												
All families	1 178	1 600	571	435	389	191	817	1 167	1 318	1 320	1 131	1 849
With wage or salary income	1 046	1 472	454	376	329	163	673	1 028	1 135	1 180	1 027	1 685
Mean wage or salary income	\$9 367	\$10 968	\$7 954	\$7 442	\$7 504	\$10 373	\$8 499	\$9 738	\$9 020	\$10 040	\$9 561	\$11 586
With nonfarm self-employment income	82	111	78	18	11	3	13	65	71	79	85	160
Mean nonfarm self-employment income	\$5 304	\$6 937	\$4 148	...	...	...	...	\$7 038	\$10 551	\$4 642	\$3 805	\$6 356
With farm self-employment income	—	4	—	—	—	—	—	—	—	4	13	—
Mean farm self-employment income	—	—	—	—	—	—	—	—	—	—	—	—
With Social Security income	315	370	230	195	160	51	211	238	317	370	269	369
Mean Social Security income	\$1 483	\$1 529	\$1 574	\$1 178	\$1 560	\$1 623	\$1 220	\$1 524	\$1 600	\$1 508	\$1 450	\$1 551
With public assistance or public welfare income	91	54	38	32	46	24	139	111	127	92	106	42
Mean public assistance or public welfare income	\$1 451	\$695	\$1 317	\$825	\$1 826	...	\$2 256	\$2 182	\$2 487	\$1 040	\$1 811	\$964
With other income	361	673	173	146	96	85	266	437	456	495	528	815
Mean other income	\$1 725	\$1 189	\$1 129	\$572	\$1 336	\$2 166	\$1 249	\$1 245	\$1 257	\$1 496	\$30 096	\$1 159
RATIO OF FAMILY INCOME TO POVERTY LEVEL¹												
Percent of families with incomes:												
Less than .50 of poverty level	2.5	1.1	4.4	10.3	—	—	4.3	4.1	4.0	1.7	4.3	0.5
.50 to .74	4.6	0.3	—	7.8	—	—	6.5	3.5	3.9	1.7	1.9	0.2
.75 to .99	4.4	0.8	5.4	2.8	7.7	—	7.5	3.9	5.2	3.8	2.1	0.7
1.00 to 1.24	4.5	2.3	8.9	6.4	6.2	—	10.9	4.4	3.3	4.8	4.6	1.6
1.25 to 1.49	4.6	1.9	7.9	4.4	3.6	—	4.8	1.8	3.4	2.0	5.4	2.3
1.50 to 1.99	7.4	9.6	14.2	11.5	22.1	—	12.4	10.9	11.8	10.1	8.1	10.3
2.00 to 2.99	18.5	20.9	26.3	21.8	35.0	—	23.6	18.2	25.4	27.2	26.6	29.1
3.00 or more	53.6	63.2	32.9	34.9	25.4	—	56.0	35.5	46.0	40.7	46.9	55.2
INCOME BELOW POVERTY LEVEL¹												
Families	135	34	56	91	30	—	149	134	173	94	94	27
Percent of all families	11.5	2.1	9.8	20.9	7.7	—	18.2	11.5	13.1	7.1	8.3	1.5
Mean family income	\$2 116	\$1 157	\$1 701	\$1 431	\$2 447	—	\$2 130	\$1 968	\$1 782	\$2 245	\$1 692	\$1 557
Mean income deficit	\$1 289	\$1 296	\$942	\$1 782	\$1 177	—	\$1 263	\$1 760	\$1 154	\$1 111	\$1 698	\$1 287
Percent receiving public assistance income	33.3	38.2	17.9	7.7	50.0	—	40.3	33.6	34.7	13.8	26.6	14.8
Mean size of family	3.64	2.26	2.52	3.34	2.47	—	3.56	4.02	2.98	3.57	3.57	2.81
With related children under 18 years	86	14	23	52	22	—	101	105	102	55	61	14
Mean number of related children under 18 years	3.08	...	...	2.50	...	—	2.76	3.08	2.44	3.22	3.18	...
With related children under 6 years	77	4	9	24	7	—	47	71	51	27	27	6
Mean number of related children under 6 years	1.87	...	...	...	...	—	1.81	1.96	1.39	2.41	1.44	...
Families with female head	50	9	6	46	22	—	79	78	89	35	52	8
With related children under 18 years	30	9	6	38	22	—	67	73	83	22	46	8
Mean number of related children under 18 years	3.00	...	...	2.89	...	—	2.81	3.10	2.30	...	3.13	...
With related children under 6 years	39	4	—	16	7	—	23	45	37	10	12	—
Percent in labor force	7.7	—	—	...	...	—	—	17.8	51.4	—	—	—
Mean number of related children under 6 years	2.00	...	...	...	...	—	...	1.73	1.43	...	...	...
Family heads	135	34	56	91	30	—	149	134	173	94	94	27
Percent 65 years and over	31.1	58.8	46.4	44.0	26.7	—	29.5	7.5	25.4	31.9	14.9	29.6
Civilian male heads under 65 years	43	5	24	20	—	—	38	51	40	38	34	11
Percent in labor force	88.4	—	...	...	...	—	47.4	41.2	57.5	68.4	55.9	...
Unrelated individuals	127	189	175	88	68	136	257	80	277	205	95	109
Percent of all unrelated individuals	29.7	37.3	47.2	32.8	26.7	—	25.4	44.9	49.6	35.7	31.6	36.0
Mean income	\$751	\$820	\$875	\$697	\$1 229	—	\$1 005	\$971	\$836	\$681	\$1 115	\$1 168
Mean income deficit	\$1 046	\$978	\$905	\$1 141	\$544	—	\$817	\$830	\$974	\$1 107	\$700	\$829
Percent receiving public assistance income	5.5	2.1	18.3	15.9	7.4	—	16.2	27.6	—	4.7	2.9	8.4
Percent 65 years and over	65.4	45.0	78.9	35.2	82.4	—	55.1	65.4	50.0	70.8	60.0	40.4
Persons	618	266	316	392	142	136	787	619	793	541	431	185
Percent of all persons	15.0	4.6	14.4	21.8	8.8	13.4	22.6	13.3	14.6	10.2	10.0	2.7
Percent receiving Social Security income	20.9	39.5	62.7	25.0	52.1	18.4	26.0	12.4	26.7	39.6	21.3	35.7
Percent 65 years and over	27.8	46.6	59.8	27.8	52.1	55.1	30.4	9.9	34.9	33.8	22.3	30.8
Percent receiving Social Security income	66.3	84.7	89.9	62.4	100.0	76.6	65.6	65.3	93.4	71.9	100.0	—
Related children under 18 years	244	19	30	133	42	—	265	300	250	189	193	30
Percent living with both parents	41.4	—	63.3	16.5	—	—	27.5	21.7	29.2	13.8	26.9	16.7
Households	194	93	207	135	86	82	333	179	394	210	143	54
Percent of all households	15.8	6.2	26.3	22.7	16.5	15.6	27.5	15.7	25.2	13.8	13.0	2.8
Owner occupied	—	17	13	6	6	—	—	—	22	37	9	27
Mean value of unit	—	—	—	—	—	—	—	—	—	—	—	—
Renter occupied	194	76	194	129	80	82	333	163	372	210	134	27
Mean gross rent	\$94	\$86	\$68	\$82	\$67	\$76	\$62	\$75	\$67	\$80	\$84	\$110
Percent lacking some or all plumbing facilities	6.7	—	7.7	13.3	—	39.0	6.3	2.8	3.0	8.6	2.8	—

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	Balance of SMSA in Essex County, Mass.										
	Tract 2521	Tract 2522	Tract 2523	Tract 2524	Tract 2525	Tract 2526	Tract 2531	Tract 2532	Tract 2541	Tract 2542	Tract 2543
INCOME IN 1969 OF FAMILIES AND UNRELATED INDIVIDUALS											
All families	1 495	1 256	1 598	1 098	2 121	1 623	1 637	2 345	1 573	1 208	1 424
Less than \$1,000	13	23	14	57	38	9	25	32	10	16	10
\$1,000 to \$1,999	15	22	25	26	30	30	18	5	14	21	10
\$2,000 to \$2,999	23	14	76	29	49	55	53	30	24	50	18
\$3,000 to \$3,999	—	18	37	58	40	34	39	22	27	53	9
\$4,000 to \$4,999	53	46	72	31	58	57	23	57	32	44	4
\$5,000 to \$5,999	51	61	67	85	103	40	68	65	34	71	62
\$6,000 to \$6,999	61	42	110	80	103	104	75	85	35	52	30
\$7,000 to \$7,999	105	72	147	92	89	74	138	81	57	26	28
\$8,000 to \$8,999	110	80	130	90	164	103	161	109	54	57	41
\$9,000 to \$9,999	120	85	139	116	146	122	97	138	84	65	62
\$10,000 to \$11,999	251	261	207	141	278	276	224	371	212	194	118
\$12,000 to \$14,999	338	308	278	141	366	397	345	538	294	198	221
\$15,000 to \$24,999	319	207	264	136	522	277	311	635	479	273	566
\$25,000 to \$49,999	36	19	32	11	122	45	53	158	186	66	204
\$50,000 or more	—	—	—	5	13	—	7	19	31	22	41
Median income	\$11 566	\$11 264	\$9 871	\$9 009	\$11 730	\$11 330	\$11 085	\$12 990	\$14 077	\$11 536	\$16 749
Mean income	\$11 946	\$11 133	\$9 608	\$9 510	\$12 783	\$11 520	\$11 773	\$14 388	\$16 994	\$12 992	\$18 354
Families and unrelated individuals	1 707	1 395	2 155	1 467	2 594	1 866	2 035	3 572	1 867	1 736	1 719
Median income	\$10 790	\$10 893	\$8 236	\$7 353	\$10 324	\$10 626	\$9 481	\$10 249	\$12 910	\$9 125	\$14 617
Mean income	\$10 952	\$10 707	\$8 840	\$8 024	\$11 282	\$10 596	\$10 290	\$10 547	\$15 343	\$10 532	\$16 295
Unrelated individuals	212	139	557	369	473	243	398	1 227	294	528	295
Median income	\$3 324	\$5 688	\$2 930	\$2 456	\$4 115	\$3 375	\$2 429	\$1 420	\$5 574	\$3 250	\$5 150
Mean income	\$3 937	\$6 853	\$3 766	\$3 599	\$4 554	\$4 423	\$4 193	\$3 207	\$6 515	\$4 902	\$6 357
TYPE OF INCOME IN 1969 OF FAMILIES											
All families	1 495	1 256	1 598	1 098	2 121	1 623	1 637	2 345	1 573	1 208	1 424
With wage or salary income	1 391	1 176	1 435	958	1 934	1 514	1 498	2 208	1 456	1 073	1 331
Mean wage or salary income	\$11 082	\$10 819	\$10 226	\$9 074	\$11 741	\$10 768	\$10 686	\$13 260	\$14 893	\$11 751	\$15 416
With nonfarm self-employment income	190	95	86	93	239	136	195	173	173	116	176
Mean nonfarm self-employment income	\$5 924	\$4 694	\$7 909	\$8 524	\$9 640	\$7 908	\$9 640	\$7 717	\$12 634	\$9 656	\$13 116
With farm self-employment income	15	4	—	—	5	22	5	—	—	—	26
Mean farm self-employment income	—	—	—	—	—	—	—	—	—	—	\$4 788
With Social Security income	362	254	362	280	546	333	392	413	295	317	160
Mean Social Security income	\$1 525	\$1 309	\$1 627	\$1 808	\$1 423	\$1 495	\$1 547	\$1 499	\$1 654	\$1 553	\$1 310
With public assistance or public welfare income	24	35	73	85	43	90	61	23	13	54	31
Mean public assistance or public welfare income	—	\$901	\$1 301	\$1 250	\$812	\$1 032	\$1 366	—	—	\$1 265	\$1 447
With other income	531	507	574	380	864	567	714	1 214	822	568	841
Mean other income	\$1 390	\$874	\$1 591	\$1 019	\$1 463	\$1 018	\$1 657	\$1 753	\$2 870	\$2 473	\$3 484
RATIO OF FAMILY INCOME TO POVERTY LEVEL¹											
Percent of families with incomes:											
Less than .50 of poverty level	1.5	3.1	1.1	6.3	2.5	1.2	1.8	1.4	0.6	2.2	1.1
.50 to .74	0.3	0.8	1.0	0.8	0.7	1.2	0.5	0.4	0.5	0.9	1.1
.75 to .99	1.7	0.3	2.6	2.7	0.9	1.4	2.6	0.8	1.6	2.0	0.3
1.00 to 1.24	0.8	2.1	3.6	2.7	1.8	4.3	1.8	1.7	1.6	5.5	1.7
1.25 to 1.49	0.7	2.3	2.8	4.0	1.4	3.5	2.9	1.2	1.5	6.5	0.6
1.50 to 1.99	9.8	11.5	11.0	14.6	8.3	9.2	7.7	5.2	3.6	7.0	3.3
2.00 to 2.99	24.9	27.1	27.0	26.3	21.1	20.8	28.5	20.4	14.5	16.6	13.6
3.00 or more	60.2	52.8	50.8	41.7	63.3	58.5	54.1	68.8	76.2	59.4	78.4
INCOME BELOW POVERTY LEVEL¹											
Families	53	53	76	108	86	62	81	60	43	61	36
Percent of all families	3.5	4.2	4.8	9.8	4.1	3.8	4.9	2.6	2.7	5.0	2.5
Mean family income	\$1 856	\$943	\$1 922	\$1 022	\$1 341	\$1 715	\$1 648	\$1 549	\$2 005	\$1 870	\$1 643
Mean income deficit	\$1 032	\$2 150	\$1 089	\$2 035	\$1 930	\$1 195	\$1 193	\$1 699	\$1 110	\$1 036	\$1 957
Percent receiving public assistance income	7.5	9.4	7.9	15.7	17.4	11.1	11.1	—	—	—	11.1
Mean size of family	2.94	3.13	3.03	3.01	3.52	3.19	2.80	3.48	3.42	2.75	3.94
With related children under 18 years	11	31	31	68	47	21	46	35	22	36	31
Mean number of related children under 18 years	—	2.06	2.55	2.21	3.43	2.96	2.15	2.09	—	1.83	2.55
With related children under 6 years	7	4	12	41	22	11	24	30	10	—	11
Mean number of related children under 6 years	—	—	—	1.80	—	—	—	1.00	—	—	—
Families with female head	—	5	21	37	34	21	43	7	17	20	9
With related children under 18 years	—	5	16	37	30	16	34	7	10	20	9
Mean number of related children under 18 years	—	—	—	1.89	2.77	—	1.71	—	—	—	—
With related children under 6 years	—	—	8	18	5	5	12	7	4	—	5
Percent in labor force	—	—	—	—	—	—	—	—	—	—	—
Mean number of related children under 6 years	—	—	—	—	—	—	—	—	—	—	—
Family heads	53	53	76	108	86	62	81	60	43	61	36
Percent 65 years and over	60.4	34.0	35.5	15.7	39.5	46.8	33.3	16.7	32.6	37.7	13.9
Civilian male heads under 65 years	21	30	33	54	22	17	16	43	12	24	22
Percent in labor force	—	83.3	81.8	74.1	—	—	—	76.7	—	—	—
Unrelated individuals	64	51	207	137	173	81	175	124	35	165	52
Percent of all unrelated individuals	30.2	36.7	37.2	37.1	36.6	33.3	44.0	25.9	11.9	31.3	17.6
Mean income	\$1 066	\$744	\$1 089	\$922	\$762	\$1 073	\$1 063	\$556	\$1 114	\$990	\$574
Mean income deficit	\$689	\$1 028	\$683	\$869	\$1 029	\$716	\$713	\$1 272	\$641	\$794	\$1 214
Percent receiving public assistance income	—	—	4.3	10.2	4.0	6.2	12.0	3.2	—	12.1	—
Percent 65 years and over	79.7	72.5	82.1	65.0	76.9	69.1	73.7	47.6	100.0	70.3	42.3
Persons	220	217	437	462	476	279	402	333	182	333	194
Percent of all persons	3.8	4.3	7.6	10.5	6.1	4.5	6.5	3.6	3.1	6.8	3.3
Percent receiving Social Security income	45.9	19.8	51.5	16.7	33.0	39.8	37.8	12.0	31.9	49.2	14.9
Percent 65 years and over	52.7	31.3	53.5	26.6	41.4	39.8	42.3	23.4	36.3	49.5	16.0
Percent receiving Social Security income	75.9	55.9	96.2	62.6	74.1	100.0	82.9	39.7	87.9	97.0	80.6
Related children under 18 years	41	63	69	151	179	75	100	77	63	69	71
Percent living with both parents	100.0	73.0	29.0	47.7	47.5	77.3	37.0	68.8	77.8	69.6	49.3
Households	100	82	230	195	143	120	208	115	53	202	69
Percent of all households	6.9	6.4	13.2	16.4	6.8	7.4	12.4	4.8	3.1	13.6	4.4
Owner occupied	95	66	44	34	90	87	45	60	20	29	51
Mean value of unit	\$15 100	\$16 700	\$18 100	\$14 400	\$21 700	\$15 100	\$24 700	\$19 500	—	\$32 200	\$29 200
Renter occupied	5	16	186	161	53	33	163	55	33	173	18
Mean gross rent	—	—	\$73	\$99	\$101	\$70	\$84	\$114	\$177	\$96	—
Percent lacking some or all plumbing facilities	4.0	—	4.3	3.6	7.7	12.5	—	4.3	—	6.4	8.7

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 SMSA in Essex County, Mass.—Con.					Part in Rockingham County, N.H.					
	Tract 2544	Tract 2621	Tract 2631	Tract 2641	Tract 2651	Tract 0001	Tract 0002	Tract 0003	Tract 0004	Tract 0011	Tract 0021
INCOME IN 1969 OF FAMILIES AND UNRELATED INDIVIDUALS											
All families	1 690	1 084	546	1 360	1 314	541	1 225	1 584	1 889	1 240	592
Less than \$1,000	15	14	11	5	13	7	4	20	19	3	11
\$1,000 to \$1,999	22	10	—	15	5	6	5	20	30	7	4
\$2,000 to \$2,999	17	29	32	50	29	5	13	22	28	34	30
\$3,000 to \$3,999	21	52	10	8	44	18	36	35	42	34	36
\$4,000 to \$4,999	36	59	10	17	27	6	30	46	28	36	35
\$5,000 to \$5,999	33	73	18	38	32	22	35	69	62	32	35
\$6,000 to \$6,999	55	67	15	55	32	16	16	86	86	55	39
\$7,000 to \$7,999	36	83	10	79	88	42	50	83	139	85	24
\$8,000 to \$8,999	65	102	41	117	101	22	110	200	116	95	30
\$9,000 to \$9,999	68	73	10	91	80	38	105	105	162	72	61
\$10,000 to \$11,999	150	162	110	239	207	130	205	233	338	279	75
\$12,000 to \$14,999	294	193	105	288	275	115	280	318	417	219	95
\$15,000 to \$24,999	650	125	162	322	337	90	309	277	392	235	57
\$25,000 to \$49,999	191	42	12	36	24	13	27	59	30	41	—
\$50,000 or more	37	—	—	—	—	11	—	11	—	13	—
Median income	\$15 508	\$9 726	\$12 171	\$11 715	\$11 797	\$11 362	\$12 038	\$10 910	\$11 376	\$11 197	\$9 395
Mean income	\$17 317	\$10 440	\$12 497	\$12 169	\$12 039	\$12 750	\$12 284	\$12 424	\$11 482	\$12 397	\$9 149
Families and unrelated individuals	1 910	1 300	667	1 558	1 480	712	1 376	1 908	2 163	1 423	646
Median income	\$14 344	\$8 833	\$11 355	\$11 052	\$11 046	\$10 138	\$11 485	\$9 714	\$10 694	\$10 727	\$8 767
Mean income	\$15 823	\$9 423	\$11 772	\$11 251	\$11 109	\$10 864	\$11 563	\$11 077	\$10 585	\$11 439	\$8 421
Unrelated individuals	220	216	121	198	166	171	151	324	274	183	94
Median income	\$2 649	\$2 455	\$6 068	\$3 452	\$2 743	\$5 150	\$5 022	\$4 118	\$3 920	\$3 725	\$4 200
Mean income	\$4 347	\$4 321	\$8 499	\$4 940	\$3 746	\$4 895	\$5 716	\$4 494	\$4 402	\$4 947	\$4 141
TYPE OF INCOME IN 1969 OF FAMILIES											
All families	1 690	1 084	546	1 360	1 314	541	1 225	1 584	1 889	1 240	592
With wage or salary income	1 563	986	482	1 250	1 216	503	1 179	1 451	1 760	1 156	488
Mean wage or salary income	\$15 145	\$9 747	\$11 880	\$11 566	\$11 381	\$11 455	\$11 712	\$11 930	\$11 452	\$10 936	\$9 123
With nonfarm self-employment income	208	112	68	178	177	58	90	142	130	174	69
Mean nonfarm self-employment income	\$16 303	\$5 906	\$4 762	\$5 333	\$5 555	\$15 509	\$9 033	\$11 286	\$6 947	\$10 568	\$2 323
With farm self-employment income	18	7	42	9	16	—	—	5	4	17	6
Mean farm self-employment income	—	—	\$2 679	—	—	—	—	—	—	—	—
With Social Security income	234	243	151	246	193	67	133	226	228	190	95
Mean Social Security income	\$1 373	\$1 864	\$1 542	\$1 384	\$1 776	\$1 299	\$1 480	\$1 626	\$1 540	\$1 676	\$1 910
With public assistance or public welfare income	71	43	5	56	52	10	9	26	14	20	18
Mean public assistance or public welfare income	\$837	\$1 529	—	\$1 954	\$844	—	—	\$627	—	—	—
With other income	926	314	248	483	556	112	172	342	367	311	156
Mean other income	\$1 878	\$1 721	\$1 710	\$1 215	\$1 080	\$1 307	\$1 322	\$1 115	\$669	\$1 492	\$1 295
RATIO OF FAMILY INCOME TO POVERTY LEVEL¹											
Percent of families with incomes:											
Less than .50 of poverty level	1.2	2.0	2.0	0.4	1.4	2.4	0.3	1.8	2.0	0.5	2.0
.50 to .74	0.7	2.1	—	1.1	0.8	—	0.7	—	0.3	1.3	1.6
.75 to .99	1.2	3.6	1.1	0.6	1.8	1.8	0.6	2.2	1.0	0.9	1.1
1.00 to 1.24	0.5	3.0	2.0	4.3	1.7	1.1	2.6	0.7	3.2	1.9	5.4
1.25 to 1.49	2.8	4.2	5.7	2.1	5.6	2.6	3.2	4.6	1.4	4.2	7.8
1.50 to 1.99	6.8	13.3	6.2	8.2	9.4	11.1	7.8	8.0	7.8	6.5	14.9
2.00 to 2.99	15.6	28.0	22.5	31.2	22.1	17.7	29.7	26.8	28.5	31.5	33.9
3.00 or more	71.1	43.8	60.4	52.1	57.3	63.2	55.1	55.9	55.8	53.2	33.3
INCOME BELOW POVERTY LEVEL¹											
Families	54	84	17	28	52	23	19	63	62	33	26
Percent of all families	3.2	7.7	3.1	2.1	4.0	4.3	1.6	4.0	3.3	2.7	4.7
Mean family income	\$1 604	\$2 832	—	\$1 405	\$1 887	—	—	\$1 490	\$1 355	\$2 261	\$1 323
Mean income deficit	\$1 223	\$1 153	—	\$1 124	\$1 958	—	—	\$1 197	\$1 999	\$1 544	\$1 859
Percent receiving public assistance income	25.9	7.1	—	35.7	17.3	—	—	9.5	—	24.2	23.1
Mean size of family	2.81	4.40	—	2.36	4.27	—	—	2.56	3.48	4.24	3.31
With related children under 18 years	31	55	17	10	39	16	14	27	44	29	17
Mean number of related children under 18 years	1.61	4.00	—	3.15	3.25	—	—	2.11	1.91	2.93	1.2
With related children under 6 years	16	25	17	10	27	16	14	9	26	14	12
Mean number of related children under 6 years	—	1.44	—	—	1.41	—	—	—	1.15	—	—
Families with female head	22	30	5	15	11	—	7	27	18	20	10
With related children under 18 years	14	18	5	10	11	—	7	22	13	20	6
Mean number of related children under 18 years	—	—	—	—	—	—	—	—	—	—	—
With related children under 6 years	10	4	5	10	6	—	7	9	6	14	6
Percent in labor force	—	—	—	—	—	—	—	—	—	—	—
Mean number of related children under 6 years	—	—	—	—	—	—	—	—	—	—	—
Family heads	54	84	17	28	52	23	19	63	62	33	26
Percent 65 years and over	24.1	26.2	—	28.6	25.0	—	—	27.0	21.0	30.3	26
Civilian male heads under 65 years	23	37	12	5	28	23	7	24	36	6	16
Percent in labor force	—	100.0	—	—	78.6	—	—	—	86.1	—	—
Unrelated individuals	86	103	16	56	48	28	38	97	89	49	37
Percent of all unrelated individuals	39.1	47.7	13.2	28.3	28.9	16.4	25.2	29.9	32.5	26.8	39.4
Mean income	\$549	\$1 008	—	\$805	\$1 263	\$225	\$917	\$1 243	\$1 044	\$666	\$891
Mean income deficit	\$1 284	\$770	—	\$962	\$499	\$1 612	\$914	\$570	\$773	\$1 160	\$879
Percent receiving public assistance income	5.8	14.6	—	8.9	—	17.9	13.2	9.3	—	—	—
Percent 65 years and over	27.9	68.0	—	82.1	87.5	25.0	26.3	58.8	58.4	34.7	86.5
Persons	238	473	91	122	270	95	110	258	305	189	123
Percent of all persons	3.4	11.4	4.3	2.2	5.2	4.4	2.2	4.3	4.4	4.0	5.7
Percent receiving Social Security income	16.0	24.1	12.1	32.8	29.3	6.3	16.4	32.9	24.6	12.2	26.0
Percent 65 years and over	19.7	22.8	17.6	48.4	23.7	7.4	13.6	30.6	23.3	17.5	30.1
Percent receiving Social Security income	72.3	79.6	—	67.8	93.8	—	—	87.3	91.5	60.6	86.5
Related children under 18 years	55	212	43	19	128	20	40	65	78	88	32
Percent living with both parents	41.8	64.6	74.4	—	21.9	—	57.5	7.7	70.5	23.9	68.8
Households	60	134	21	66	88	23	38	78	91	53	54
Percent of all households	3.5	13.3	4.5	4.8	8.6	4.6	3.0	5.3	5.0	4.4	9.9
Owner occupied	34	69	21	46	62	7	19	33	67	42	43
Mean value of unit	\$18 200	\$10 800	—	\$14 100	\$17 900	—	—	\$14 100	\$23 200	\$14 400	\$12 000
Renter occupied	26	65	—	20	26	16	19	45	24	11	11
Mean gross rent	\$92	\$89	—	—	\$145	—	—	—	—	—	—
Percent lacking some or all plumbing facilities	6.7	10.4	—	6.1	13.6	—	—	—	3.3	—	25.9

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

	Part in Essex County, Mass.				Part in Rockingham County, N.H.	
	Total SMSA	Total	Haverhill	Lawrence		Balance
AGE BY SEX						
Male, all ages	693	652	226	313	113	41
Under 5 years	88	88	6	66	16	-
3 and 4 years	45	45	6	28	11	-
5 to 9 years	106	92	36	33	23	14
5 years	21	14	5	9	-	7
6 years	29	22	17	5	-	7
10 to 14 years	81	63	26	20	17	18
14 years	32	32	18	8	6	-
15 to 19 years	54	54	16	32	6	-
15 years	16	16	9	7	-	-
16 years	25	25	7	12	6	-
17 years	8	8	-	8	-	-
18 years	5	5	-	5	-	-
19 years	-	-	-	-	-	-
20 to 24 years	23	19	7	12	-	4
20 years	11	7	7	-	-	4
21 years	-	-	-	-	-	-
25 to 34 years	119	114	42	60	12	5
35 to 44 years	102	102	54	48	-	-
45 to 54 years	38	38	9	14	15	-
55 to 59 years	13	13	6	7	-	-
60 to 64 years	29	16	-	5	11	-
65 to 74 years	29	29	9	16	4	-
75 years and over	24	24	15	-	9	-
Female, all ages	693	659	241	331	87	34
Under 5 years	106	98	25	60	13	8
3 and 4 years	49	49	12	37	-	-
5 to 9 years	122	122	51	61	10	-
5 years	14	14	-	14	-	-
6 years	17	17	6	6	5	-
10 to 14 years	71	67	22	45	-	4
14 years	4	4	-	-	-	-
15 to 19 years	34	27	19	8	-	7
15 years	17	10	10	-	-	7
16 years	9	9	4	5	-	-
17 years	3	3	-	3	-	-
18 years	5	5	5	-	-	-
19 years	-	-	-	-	-	-
20 to 24 years	77	71	20	42	9	6
20 years	22	22	3	19	-	-
21 years	8	8	-	4	4	-
25 to 34 years	104	95	25	49	21	9
35 to 44 years	57	57	20	27	10	-
45 to 54 years	37	37	13	24	-	-
55 to 59 years	18	18	5	6	7	-
60 to 64 years	12	12	12	-	-	-
65 to 74 years	30	30	10	3	17	-
75 years and over	25	25	19	6	-	-
RELATIONSHIP TO HEAD OF HOUSEHOLD						
All persons	1 386	1 311	467	644	200	75
In households	1 348	1 277	452	634	191	71
Head of household	389	375	134	190	51	14
Head of family	283	269	102	127	40	14
Primary individual	106	106	32	63	11	-
Wife of head	200	194	67	87	40	6
Other relative of head	744	693	244	349	100	51
Not related to head	15	15	7	8	-	-
In group quarters	38	34	15	10	-	4
Persons per household	3.47	3.41	3.37	3.34	3.75	...
TYPE OF HOUSEHOLD						
All households	389	375	134	190	51	14
Male primary individual	71	71	24	47	-	-
Female primary individual	35	35	8	16	11	-
Husband-wife households	212	207	75	97	35	5
Households with other male head	4	4	4	-	-	-
Households with female head	67	58	23	30	5	9
SCHOOL ENROLLMENT						
Persons, 16 to 21 years old	96	92	26	56	10	4
Not attending school	41	37	15	22	-	4
Not high school graduates	23	19	10	9	-	4
Percent of total	24.0	20.7	38.5	16.1	-	...
YEARS OF SCHOOL COMPLETED						
Persons, 25 years old and over	624	610	239	265	106	14
No school years completed	13	13	-	13	-	-
Elementary: 1 to 4 years	28	28	18	10	-	-
5 to 7 years	93	93	43	42	8	-
8 years	58	58	32	11	15	-
High school: 1 to 3 years	116	107	48	37	22	9
4 years	228	228	83	121	24	-
College: 1 to 3 years	74	74	15	31	28	-
4 years or more	14	9	-	-	9	5
Median school years completed	12.0	12.0	10.7	12.2	12.3	...
Percent high school graduates	50.6	51.0	41.0	57.4	57.5	...
RESIDENCE IN 1965						
Persons, 5 years old and over, 1970 ¹	1 215	1 137	466	513	158	78
Same house as in 1970	489	433	223	138	72	56
Different house:						
In central city of this SMSA	280	280	119	161	-	-
In other part of this SMSA	36	36	31	-	5	-
Outside this SMSA	166	144	30	33	81	22
North and West	134	134	20	33	81	-
South	32	10	10	-	-	22
Abroad	29	29	10	19	-	-

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	Part in Essex County, Mass.					Part in Rockingham County, N.H.
	Total SMSA	Total	Haverhill	Lawrence	Balance	
EMPLOYMENT STATUS AND OCCUPATION						
Male, 16 years old and over	402	393	149	187	57	9
Labor force	303	294	113	139	42	9
Civilian labor force	297	288	107	139	42	9
Employed	293	288	107	139	42	5
Unemployed	4	-	-	-	-	4
Not in labor force	99	99	36	48	15	-
Female, 16 years old and over	377	362	133	165	64	15
Labor force	188	179	59	85	35	9
Civilian labor force	188	179	59	85	35	9
Employed	178	169	59	75	35	9
Unemployed	10	10	-	10	-	-
Not in labor force	189	183	74	80	29	6
Married women in labor force, husband present	121	115	48	36	31	6
With own children under 6 years	44	38	17	4	17	6
Total employed, 16 years old and over	471	457	166	214	77	14
Professional, technical, and kindred workers	77	66	12	22	32	11
Managers and administrators, except farm	7	7	4	3	-	-
Sales workers	9	9	-	9	-	-
Clerical and kindred workers	54	54	16	32	6	-
Craftsmen, foremen, and kindred workers	35	35	21	14	-	-
Operatives, except transport	188	188	70	97	21	-
Transport equipment operatives	15	15	5	10	-	-
Laborers, except farm	23	23	7	11	5	-
Farm workers	5	5	5	-	-	-
Service workers, except private household	52	49	20	16	13	3
Private household workers	6	6	6	-	-	-
Female employed, 16 years old and over	178	169	59	75	35	9
Professional, technical, and kindred workers	32	26	-	12	14	6
Managers and administrators, except farm	3	3	-	3	-	-
Sales workers	-	-	-	-	-	-
Clerical and kindred workers	38	38	-	32	6	-
Operatives, including transport	64	64	31	22	11	-
Other blue-collar workers	15	15	9	6	-	-
Farm workers	5	5	5	-	-	3
Service workers, except private household	15	12	8	-	4	-
Private household workers	6	6	6	-	-	-
FAMILY INCOME IN 1969						
All families	283	269	102	127	40	14
Less than \$1,000	20	20	-	15	5	-
\$1,000 to \$1,999	19	16	16	-	-	3
\$2,000 to \$2,999	19	19	-	19	-	-
\$3,000 to \$3,999	6	-	-	-	-	6
\$4,000 to \$4,999	15	15	5	5	5	-
\$5,000 to \$5,999	11	11	4	7	-	-
\$6,000 to \$6,999	17	17	17	-	-	-
\$7,000 to \$7,999	32	32	12	12	8	-
\$8,000 to \$8,999	17	17	4	7	6	-
\$9,000 to \$9,999	16	16	7	9	-	-
\$10,000 or more	111	106	37	53	16	5
Median income: Families and unrelated individuals	\$8 147	\$8 265	\$7 750	\$8 786	\$8 333	...
	\$6 283	\$6 457	\$6 457	\$5 867	\$7 250	...
RATIO OF FAMILY INCOME TO POVERTY LEVEL¹						
Percent of families with incomes:						
Less than .50 of poverty level	12.0	11.5	10.8	11.8	12.5	...
.50 to .74	1.8	1.9	4.9	-	-	...
.75 to .99	6.7	4.8	-	10.2	-	...
1.00 to 1.24	2.1	2.2	-	4.7	-	...
1.25 to 1.49	6.7	7.1	3.9	11.8	-	...
1.50 to 1.99	26.9	28.3	36.3	20.5	32.5	...
2.00 or more	43.8	44.2	44.1	40.9	55.0	...
INCOME BELOW POVERTY LEVEL¹						
Families	58	49	16	28	5	9
Percent of all families	20.5	18.2	15.7	22.0	12.5	...
Mean family income	\$1 531	\$1 301	...	\$1 382	...	...
Mean income deficit	\$2 000	\$2 063	...	\$2 202	...	...
Percent receiving public assistance income	48.3	44.9	...	21.4	...	...
Mean size of family	3.88	3.61	...	3.86	...	...
With related children under 18 years	53	44	11	28	5	9
Mean number of related children under 18 years	2.92	2.64	...	2.61	...	...
With related children under 6 years	36	27	-	22	5	9
Mean number of related children under 6 years	1.64	1.85	...	...	...	...
Families with female head	46	37	11	21	5	9
With related children under 18 years	46	37	11	21	5	9
Mean number of related children under 18 years	2.91	2.57	...	...	...	...
With related children under 6 years	29	20	...	15	5	9
Percent in labor force	44.8	...	...	...	...	...
Mean number of related children under 6 years	1.55	...	...	...	...	...
Family heads	58	49	16	28	5	9
Percent 65 years and over	8.6	10.2	...	...	...	...
Civilian male heads under 65 years	7	7	...	7	...	...
Percent in labor force	...	...	...	...	...	...
Unrelated individuals	36	36	12	17	7	...
Percent of all unrelated individuals	26.9	27.7	27.9	23.9	...	...
Mean income	\$850	\$850	...	...	...	...
Mean income deficit	\$968	\$968	...	...	...	...
Percent receiving public assistance income	33.3	33.3	...	...	...	...
Percent 65 years and over	61.1	61.1	...	...	...	...
Persons	261	213	66	125	22	48
Percent of all persons	19.2	16.6	14.5	19.7	11.2	64.0
Percent receiving Social Security income	12.3	15.0	33.3	8.0	...	...
Percent 65 years and over	10.3	12.7	25.8	8.0	...	...
Percent receiving Social Security income	100.0	100.0	...	...	...	...
Related children under 18 years	162	115	35	69	11	47
Percent living with both parents	10.5	14.8	...	24.6	...	...
Households	76	67	23	32	12	9
Percent of all households	22.2	20.4	20.5	18.9	25.5	...
Owner occupied	9	9	4	-	5	...
Mean value of unit	...	...	...	...	...	...
Renter occupied	67	...	...	...	...	...
Mean gross rent	\$95	\$58	19	32	7	9
Percent lacking some or all plumbing facilities	19.7	\$102	...	\$107	...	...
		22.4	...	...	...	...

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

	Total SMSA	Part in Essex County, Mass.			Part in Rockingham County, N.H.	
		Total	Haverhill	Lawrence		Balace
AGE BY SEX						
Male, all ages						
Under 5 years	1 644	1 567	138	1 156	273	77
3 and 4 years	340	320	19	262	47	12
5 to 9 years	133	124	-	108	18	7
5 years	220	202	15	166	21	18
6 years	40	27	-	21	6	13
10 to 14 years	41	41	-	33	8	-
14 years	180	175	21	126	28	5
15 to 19 years	25	25	-	25	-	-
15 years	151	151	5	92	54	-
16 years	25	25	-	11	14	-
17 years	15	15	-	15	-	-
18 years	54	54	5	23	26	-
19 years	48	48	-	34	14	-
20 to 24 years	9	9	-	9	-	-
20 years	115	115	16	79	20	-
21 years	6	6	6	-	-	-
25 to 34 years	68	68	10	58	-	-
35 to 44 years	213	188	15	141	32	25
45 to 54 years	308	303	18	237	48	5
55 to 59 years	73	66	17	43	6	7
60 to 64 years	10	10	4	-	6	-
65 to 74 years	-	-	-	-	-	-
75 years and over	19	19	8	-	11	-
	15	10	-	10	-	5
Female, all ages						
Under 5 years	1 688	1 595	140	1 171	284	93
3 and 4 years	244	215	16	175	24	29
5 to 9 years	87	83	8	62	13	4
5 years	239	228	23	166	39	11
6 years	45	45	6	27	12	-
10 to 14 years	46	46	4	42	-	-
14 years	172	168	12	123	33	4
15 to 19 years	20	20	6	14	-	-
15 years	236	224	36	126	62	12
16 years	52	52	12	34	6	-
17 years	47	41	11	7	23	6
18 years	26	26	13	7	6	-
19 years	58	52	-	32	20	6
20 to 24 years	53	53	-	46	7	-
20 years	152	146	5	116	25	6
21 years	13	13	5	8	-	-
25 to 34 years	38	38	-	38	-	-
35 to 44 years	332	312	12	274	26	20
45 to 54 years	188	177	13	97	67	11
55 to 59 years	85	85	12	73	-	-
60 to 64 years	18	18	4	14	-	-
65 to 74 years	7	7	-	7	-	-
75 years and over	15	15	7	-	8	-
	-	-	-	-	-	-
RELATIONSHIP TO HEAD OF HOUSEHOLD						
All persons	3 332	3 162	278	2 327	557	170
In households	3 280	3 110	265	2 310	535	170
Head of household	815	778	63	599	116	37
Head of family	704	667	53	514	100	37
Primary individual	111	111	10	85	16	-
Wife of head	602	565	42	431	92	37
Other relative of head	1 050	1 754	160	1 267	327	96
Not related to head	13	13	-	13	-	-
In group quarters	52	52	13	17	22	-
Persons per household	4.02	4.00	4.21	3.86	4.61	4.59
TYPE OF HOUSEHOLD						
All households	815	778	63	599	116	37
Male primary individual	57	57	10	38	9	-
Female primary individual	54	54	-	47	7	-
Husband-wife households	589	552	49	408	95	37
Households with other male head	25	25	-	25	-	-
Households with female head	90	90	4	81	5	-
SCHOOL ENROLLMENT						
Persons, 16 to 21 years old	435	423	50	277	96	12
Not attending school	230	230	15	208	7	-
Not high school graduates	194	194	5	189	-	-
Percent of total	44.6	45.9	10.0	68.2	-	-
YEARS OF SCHOOL COMPLETED						
Persons, 25 years old and over	1 283	1 210	110	896	204	73
No school years completed	56	56	-	50	6	-
Elementary:	175	169	7	136	26	6
1 to 4 years	281	269	60	195	14	12
5 to 7 years	196	191	-	191	-	5
8 years	179	179	21	120	38	-
High school:	269	244	3	187	54	25
1 to 3 years	55	41	4	8	29	14
4 years	72	61	15	9	37	11
College:	8.7	8.6	7.6	8.4	12.3	12.5
Median school years completed	30.9	28.6	20.0	22.8	58.8	68.5
Percent high school graduates						
RESIDENCE IN 1965						
Persons, 5 years old and over, 1970 ¹	2 748	2 619	243	1 890	486	129
Same house as in 1970	456	429	112	151	166	27
Different house:						
In central city of this SMSA	690	690	47	632	11	-
In other part of this SMSA	152	135	-	27	108	17
Outside this SMSA	366	293	49	150	94	73
North and West	329	293	49	150	94	36
South	37	-	-	-	-	37
Abroad	915	910	23	793	94	5

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	Part in Essex County, Mass.					Part in Rockingham County, N.H.
	Total SMSA	Total	Haverhill	Lawrence	Balace	
EMPLOYMENT STATUS AND OCCUPATION						
Male, 16 years old and over	879	837	83	591	163	
Labor force	766	724	70	536	118	42
Civilian labor force	766	724	70	536	118	42
Employed	717	675	62	495	118	42
Unemployed	49	49	8	41	-	42
Not in labor force	113	113	13	55	45	-
Female, 16 years old and over	981	932	77	673	182	
Labor force	535	523	30	412	81	49
Civilian labor force	535	523	30	412	81	12
Employed	522	510	30	399	81	12
Unemployed	13	13	-	13	-	12
Not in labor force	446	409	47	261	101	-
Married women in labor force, husband present	357	345	19	277	49	37
With own children under 6 years	150	138	-	127	11	12
Total employed, 16 years old and over	1 239	1 185	92	894	199	
Professional, technical, and kindred workers	133	109	15	35	59	54
Managers and administrators, except farm	21	21	-	5	16	24
Sales workers	-	-	-	-	-	-
Clerical and kindred workers	37	37	-	25	-	-
Craftsmen, foremen, and kindred workers	75	75	11	53	12	-
Operatives, except transport	758	746	38	654	54	-
Transport equipment operatives	20	13	6	7	-	12
Laborers, except farm	94	94	5	77	-	7
Farm workers	-	-	-	-	12	-
Service workers, except private household	94	83	17	31	-	-
Private household workers	7	7	-	7	35	11
Female employed, 16 years old and over	522	510	30	399	81	12
Professional, technical, and kindred workers	40	34	-	5	29	6
Managers and administrators, except farm	-	-	-	-	-	-
Sales workers	-	-	-	-	-	-
Clerical and kindred workers	37	37	-	25	12	-
Operatives, including transport	372	372	20	325	27	-
Other blue-collar workers	22	22	-	22	-	-
Farm workers	-	-	-	-	-	-
Service workers, except private household	44	38	10	15	13	6
Private household workers	7	7	-	7	-	-
FAMILY INCOME IN 1969						
All families	704	667	53	514	100	37
Less than \$1,000	57	57	4	41	12	-
\$1,000 to \$1,999	10	10	-	10	-	-
\$2,000 to \$2,999	30	30	-	30	-	-
\$3,000 to \$3,999	32	32	10	22	-	-
\$4,000 to \$4,999	56	56	-	56	-	-
\$5,000 to \$5,999	78	71	16	55	-	7
\$6,000 to \$6,999	49	44	-	38	6	5
\$7,000 to \$7,999	107	100	4	88	8	7
\$8,000 to \$8,999	47	47	-	37	10	-
\$9,000 to \$9,999	21	21	-	21	-	-
\$10,000 or more	217	199	19	116	64	18
Median income: Families	\$7 374	\$7 335	\$5 781	\$7 057	\$11 647	\$7 929
Families and unrelated individuals	\$6 519	\$6 396	\$5 421	\$6 079	\$8 706	\$7 929
RATIO OF FAMILY INCOME TO POVERTY LEVEL¹						
Percent of families with incomes:						
Less than .50 of poverty level	9.5	10.0	7.5	9.9	12.0	-
.50 to .74	2.3	2.4	-	3.1	-	-
.75 to .99	8.7	9.1	30.2	8.8	-	-
1.00 to 1.24	5.7	6.0	-	7.8	-	-
1.25 to 1.49	12.2	11.1	-	13.2	6.0	32.4
1.50 to 1.99	15.3	15.1	18.9	16.7	5.0	18.9
2.00 or more	46.3	46.2	43.4	40.5	77.0	48.6
INCOME BELOW POVERTY LEVEL¹						
Families	144	144	20	112	12	-
Percent of all families	20.5	21.6	37.7	21.8	12.0	-
Mean family income	\$2 182	\$2 182	...	\$1 990	...	-
Mean income deficit	\$1 850	\$1 850	...	\$1 702	...	-
Percent receiving public assistance income	22.2	22.2	-	28.6	-	-
Mean size of family	4.48	4.48	...	3.96	...	-
With related children under 18 years	144	144	20	112	12	-
Mean number of related children under 18 years	2.64	2.64	...	2.20	...	-
With related children under 6 years	98	98	12	74	12	-
Mean number of related children under 6 years	2.29	2.29	...	2.05	...	-
Families with female head	55	55	4	51	-	-
With related children under 18 years	55	55	4	51	-	-
Mean number of related children under 18 years	2.05	2.05	...	1.98	-	-
With related children under 6 years	22	22	4	18	-	-
Percent in labor force	...	...	...	...	...	-
Mean number of related children under 6 years	...	...	...	...	...	-
Family heads	144	144	20	112	12	-
Percent 65 years and over	89	89	16	61	12	-
Civilian male heads under 65 years	74.2	74.2	...	62.3	...	-
Percent in labor force	39	39	...	31	8	-
Unrelated individuals	25.3	25.3	-	27.0	-	-
Mean income	\$1 117	\$1 117	-	...	-	-
Mean income deficit	\$840	\$840	-	...	-	-
Percent receiving public assistance income	20.5	20.5	-	...	-	-
Percent 65 years and over	...	...	...	...	...	-
Persons	684	684	136	474	74	-
Percent of all persons	20.7	21.8	50.4	20.4	13.6	-
Percent receiving Social Security income	0.9	0.9	-	1.3	-	-
Percent 65 years and over	1.0	1.0	5.1	-	-	-
Percent receiving Social Security income	...	...	...	...	...	-
Related children under 18 years	368	368	93	237	38	-
Percent living with both parents	49.2	49.2	81.7	30.4	86.8	-
Households	153	153	20	121	12	-
Percent of all households	19.5	20.5	31.7	21.3	10.3	-
Owner occupied	...	...	...	...	...	-
Mean value of unit	...	...	...	...	...	-
Renter occupied	...	...	...	...	...	-
Mean gross rent	153	153	20	121	12	-
Percent lacking some or all plumbing facilities	\$100	\$100	...	\$99	...	-
	13.1	13.1	...	13.2	...	-

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	Part in Essex County, Mass.					Part in Rockingham County, N.H.	Haverhill				
	Total SMSA	Total	Haverhill	Lawrence	Balance		Tract 2601	Tract 2602	Tract 2603	Tract 2604	Tract 2605
All housing units	78 606	69 711	16 116	24 909	28 686	8 895	2 158	1 411	2 091	1 127	1 151
Vacant—seasonal and migratory	920	162	11	6	145	758	1	1	2	-	1
All year-round housing units	77 686	69 549	16 105	24 903	28 541	8 137	2 157	1 410	2 089	1 127	1 150
TENURE, RACE, AND VACANCY STATUS											
Owner occupied	41 717	35 570	8 317	7 729	19 524	6 147	294	304	1 588	990	872
Cooperative and condominium	118	118	26	49	43	-	-	-	-	-	7
White	41 537	35 407	8 263	7 693	19 451	6 130	285	293	1 581	981	869
Negro	98	93	47	15	31	5	9	10	4	7	3
Renter occupied	32 007	30 342	6 916	15 500	7 926	1 665	1 602	1 021	443	135	261
White	31 573	29 920	6 806	15 233	7 861	1 653	1 570	986	442	134	261
Negro	294	291	85	183	23	5	27	27	1	1	-
Vacant year-round	3 962	3 637	872	1 674	1 091	325	261	85	58	2	17
For sale only	348	288	51	80	157	60	7	9	9	4	4
Vacant less than 6 months	253	202	39	33	130	51	4	-	4	-	-
Median price asked	\$23 600	\$24 900	\$14 700	\$18 300	\$28 800	\$22 400	\$12 100	-	\$10 000	-	-
For rent	2 354	2 255	549	1 177	529	99	205	56	14	1	7
Vacant less than 2 months	1 239	1 164	259	604	301	75	107	34	-	-	4
Median rent asked	\$72	\$70	\$67	\$62	\$158	\$133	\$65	\$91	\$85	-	\$68
Other	1 260	1 094	272	417	405	166	49	29	35	1	6
LACKING SOME OR ALL PLUMBING FACILITIES											
All units	2 999	2 763	650	1 545	568	236	287	66	58	62	16
Owner occupied	710	584	160	111	313	126	5	6	34	49	11
Negro	2	2	1	1	-	-	-	-	-	-	-
Renter occupied	1 767	1 723	396	1 173	154	44	242	57	10	13	4
Negro	27	26	3	22	1	1	1	1	-	-	-
Vacant year-round	522	456	94	261	101	66	40	3	14	-	1
For sale only	36	30	4	13	13	6	-	-	-	-	-
For rent	245	234	57	166	11	11	31	3	2	-	1
COMPLETE KITCHEN FACILITIES AND ACCESS											
Lacking complete kitchen facilities	1 826	1 768	379	1 161	228	58	176	29	26	5	3
Access only through other living quarters	113	111	24	60	27	2	8	3	-	-	-
ROOMS											
1 room	1 610	1 537	380	984	173	73	211	138	7	2	-
2 rooms	1 794	1 681	474	591	616	113	252	138	13	8	6
3 rooms	6 362	5 769	1 661	2 252	1 856	593	565	279	185	29	33
4 rooms	15 484	13 604	3 370	5 389	4 845	1 880	554	310	339	190	91
5 rooms	20 405	18 053	4 041	7 728	6 284	2 352	296	231	458	285	259
6 rooms	17 942	16 175	3 250	5 802	7 123	1 767	164	158	550	333	320
7 rooms	7 644	6 837	1 614	1 296	3 927	807	58	69	306	155	217
8 rooms	3 901	3 533	814	534	2 185	368	37	45	113	78	129
9 rooms or more	2 544	2 360	501	327	1 532	184	20	42	118	47	95
Median	5.2	5.2	5.0	4.9	5.6	5.1	3.6	4.0	5.6	5.6	6.1
All occupied housing units	73 724	65 912	15 233	23 229	27 450	7 812	1 896	1 325	2 031	1 125	1 133
PERSONS											
1 person	14 080	13 255	3 467	6 001	3 787	825	903	523	333	111	168
2 persons	20 691	18 557	4 414	6 607	7 536	2 134	455	371	613	316	360
3 persons	12 645	11 229	2 494	3 841	4 894	1 416	203	161	347	204	181
4 persons	11 135	9 687	2 032	2 962	4 693	1 448	152	115	279	197	182
5 persons	7 393	6 393	1 316	1 793	3 284	1 060	68	69	229	139	131
6 persons or more	7 780	6 791	1 510	2 025	3 256	989	115	86	230	158	111
Median, all occupied units	2.7	2.6	2.4	2.3	3.0	2.4	1.6	1.9	2.7	3.2	2.7
Median, owner occupied units	3.2	3.2	2.9	2.8	3.4	3.5	2.5	2.9	3.0	3.2	2.9
Median, renter occupied units	2.2	2.2	2.0	2.2	2.2	2.4	1.5	1.6	2.1	3.0	2.4
Units with roomers, boarders, or lodgers	774	680	192	258	230	94	48	29	16	13	9
PERSONS PER ROOM											
1.00 or less	69 405	62 154	14 369	21 745	26 040	7 251	1 786	1 265	1 923	1 017	1 108
1.01 to 1.50	3 624	3 138	717	1 218	1 203	486	86	47	99	79	23
1.51 or more	695	620	147	266	207	75	24	13	9	29	2
Units with all plumbing facilities—1.01 or more	4 225	3 679	838	1 455	1 386	546	105	59	103	98	25
VALUE											
Specified owner occupied units ¹	31 339	26 272	5 996	3 823	16 453	5 067	102	134	1 349	865	698
Less than \$5,000	408	352	146	54	152	56	11	4	45	26	1
\$5,000 to \$7,499	714	606	275	97	234	108	22	10	74	45	7
\$7,500 to \$9,999	1 234	1 050	419	185	446	184	32	18	78	65	24
\$10,000 to \$14,999	5 176	4 341	1 578	796	1 967	835	29	44	386	200	112
\$15,000 to \$19,999	8 995	7 216	1 974	1 260	3 982	1 779	7	38	417	304	222
\$20,000 to \$24,999	6 859	5 490	888	859	3 743	1 369	1	13	170	143	144
\$25,000 to \$34,999	5 006	4 380	504	479	3 397	626	-	6	107	70	130
\$35,000 to \$49,999	2 150	2 069	160	81	1 828	81	-	1	44	12	45
\$50,000 or more	797	768	52	12	704	29	-	-	28	-	13
Median	\$19 500	\$19 700	\$16 300	\$18 200	\$21 900	\$18 900	\$8 900	\$14 100	\$16 000	\$16 500	\$19 700
CONTRACT RENT											
Specified renter occupied units ²	31 838	30 196	6 896	15 482	7 818	1 642	1 602	1 021	434	130	261
Less than \$30	808	782	143	502	137	26	50	9	14	1	4
\$30 to \$39	1 468	1 454	205	1 171	78	14	72	14	7	3	3
\$40 to \$59	6 785	6 715	1 435	4 396	884	70	422	101	102	15	10
\$60 to \$79	7 599	7 532	1 923	4 361	1 248	67	508	254	87	21	66
\$80 to \$99	5 072	4 969	1 391	2 440	1 138	103	299	322	72	17	61
\$100 to \$149	6 549	5 712	1 429	1 970	2 313	837	231	304	120	34	97
\$150 to \$199	2 060	1 648	146	350	1 152	412	4	2	7	15	7
\$200 to \$249	290	265	6	9	250	25	-	-	-	-	-
\$250 or more	157	154	-	3	151	3	-	-	-	-	-
No cash rent	1 050	965	218	280	467	85	13	15	25	23	13
Median	\$75	\$73	\$75	\$65	\$104	\$135	\$67	\$86	\$78	\$96	\$90

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	Haverhill—Con.						Lawrence					
	Tract 2606	Tract 2607	Tract 2608	Tract 2609	Tract 2610	Tract 2611	Tract 2501	Tract 2502	Tract 2503	Tract 2504	Tract 2505	Tract 2506
All housing units	1 097	1 029	1 897	1 096	1 554	1 505	746	1 680	998	1 212	1 211	1 618
Vacant—seasonal and migratory	3	—	—	—	1	2	—	—	—	1	—	—
All year-round housing units	1 094	1 029	1 897	1 096	1 553	1 503	746	1 680	998	1 211	1 211	1 618
TENURE, RACE, AND VACANCY STATUS												
Owner occupied	577	558	576	623	781	1 154	29	712	190	301	290	593
Cooperative and condominium	—	—	10	—	9	—	—	9	—	—	—	592
White	573	558	575	622	773	1 153	28	709	189	295	289	592
Negro	4	—	1	1	8	—	—	2	1	4	1	—
Renter occupied	490	424	1 113	399	724	304	628	911	725	788	794	950
White	486	417	1 099	391	722	298	599	900	714	759	785	945
Negro	4	6	12	6	2	2	20	9	7	26	5	—
Vacant year-round	27	47	208	74	48	45	89	57	83	122	127	75
For sale only	—	2	11	4	3	11	—	4	—	—	1	5
Vacant less than 6 months	—	—	11	—	—	10	—	—	—	—	—	—
Median price asked	—	—	—	—	—	—	—	—	—	—	—	—
For rent	16	20	143	48	25	14	84	38	75	106	93	31
Vacant less than 2 months	7	9	54	17	22	5	58	20	20	44	40	20
Median rent asked	\$77	\$65	\$61	\$70	\$69	\$120	\$60	\$80	\$59	\$54	\$62	\$69
Other	11	25	54	22	20	20	5	15	8	16	33	39
LACKING SOME OR ALL PLUMBING FACILITIES												
All units	16	24	58	25	15	23	502	30	53	37	43	22
Owner occupied	9	10	6	10	6	14	4	7	9	12	9	6
Negro	—	—	—	—	—	—	—	—	—	—	—	—
Renter occupied	6	12	25	14	8	5	426	22	42	21	30	16
Negro	—	—	—	—	—	—	14	—	—	—	—	—
Vacant year-round	1	2	27	1	1	4	72	1	2	4	4	—
For sale only	—	—	—	—	—	3	—	—	—	—	—	—
For rent	—	—	20	—	—	—	68	—	2	2	2	—
COMPLETE KITCHEN FACILITIES AND ACCESS												
Lacking complete kitchen facilities	16	28	46	28	13	9	460	15	28	59	11	11
Access only through other living quarters	1	2	2	3	4	1	1	3	4	6	2	1
ROOMS												
1 room	3	1	4	—	9	5	452	13	24	1	—	2
2 rooms	6	13	9	2	23	4	51	22	45	37	6	9
3 rooms	96	58	176	24	153	63	59	160	133	63	31	84
4 rooms	226	225	616	310	293	216	81	257	282	352	247	243
5 rooms	320	389	675	404	435	289	84	460	320	443	440	446
6 rooms	235	183	286	226	373	422	12	484	132	227	423	616
7 rooms	116	103	74	78	161	277	4	156	43	52	42	120
8 rooms	68	44	37	39	71	153	2	75	9	18	16	61
9 rooms or more	24	13	20	13	35	74	1	53	10	18	6	37
Median	5.2	5.1	4.7	5.0	5.2	5.9	1.3	5.3	4.5	4.8	5.2	5.5
All occupied housing units	1 067	982	1 689	1 022	1 505	1 458	657	1 623	915	1 089	1 084	1 543
PERSONS												
1 person	187	145	383	164	351	199	489	321	323	225	229	312
2 persons	314	277	510	294	416	488	85	477	242	293	307	494
3 persons	205	169	300	210	265	249	33	297	131	194	180	309
4 persons	151	161	198	163	211	223	30	208	86	140	159	225
5 persons	98	104	141	91	127	119	13	166	58	104	88	106
6 persons or more	112	126	157	100	135	180	7	154	75	133	121	97
Median, all occupied units	2.7	2.9	2.4	2.8	2.5	2.7	1.2	2.5	2.1	2.6	2.5	2.4
Median, owner occupied units	3.0	3.2	2.6	2.7	2.9	3.0	2.2	2.9	2.7	2.9	2.7	2.6
Median, renter occupied units	2.4	2.6	2.3	2.8	2.2	2.1	1.1	2.4	1.9	2.6	2.5	2.4
Units with roomers, boarders, or lodgers	9	6	19	5	19	19	3	14	19	23	19	9
PERSONS PER ROOM												
1.00 or less	1 016	902	1 559	948	1 440	1 405	642	1 550	853	970	987	1 494
1.01 to 1.50	43	71	104	66	58	41	7	60	51	86	77	44
1.51 or more	8	9	26	8	7	12	8	13	11	33	20	5
Units with all plumbing facilities—1.01 or more	49	79	130	72	65	53	9	73	60	118	95	48
VALUE												
Specified owner occupied units ¹	371	402	164	393	516	1 002	—	359	63	107	72	148
Less than \$5,000	9	12	7	5	11	15	—	4	5	8	5	1
\$5,000 to \$7,499	13	23	16	15	26	24	—	3	7	15	8	2
\$7,500 to \$9,999	42	28	20	24	52	36	—	9	13	15	5	9
\$10,000 to \$14,999	139	139	37	86	188	218	—	49	24	47	38	34
\$15,000 to \$19,999	124	133	45	143	178	363	—	134	12	20	10	40
\$20,000 to \$24,999	27	47	21	77	40	205	—	106	1	2	4	31
\$25,000 to \$34,999	13	17	16	37	12	96	—	44	1	—	1	26
\$35,000 to \$49,999	4	2	2	6	6	38	—	9	—	—	—	4
\$50,000 or more	—	1	—	—	3	7	—	1	—	—	—	1
Median	\$14 400	\$15 000	\$15 200	\$17 500	\$14 500	\$17 800	—	\$19 400	\$11 200	\$11 300	\$12 400	\$18 600
CONTRACT RENT												
Specified renter occupied units ²	490	424	1 111	399	724	300	628	911	724	787	794	949
Less than \$30	10	4	29	12	7	3	35	8	12	25	31	17
\$30 to \$39	4	10	61	15	8	8	72	18	38	76	61	28
\$40 to \$59	51	122	330	129	131	22	292	120	253	299	302	244
\$60 to \$79	147	138	347	138	187	30	148	253	250	261	269	311
\$80 to \$99	118	84	154	44	149	71	34	253	110	84	71	173
\$100 to \$149	139	44	168	48	185	59	29	233	56	31	37	111
\$150 to \$199	2	2	3	2	36	66	11	11	—	—	—	38
\$200 to \$249	—	1	—	—	—	—	—	—	—	—	—	—
\$250 or more	—	—	—	—	—	—	—	—	—	—	—	—
No cash rent	19	19	19	11	21	40	7	17	4	11	21	27
Median	\$83	\$67	\$65	\$64	\$82	\$98	\$53	\$83	\$63	\$59	\$59	\$68

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	Lawrence—Con.											
	Tract 2507	Tract 2508	Tract 2509	Tract 2510	Tract 2511	Tract 2512	Tract 2513	Tract 2514	Tract 2515	Tract 2516	Tract 2517	Tract 2518
All housing units	1 701	2 107	889	937	689	615	1 433	1 472	1 932	2 083	1 436	2 150
Vacant—seasonal and migratory.....	—	2	—	—	—	—	—	2	—	1	—	—
All year-round housing units	1 701	2 105	889	937	689	615	1 433	1 470	1 932	2 082	1 436	2 150
TENURE, RACE, AND VACANCY STATUS												
Owner occupied.....	416	910	129	125	93	38	195	558	606	528	540	1 476
Cooperative and condominium.....	—	5	—	—	—	—	—	5	6	8	—	9
White.....	415	907	127	125	92	38	189	555	605	527	536	1 475
Negro.....	—	—	—	—	—	—	—	—	—	—	—	—
Renter occupied.....	1 157	1 075	667	725	515	533	1 094	863	1 248	1 345	868	614
White.....	1 143	1 072	651	714	523	1 063	825	1 225	1 333	864	610	610
Negro.....	11	2	4	3	6	5	30	31	17	2	2	1
Vacant year-round.....	128	120	93	87	81	44	144	49	78	209	28	60
For sale only.....	17	8	4	3	1	1	—	—	7	18	1	9
Vacant less than 6 months.....	—	7	—	—	—	—	—	—	4	6	—	—
Median price asked.....	—	\$19 500	—	—	—	—	—	—	—	—	—	\$20 600
For rent.....	94	68	72	69	62	38	124	14	62	100	17	30
Vacant less than 2 months.....	37	56	40	15	51	11	74	5	36	41	12	24
Median rent asked.....	\$56	\$148	\$41	\$46	\$80	\$63	\$61	\$70	\$66	\$62	\$78	\$113
Other.....	17	44	17	15	18	5	19	35	9	91	10	21
LACKING SOME OR ALL PLUMBING FACILITIES												
All units.....	34	15	77	152	22	139	122	28	75	154	23	17
Owner occupied.....	2	4	2	7	4	2	3	8	7	7	12	6
Negro.....	—	—	—	—	—	—	—	—	—	—	—	—
Renter occupied.....	30	10	61	120	18	118	83	19	57	81	9	10
Negro.....	—	—	—	—	—	—	—	—	—	—	—	—
Vacant year-round.....	2	1	14	25	—	19	36	1	11	66	2	—
For sale only.....	—	—	—	—	—	—	—	—	3	10	—	—
For rent.....	2	—	6	19	—	14	32	1	5	12	—	—
COMPLETE KITCHEN FACILITIES AND ACCESS												
Lacking complete kitchen facilities.....	16	6	26	93	8	105	85	11	84	127	6	10
Access only through other living quarters.....	5	—	5	2	—	11	5	2	5	5	1	2
ROOMS												
1 room.....	12	8	19	52	9	174	76	2	40	89	2	9
2 rooms.....	13	8	38	31	24	67	56	11	85	61	11	16
3 rooms.....	193	164	122	110	143	110	148	79	220	187	126	120
4 rooms.....	377	477	241	230	202	151	467	258	407	391	323	403
5 rooms.....	474	717	325	336	170	69	444	517	622	681	435	745
6 rooms.....	505	518	121	134	105	26	173	435	387	470	428	606
7 rooms.....	77	123	16	23	20	5	42	95	102	128	69	179
8 rooms.....	28	60	—	12	10	5	13	45	52	46	28	54
9 rooms or more.....	22	30	7	9	6	8	14	28	17	29	14	18
Median.....	5.0	5.1	4.6	4.6	4.3	3.1	4.4	5.2	4.8	5.0	5.1	5.2
All occupied housing units	1 573	1 985	796	850	608	571	1 289	1 421	1 854	1 873	1 408	2 090
PERSONS												
1 person.....	404	356	278	315	215	351	449	237	484	518	259	236
2 persons.....	515	645	215	242	180	128	345	392	501	512	423	611
3 persons.....	269	395	122	131	85	40	157	242	292	317	241	406
4 persons.....	206	312	87	69	51	29	143	203	232	211	223	348
5 persons.....	97	153	47	49	33	12	66	163	139	144	114	241
6 persons or more.....	82	124	47	44	40	11	129	184	206	171	148	248
Median, all occupied units.....	2.2	2.5	2.1	2.0	2.0	1.3	2.1	2.8	2.4	2.3	2.6	3.0
Median, owner occupied units.....	2.3	2.7	2.2	2.3	2.4	1.7	2.7	2.9	3.0	2.7	2.9	3.3
Median, renter occupied units.....	2.2	2.4	2.0	1.9	1.9	1.3	1.9	2.8	2.2	2.2	2.4	2.3
Units with roomers, boarders, or lodgers.....	15	10	7	6	14	10	23	16	15	21	15	19
PERSONS PER ROOM												
1.00 or less.....	1 511	1 901	744	809	568	559	1 174	1 294	1 708	1 746	1 295	1 940
1.01 to 1.50.....	49	81	40	28	27	6	93	105	123	115	92	134
1.51 or more.....	13	3	12	13	13	6	22	22	23	12	21	16
Units with all plumbing facilities—1.01 or more.....	62	83	51	39	38	11	114	123	144	126	111	150
VALUE												
Specified owner occupied units ¹	85	463	26	29	23	11	96	257	314	223	310	1 237
Less than \$5,000.....	1	—	—	3	1	—	4	4	7	2	3	4
\$5,000 to \$7,499.....	4	10	5	3	1	—	14	4	11	3	3	4
\$7,500 to \$9,999.....	4	18	8	9	6	1	17	12	26	13	6	14
\$10,000 to \$14,999.....	29	114	10	6	5	3	42	41	89	65	38	162
\$15,000 to \$19,999.....	30	156	2	5	7	2	13	87	103	97	112	430
\$20,000 to \$24,999.....	9	104	—	1	2	1	4	59	53	31	83	368
\$25,000 to \$34,999.....	6	51	—	2	—	2	2	40	23	9	53	219
\$35,000 to \$49,999.....	2	8	—	—	1	—	—	8	1	3	11	32
\$50,000 or more.....	—	2	—	—	—	—	—	2	—	—	1	4
Median.....	\$15 600	\$17 800	\$9 700	\$9 900	\$14 100	\$18 100	\$11 500	\$19 000	\$16 200	\$16 200	\$19 700	\$20 100
CONTRACT RENT												
Specified renter occupied units ²	1 155	1 075	667	725	515	533	1 094	861	1 244	1 342	865	613
Less than \$30.....	33	27	63	105	6	13	28	14	20	48	9	8
\$30 to \$39.....	51	36	151	144	48	43	117	21	97	126	35	9
\$40 to \$59.....	317	195	279	255	128	90	449	167	319	418	168	101
\$60 to \$79.....	328	302	100	106	136	85	323	306	436	310	318	119
\$80 to \$99.....	195	184	36	69	125	65	120	234	198	198	178	113
\$100 to \$149.....	193	209	20	37	55	172	42	104	154	194	134	159
\$150 to \$199.....	10	88	—	1	7	54	3	2	2	28	9	87
\$200 to \$249.....	—	—	—	—	—	3	—	—	—	2	—	1
\$250 or more.....	1	—	—	—	—	1	—	—	—	—	—	1
No cash rent.....	27	34	18	7	10	7	12	13	18	18	14	15
Median.....	\$67	\$76	\$45	\$46	\$68	\$86	\$57	\$74	\$67	\$63	\$73	\$87

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 SMSA in Essex County, Mass.										
	Tract 2521	Tract 2522	Tract 2523	Tract 2524	Tract 2525	Tract 2526	Tract 2531	Tract 2532	Tract 2541	Tract 2542	Tract 2543
All housing units	1 759	1 421	2 147	1 523	2 509	2 144	1 999	2 949	1 932	1 677	1 696
Vacant—seasonal and migratory	2	20	—	—	1	36	1	4	1	3	10
All year-round housing units	1 757	1 401	2 147	1 523	2 508	2 108	1 998	2 945	1 931	1 674	1 686
TENURE, RACE, AND VACANCY STATUS											
Owner occupied	1 388	1 192	1 055	551	1 886	1 464	1 197	1 724	1 267	872	1 259
Cooperative and condominium	7	—	6	—	10	10	—	—	—	—	—
White	1 383	1 190	1 051	550	1 878	1 459	1 193	1 720	1 266	870	1 252
Negro	4	—	1	1	1	4	1	1	1	1	4
Renter occupied	328	175	1 040	910	550	412	766	1 027	575	778	380
White	328	174	1 034	901	548	411	765	1 018	572	771	377
Negro	—	—	3	8	1	—	1	1	—	7	1
Vacant year-round	41	34	52	62	72	232	35	194	89	24	47
For sale only	14	4	3	2	31	26	1	8	4	4	16
Vacant less than 6 months	11	—	—	—	30	23	—	8	—	—	14
Median price asked	\$25 000	—	—	—	\$29 200	\$25 000	—	50000+	—	—	\$45 000
For rent	18	—	36	—	21	124	16	105	65	9	19
Vacant less than 2 months	16	18	11	42	17	6	10	88	58	4	12
Median rent asked	\$155	\$163	\$99	\$64	\$131	\$168	\$112	\$230	\$262	\$86	\$144
Other	9	9	13	3	20	82	18	81	20	11	12
LACKING SOME OR ALL PLUMBING FACILITIES											
All units	27	17	22	32	31	124	14	25	15	26	14
Owner occupied	21	11	7	5	18	67	4	18	5	8	10
Negro	—	—	—	—	—	—	—	—	—	—	—
Renter occupied	5	4	13	25	5	13	9	6	10	16	4
Negro	—	—	—	—	—	—	—	—	—	—	—
Vacant year-round	1	2	2	2	8	44	1	1	—	2	—
For sale only	1	—	—	—	—	7	—	—	—	—	—
For rent	—	—	1	2	—	2	1	1	—	1	—
COMPLETE KITCHEN FACILITIES AND ACCESS											
Lacking complete kitchen facilities	4	1	15	21	21	46	6	11	13	20	8
Access only through other living quarters	1	1	5	4	—	2	2	3	1	3	1
ROOMS											
1 room	5	2	21	12	11	15	28	4	16	19	18
2 rooms	9	27	156	8	20	31	83	23	36	105	46
3 rooms	94	44	278	115	127	235	101	165	142	209	76
4 rooms	249	238	437	452	355	428	273	793	363	229	166
5 rooms	496	478	492	457	641	633	438	530	323	252	191
6 rooms	556	385	479	351	789	468	611	606	491	384	341
7 rooms	239	156	176	84	344	180	292	384	284	221	305
8 rooms	76	53	61	29	126	77	112	259	180	129	259
9 rooms or more	33	18	47	15	95	41	60	181	96	126	284
Median	5.5	5.3	4.9	4.9	5.6	5.0	5.6	5.4	5.7	5.6	6.5
All occupied housing units	1 716	1 367	2 095	1 461	2 436	1 876	1 963	2 751	1 842	1 650	1 639
PERSONS											
1 person	189	107	490	278	289	217	330	330	263	426	197
2 persons	472	327	674	417	739	557	539	799	575	434	409
3 persons	319	280	376	283	532	350	367	498	310	253	254
4 persons	325	243	245	210	408	325	308	477	305	219	308
5 persons	209	189	163	138	255	224	208	342	210	148	245
6 persons or more	202	221	147	135	213	203	211	305	179	170	226
Median, all occupied units	3.1	3.4	2.3	2.6	2.9	3.0	2.8	3.0	2.8	2.4	3.3
Median, owner occupied units	3.4	3.5	3.0	2.7	3.1	3.3	3.2	3.5	3.3	3.0	3.7
Median, renter occupied units	2.3	2.5	1.9	2.6	2.2	2.2	2.3	2.4	2.1	1.9	2.2
Units with roomers, boarders, or lodgers	10	8	21	20	13	14	17	23	10	14	17
PERSONS PER ROOM											
1.00 or less	1 624	1 245	2 022	1 355	2 357	1 750	1 865	2 640	1 750	1 554	1 603
1.01 to 1.50	80	107	59	89	73	108	82	94	70	69	31
1.51 or more	12	15	14	17	6	18	16	17	22	27	5
Units with all plumbing facilities—1.01 or more	92	122	72	105	76	123	97	108	91	95	36
VALUE											
Specified owner occupied units¹	1 171	1 090	730	314	1 582	1 263	902	1 484	1 146	714	1 206
Less than \$5,000	9	9	3	6	11	42	4	15	2	—	3
\$5,000 to \$7,499	19	14	12	11	7	48	4	7	—	2	3
\$7,500 to \$9,999	30	42	30	14	15	59	20	19	6	4	15
\$10,000 to \$14,999	163	184	149	72	123	242	75	90	54	36	68
\$15,000 to \$19,999	403	426	286	129	407	343	223	190	175	130	140
\$20,000 to \$24,999	317	283	163	56	478	293	249	325	302	163	178
\$25,000 to \$34,999	198	109	77	21	397	200	247	419	334	233	242
\$35,000 to \$49,999	27	22	8	3	120	34	68	275	211	102	339
\$50,000 or more	5	1	2	2	24	2	12	144	62	44	218
Median	\$19 500	\$18 700	\$17 800	\$17 200	\$22 400	\$18 600	\$22 500	\$27 300	\$26 000	\$25 900	\$33 100
CONTRACT RENT											
Specified renter occupied units²	328	174	1 037	910	549	409	763	989	569	774	363
Less than \$30	8	4	17	21	7	17	7	11	5	8	3
\$30 to \$39	4	—	16	22	6	2	6	3	2	5	—
\$40 to \$59	22	12	173	204	56	34	171	27	15	99	7
\$60 to \$79	60	23	218	325	112	49	157	47	24	99	14
\$80 to \$99	84	32	159	156	86	34	153	41	24	168	19
\$100 to \$149	115	46	398	163	237	155	200	118	169	283	60
\$150 to \$199	17	—	21	3	16	69	35	523	169	68	105
\$200 to \$249	—	—	3	1	1	—	—	72	98	10	42
\$250 or more	1	—	—	—	—	2	13	72	30	2	18
No cash rent	17	8	—	15	28	4	—	92	10	34	95
Median	\$94	\$113	\$89	\$70	\$98	\$125	\$83	\$171	\$155	\$99	\$165

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 SMSA in Essex County, Mass.—Con.					Part in Rockingham County, N.H.					
	Tract 2544	Tract 2621	Tract 2631	Tract 2641	Tract 2651	Tract 0001	Tract 0002	Tract 0003	Tract 0004	Tract 0011	Tract 0021
All housing units	1 840	1 340	690	1 511	1 549	1 268	1 464	1 926	2 137	1 424	676
Vacant—seasonal and migratory.....	1	22	6	2	36	505	76	66	2	29	80
All year-round housing units	1 839	1 318	684	1 509	1 513	763	1 388	1 860	2 135	1 395	596
TENURE, RACE, AND VACANCY STATUS											
Owner occupied.....	1 625	983	595	1 266	1 200	586	1 130	1 306	1 518	1 135	472
Cooperative and condominium.....	—	—	5	5	—	—	—	—	—	—	—
White.....	1 613	981	590	1 258	1 197	586	1 126	1 302	1 513	1 133	470
Negro.....	6	1	3	2	1	—	—	—	—	—	—
Renter occupied.....	173	295	57	213	247	109	211	471	3	—	1
White.....	171	295	57	213	246	108	208	469	555	222	93
Negro.....	1	—	—	—	—	1	—	—	—	—	—
Vacant year-round.....	41	40	32	30	66	68	47	83	59	37	2
For sale only.....	13	9	4	4	14	5	13	19	16	6	31
Vacant less than 6 months.....	9	6	—	—	11	2	12	19	16	6	1
Median price asked.....	\$35 000	\$8 100	...	...	\$34 000	\$21 300	\$19 400	\$27 300	\$22 000	\$18 800	...
For rent.....	12	10	5	7	4	15	19	22	29	6	8
Vacant less than 2 months.....	7	4	4	2	—	3	19	19	27	4	3
Median rent asked.....	\$131	\$103	\$131	\$85	...	\$110	\$156	\$163	\$132	\$90	\$88
Other.....	16	21	23	19	48	48	15	42	14	25	22
LACKING SOME OR ALL PLUMBING FACILITIES											
All units.....	16	47	46	43	69	75	13	31	37	39	41
Owner occupied.....	11	30	25	32	41	34	11	13	17	29	22
Negro.....	—	—	—	—	—	—	—	—	—	—	—
Renter occupied.....	3	11	5	6	19	7	—	7	13	6	11
Negro.....	—	—	—	—	—	—	—	—	—	—	—
Vacant year-round.....	2	6	16	5	9	34	2	11	7	4	8
For sale only.....	1	2	—	—	—	2	—	2	—	1	—
For rent.....	—	1	—	1	—	7	—	1	2	—	1
COMPLETE KITCHEN FACILITIES AND ACCESS											
Lacking complete kitchen facilities.....	9	8	22	7	16	16	2	6	10	13	11
Access only through other living quarters.....	2	1	—	—	1	—	—	1	1	—	—
ROOMS											
1 room.....	3	5	2	3	9	3	3	33	30	2	2
2 rooms.....	23	19	3	5	22	15	20	19	41	9	9
3 rooms.....	39	83	24	55	69	63	47	131	251	68	33
4 rooms.....	108	297	56	202	199	274	290	482	441	248	145
5 rooms.....	244	295	110	349	355	201	485	553	603	379	131
6 rooms.....	423	283	168	406	382	109	315	383	465	351	144
7 rooms.....	431	171	134	285	241	43	137	154	202	186	85
8 rooms.....	362	94	102	124	142	29	66	63	76	110	24
9 rooms or more.....	206	71	85	80	94	26	25	42	26	42	23
Median.....	6.7	5.4	6.4	5.8	5.8	4.6	5.2	5.0	5.0	5.5	5.3
All occupied housing units	1 798	1 278	652	1 479	1 447	695	1 341	1 777	2 076	1 358	565
PERSONS											
1 person.....	102	187	87	147	148	92	108	211	213	131	70
2 persons.....	349	382	162	352	349	214	276	513	591	389	151
3 persons.....	301	188	95	236	252	133	223	342	391	221	106
4 persons.....	425	209	124	288	274	99	327	284	396	248	94
5 persons.....	291	133	92	234	203	81	213	210	231	193	72
6 persons or more.....	330	179	92	222	221	76	194	217	254	176	72
Median, all occupied units.....	3.8	2.9	3.3	3.5	3.4	2.8	3.7	3.0	3.1	3.2	3.1
Median, owner occupied units.....	3.9	2.9	3.4	3.7	3.6	2.8	3.8	3.3	3.6	3.4	3.2
Median, renter occupied units.....	2.8	2.7	2.1	2.4	2.4	2.9	2.7	2.4	2.2	2.6	2.7
Units with roomers, boarders, or lodgers.....	12	26	7	6	12	3	11	26	30	12	12
PERSONS PER ROOM											
1.00 or less.....	1 735	1 177	625	1 390	1 348	650	1 223	1 662	1 925	1 275	516
1.01 to 1.50.....	58	96	23	76	88	41	102	95	131	75	42
1.51 or more.....	5	5	4	13	11	4	16	20	20	8	7
Units with all plumbing facilities—1.01 or more.....	62	98	25	86	98	41	118	115	146	79	47
VALUE											
Specified owner occupied units ¹	1 506	707	447	1 125	1 066	406	1 037	971	1 302	989	362
Less than \$5,000.....	—	21	6	14	7	16	3	5	7	16	9
\$5,000 to \$7,499.....	5	44	8	32	18	18	13	11	13	31	22
\$7,500 to \$9,999.....	12	73	25	50	32	33	23	24	22	41	41
\$10,000 to \$14,999.....	70	208	69	180	184	101	141	126	119	212	136
\$15,000 to \$19,999.....	140	196	108	361	325	108	396	378	467	340	90
\$20,000 to \$24,999.....	189	80	96	333	238	69	333	249	478	199	41
\$25,000 to \$34,999.....	456	72	91	112	189	31	117	144	184	130	20
\$35,000 to \$49,999.....	472	8	37	35	67	18	9	25	9	17	3
\$50,000 or more.....	162	5	7	8	6	12	2	9	3	3	—
Median.....	\$32 400	\$15 200	\$20 400	\$19 100	\$19 500	\$16 500	\$19 400	\$19 300	\$20 200	\$17 900	\$13 900
CONTRACT RENT											
Specified renter occupied units ²	167	289	51	209	235	104	210	467	556	219	86
Less than \$30.....	9	6	2	8	4	2	6	3	7	8	—
\$30 to \$39.....	2	8	—	1	13	—	1	3	3	3	4
\$40 to \$59.....	12	23	1	15	13	10	5	38	7	5	5
\$60 to \$79.....	12	41	18	29	20	4	14	7	18	16	8
\$80 to \$99.....	20	68	9	27	35	3	17	22	28	25	8
\$100 to \$149.....	71	99	3	81	115	45	78	194	406	65	49
\$150 to \$199.....	10	18	2	32	15	26	72	179	60	74	1
\$200 to \$249.....	4	1	2	1	—	3	4	2	8	8	—
\$250 or more.....	5	1	—	—	—	—	—	—	1	1	—
No cash rent.....	22	24	14	15	31	11	13	18	18	14	11
Median.....	\$111	\$94	\$70	\$111	\$112	\$134	\$139	\$141	\$134	\$132	\$121

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	Part in Essex County, Mass.					Part in Rockingham County, N.H.	Haverhill				
	Total SMSA	Total	Haverhill	Lawrence	Balconc		Tract 2601	Tract 2602	Tract 2603	Tract 2604	Tract 2605
All year-round housing units	77 825	69 541	16 108	24 901	28 532	8 284	2 151	1 411	2 094	1 152	1 128
UNITS IN STRUCTURE											
1 (includes mobile home or trailer)	37 060	30 248	6 896	4 614	18 738	6 812	199	169	1 543	1 025	752
2	14 440	14 129	4 048	5 707	4 374	311	437	339	339	94	305
3 and 4	13 425	13 179	2 526	8 612	2 041	246	429	225	103	16	34
5 to 49	12 323	11 412	2 442	5 623	3 347	911	1 074	509	100	17	47
50 or more	577	573	196	345	32	4	12	169	9	-	-
YEAR STRUCTURE BUILT											
1969 to March 1970	2 727	2 050	136	406	1 508	677	6	74	21	9	10
1965 to 1968	6 164	4 338	404	789	3 145	1 826	-	82	66	57	9
1960 to 1964	6 059	4 883	613	819	3 451	1 976	5	6	170	83	51
1950 to 1959	8 731	7 354	1 342	1 444	4 568	1 377	24	38	270	231	170
1940 to 1949	4 834	4 249	668	1 527	2 054	585	44	46	71	103	55
1939 or earlier	48 510	46 667	12 945	19 916	13 806	1 843	2 072	1 165	1 496	669	843
HEATING EQUIPMENT											
Steam or hot water	47 951	42 705	9 651	14 397	18 657	5 246	1 511	1 102	1 123	551	883
Warm air furnace	14 085	12 045	4 012	2 045	5 988	2 040	243	232	748	480	224
Built-in electric units	2 285	2 041	277	451	1 313	244	23	10	32	53	10
Floor, wall, or pipeless furnace	1 077	1 002	324	201	477	75	51	10	43	27	16
Other means or not heated	12 427	11 748	1 844	7 807	2 097	679	323	57	148	41	5
BASEMENT											
All units with basement	72 676	66 106	15 735	24 104	26 267	6 570	2 095	1 348	2 002	1 130	1 128
One-family houses with basement	34 527	28 956	6 748	4 480	17 728	5 571	195	159	1 504	1 003	742
SELECTED EQUIPMENT											
With more than 1 bathroom	13 989	12 501	2 413	1 850	8 238	1 488	126	122	427	303	361
With public water supply	73 445	68 206	15 765	24 875	27 566	5 239	2 156	1 411	1 946	1 019	1 167
With public sewer	57 674	56 227	13 627	24 867	17 733	1 447	2 148	1 411	1 337	1 167	1 120
With air conditioning	15 620	13 686	2 704	3 708	7 274	1 934	108	268	448	146	410
Room unit(s)	15 120	13 276	2 609	3 662	7 005	1 844	108	257	442	146	363
Central system	500	410	95	46	269	90	-	11	6	-	47
All occupied housing units	73 766	65 874	15 232	23 229	27 413	7 892	1 890	1 325	2 043	1 111	1 147
YEAR MOVED INTO UNIT											
1968 to March 1970	19 404	16 642	3 663	6 120	6 859	2 762	796	578	352	174	147
1965 to 1967	12 768	11 047	2 310	3 997	4 740	1 721	388	231	202	158	158
1960 to 1964	13 468	11 744	2 552	3 844	5 348	1 724	279	140	366	215	188
1950 to 1959	14 179	13 121	3 019	4 318	5 784	1 058	171	158	557	301	337
1949 or earlier	13 947	13 320	3 688	4 950	4 682	627	256	218	566	263	317
AUTOMOBILES AVAILABLE											
1	39 117	34 875	8 173	12 409	14 293	4 242	658	663	1 186	648	602
2	18 015	15 106	2 925	3 054	9 127	2 909	80	138	551	316	362
3 or more	2 656	2 249	378	317	1 554	407	5	5	61	41	45
None	13 978	13 644	3 756	7 449	2 439	334	1 147	519	245	106	138
GROSS RENT											
Specified renter occupied units ¹	31 856	30 188	6 890	15 490	7 808	1 668	1 599	1 021	438	138	238
Less than \$40	589	584	53	515	16	5	30	7	-	-	-
\$40 to \$59	2 520	2 485	551	1 561	373	35	260	64	8	-	10
\$60 to \$79	4 707	4 650	1 230	2 824	596	57	481	197	94	5	21
\$80 to \$99	6 128	5 984	1 542	3 367	1 075	142	328	266	82	17	30
\$100 to \$149	12 126	11 541	2 829	5 831	2 881	585	451	454	152	72	114
\$150 to \$199	3 945	3 239	425	1 030	1 784	706	18	29	66	28	35
\$200 to \$249	696	629	33	62	534	67	-	-	5	-	11
\$250 or more	191	179	-	10	169	12	-	-	-	-	-
No cash rent	956	897	227	290	380	59	31	4	31	16	17
Median	\$105	\$103	\$99	\$96	\$129	\$149	\$81	\$98	\$106	\$119	\$128
GROSS RENT AS PERCENTAGE OF INCOME BY INCOME											
Specified renter occupied units ¹	31 856	30 188	6 890	15 490	7 808	1 668	1 599	1 021	438	138	238
Less than \$5,000	11 645	11 332	3 226	5 966	2 140	313	1 032	553	171	50	112
Less than 20 percent	797	774	176	538	60	23	73	20	-	-	-
20 to 24 percent	1 048	1 028	227	655	146	20	71	38	9	-	10
25 to 34 percent	2 293	2 265	709	1 252	304	28	255	154	25	13	17
35 percent or more	6 552	6 350	1 863	3 101	1 386	202	598	327	123	26	73
Not computed	955	915	251	420	244	40	35	14	14	11	12
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	11 250	10 558	2 395	5 407	2 756	692	433	336	147	67	68
Less than 20 percent	6 419	6 223	1 423	3 541	1 259	196	328	178	61	35	29
20 to 24 percent	2 518	2 338	628	1 092	618	180	62	111	42	6	22
25 to 34 percent	1 710	1 486	254	600	632	224	30	47	22	21	17
35 percent or more	329	266	16	74	176	63	-	-	-	-	-
Not computed	274	245	74	100	71	29	-	-	-	-	-
Median	18.7	18.4	18.5	17.5	20.7	23.8	13	19.3	20.5	19.2	21.1
\$10,000 to \$14,999	6 219	5 794	991	2 913	1 890	425	111	89	100	17	34
25 percent or more	38	38	-	-	38	-	-	-	-	-	-
Not computed	154	154	36	34	84	-	-	-	-	-	5
Median	12.9	12.7	11.9	11.9	14.8	15.7	10.0	12.1	11.8	...	17.0
\$15,000 or more	2 742	2 504	278	1 204	1 022	238	23	43	20	4	24
25 percent or more	-	-	-	-	-	-	-	-	-	-	-
Not computed	139	139	17	26	96	-	-	-	-	-	-
Median	10.0-	10.0-	10.0-	10.0-	10.8	11.8	...	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	Haverhill—Con.						Lawrence					
	Tract 2606	Tract 2607	Tract 2608	Tract 2609	Tract 2610	Tract 2611	Tract 2501	Tract 2502	Tract 2503	Tract 2504	Tract 2505	Tract 2506
All year-round housing units	1 097	1 029	1 897	1 096	1 554	1 489	746	1 680	998	1 212	1 211	1 618
UNITS IN STRUCTURE												
1 (includes mobile home or trailer)	435	459	226	405	577	1 106	12	383	92	119	101	155
2	383	201	800	412	515	223	33	662	205	186	163	683
3 and 4	194	294	574	243	352	62	52	506	406	638	766	683
5 to 49	85	75	297	36	104	98	487	129	295	269	181	97
50 or more	-	-	-	-	6	-	162	-	-	-	-	-
YEAR STRUCTURE BUILT												
1969 to March 1970	-	-	-	11	-	5	-	-	-	36	-	15
1965 to 1968	-	26	-	41	40	83	5	16	-	-	6	22
1960 to 1964	56	50	25	33	47	87	12	48	-	-	-	5
1950 to 1959	24	158	26	147	55	199	-	69	-	-	7	15
1940 to 1949	54	35	53	79	70	58	5	85	32	42	71	37
1939 or earlier	963	760	1 793	785	1 342	1 057	724	1 462	966	1 134	1 127	1 524
HEATING EQUIPMENT												
Steam or hot water	536	426	946	577	934	1 062	600	1 340	459	337	443	1 104
Warm air furnace	424	361	291	246	420	343	-	92	63	93	61	52
Built-in electric units	-	20	17	9	93	10	-	11	7	51	-	9
Floor, wall, or pipeless furnace	38	20	16	35	25	43	5	5	10	7	4	11
Other means or not heated	99	202	627	229	82	31	141	232	459	724	703	442
BASEMENT												
All units with basement	1 086	993	1 886	1 091	1 508	1 468	704	1 680	998	1 186	1 205	1 606
One-family houses with basement	435	423	226	400	572	1 089	12	383	92	115	97	155
SELECTED EQUIPMENT												
With more than 1 bathroom	91	133	104	147	170	429	-	252	63	31	77	155
With public water supply	1 097	1 014	1 897	1 060	1 554	1 444	730	1 696	1 007	1 196	1 211	1 618
With public sewer	1 058	893	1 897	992	1 534	1 070	730	1 696	1 014	1 188	1 211	1 618
With air conditioning	196	180	249	168	228	303	30	276	134	81	154	302
Room unit(s)	190	180	242	162	228	291	30	276	134	81	154	295
Central system	6	-	7	6	-	12	-	-	-	-	-	7
All occupied housing units	1 067	982	1 689	1 022	1 505	1 451	646	1 634	917	1 087	1 084	1 543
YEAR MOVED INTO UNIT												
1968 to March 1970	244	214	379	257	352	170	284	381	292	392	214	354
1965 to 1967	116	163	277	105	287	225	100	300	130	186	229	228
1960 to 1964	229	206	276	151	215	287	84	280	79	188	225	243
1950 to 1959	238	181	217	264	213	382	99	337	214	169	195	232
1949 or earlier	240	218	540	245	438	387	79	336	202	152	221	486
AUTOMOBILES AVAILABLE												
1	636	644	951	570	795	820	210	950	415	586	540	959
2	194	166	198	196	304	420	7	284	67	99	132	246
3 or more	18	37	14	21	47	84	-	27	6	15	-	30
None	219	135	526	235	359	127	429	373	429	387	412	308
GROSS RENT												
Specified renter occupied units ¹	490	424	1 107	399	724	312	618	921	716	792	794	950
Less than \$40	-	-	10	6	-	-	70	-	9	29	15	-
\$40 to \$59	26	42	49	32	51	9	241	34	48	56	48	17
\$60 to \$79	39	65	198	51	57	22	150	88	120	119	119	152
\$80 to \$99	115	91	329	119	138	27	43	123	219	275	182	256
\$100 to \$149	262	169	491	185	359	120	81	518	279	269	366	387
\$150 to \$199	30	26	14	4	84	91	17	142	32	14	50	91
\$200 to \$249	-	8	-	-	-	9	-	-	-	6	-	20
\$250 or more	-	-	-	-	-	-	-	-	-	6	-	-
No cash rent	18	23	16	2	35	34	16	16	9	18	14	27
Median	\$106	\$100	\$98	\$98	\$109	\$132	\$59	\$118	\$95	\$94	\$102	\$104
GROSS RENT AS PERCENTAGE OF INCOME BY INCOME												
Specified renter occupied units ¹	490	424	1 107	399	724	312	618	921	716	792	794	950
Less than \$5,000	188	164	387	181	298	90	360	211	335	350	331	259
Less than 20 percent	14	7	10	28	16	8	89	11	32	30	25	10
20 to 24 percent	20	28	22	8	21	-	34	-	30	48	4	22
25 to 34 percent	60	18	81	52	24	10	101	26	75	47	67	53
35 percent or more	75	99	216	78	196	52	121	149	177	214	217	153
Not computed	19	12	58	15	41	20	15	25	21	11	18	21
Median	33.4	35.0+	35.0+	34.0	35.0+	35.0+	29.9	35.0+	35.0+	35.0+	35.0+	35.0+
\$5,000 to \$9,999	199	166	477	112	280	110	220	386	228	267	287	348
Less than 20 percent	117	111	294	67	153	50	175	197	134	204	141	221
20 to 24 percent	56	36	168	32	80	13	23	112	65	32	82	78
25 to 34 percent	26	11	9	13	25	33	11	55	19	24	58	43
35 percent or more	-	-	6	-	5	-	-	16	6	-	6	6
Not computed	-	8	-	-	17	14	11	6	4	7	-	-
Median	18.8	17.9	18.5	18.5	19.1	19.8	12.8	19.7	18.3	16.3	20.2	18.1
\$10,000 to \$14,999	71	73	177	95	131	93	27	210	128	116	136	246
25 percent or more	-	-	-	-	-	-	-	-	-	-	-	-
Not computed	8	11	-	-	7	5	-	5	-	-	-	-
Median	12.3	10.5	10.9	11.7	12.5	13.5	10.0-	13.4	11.6	11.2	10.7	12.5
\$15,000 or more	32	21	66	11	15	19	11	114	25	59	40	97
25 percent or more	-	-	11	-	-	-	-	-	-	5	4	6
Not computed	-	-	-	2	-	-	-	-	-	-	-	-
Median	10.0-	...	10.0-	...	...	...	...	10.0-	10.0-	10.0-	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	Lawrence—Con.											
	Tract 2507	Tract 2508	Tract 2509	Tract 2510	Tract 2511	Tract 2512	Tract 2513	Tract 2514	Tract 2515	Tract 2516	Tract 2517	Tract 2518
All year-round housing units	1 701	2 103	1 055	771	670	634	1 433	1 468	1 932	2 083	1 436	2 150
UNITS IN STRUCTURE												
1 (includes mobile home or trailer)	118	525	51	85	29	34	150	342	402	311	330	1 375
2	424	576	122	109	98	14	211	519	491	456	351	404
3 and 4	886	751	489	320	285	67	386	359	709	707	392	210
5 to 49	269	251	275	257	246	504	681	233	321	609	363	156
50 or more	4	-	118	-	12	15	5	15	9	-	-	5
YEAR STRUCTURE BUILT												
1949 to March 1970	4	183	-	-	20	41	-	-	-	28	-	79
1965 to 1968	50	35	69	-	12	149	9	5	77	42	57	235
1960 to 1964	4	53	20	-	44	50	36	32	124	82	49	260
1950 to 1959	21	72	6	-	49	15	15	195	207	28	256	489
1940 to 1949	52	108	55	-	20	6	190	100	130	125	188	281
1939 or earlier	1 570	1 652	905	771	525	373	1 183	1 136	1 394	1 778	886	806
HEATING EQUIPMENT												
Steam or hot water	921	1 362	251	264	448	499	728	1 087	1 279	970	982	1 323
Warm air furnace	56	178	76	58	50	62	41	129	197	236	168	433
Built-in electric units	25	55	88	-	17	17	-	-	13	16	27	115
Floor, wall, or pipeless furnace	-	35	-	11	-	35	-	6	12	12	8	40
Other means or not heated	699	473	640	438	155	21	664	246	431	849	251	239
BASEMENT												
All units with basement	1 659	1 907	1 042	757	658	537	1 399	1 458	1 898	2 026	1 391	1 993
One-family houses with basement	113	521	51	85	29	34	150	337	397	311	325	1 273
SELECTED EQUIPMENT												
With more than 1 bathroom	89	166	24	9	30	14	41	173	162	66	126	372
With public water supply	1 701	2 101	1 051	775	666	638	1 427	1 463	1 926	2 083	1 436	2 150
With public sewer	1 701	2 094	1 051	775	666	638	1 433	1 472	1 932	2 083	1 415	2 150
With air conditioning	301	500	73	71	85	119	79	239	229	297	228	510
Room unit(s)	301	500	73	66	85	119	79	239	214	297	217	502
Central system	-	-	-	5	-	-	-	-	15	-	11	8
All occupied housing units	1 573	1 985	966	680	614	565	1 289	1 421	1 854	1 873	1 408	2 090
YEAR MOVED INTO UNIT												
1968 to March 1970	392	519	305	128	116	213	395	466	395	538	334	402
1965 to 1967	270	308	203	132	102	183	250	232	406	233	233	272
1960 to 1964	200	252	127	112	165	29	225	179	331	326	322	477
1950 to 1959	277	363	131	155	143	37	207	209	384	335	270	561
1949 or earlier	434	543	200	153	88	103	212	335	338	441	249	378
AUTOMOBILES AVAILABLE												
1	899	1 331	361	311	182	158	493	786	1 064	999	842	1 323
2	182	355	34	27	115	48	98	197	179	240	215	529
3 or more	17	27	7	-	-	-	12	13	34	33	12	84
None	475	272	564	342	317	359	686	425	577	601	339	154
GROSS RENT												
Specified renter occupied units ¹	1 152	1 075	819	573	526	522	1 094	863	1 248	1 345	868	614
Less than \$40	5	-	21	23	40	28	106	5	88	49	27	-
\$40 to \$59	51	32	197	79	75	108	201	80	133	120	31	10
\$60 to \$79	195	119	232	184	71	62	314	109	241	313	170	66
\$80 to \$99	278	259	163	121	116	59	249	167	279	294	173	111
\$100 to \$149	507	512	173	150	202	166	201	454	447	454	408	257
\$150 to \$199	85	118	15	10	11	76	18	34	40	91	44	142
\$200 to \$249	5	-	-	-	-	13	-	5	5	4	-	4
\$250 or more	4	-	-	-	-	-	-	-	-	-	-	-
No cash rent	22	35	18	6	11	10	5	9	15	20	15	24
Median	\$103	\$110	\$74	\$80	\$89	\$98	\$75	\$106	\$90	\$92	\$102	\$120
GROSS RENT AS PERCENTAGE OF INCOME BY INCOME												
Specified renter occupied units ¹	1 152	1 075	819	573	526	522	1 094	863	1 248	1 345	868	614
Less than \$5,000	401	245	439	293	254	231	569	296	502	479	274	137
Less than 20 percent	19	5	45	41	42	29	60	5	20	56	14	5
20 to 24 percent	26	44	29	19	34	24	89	33	64	85	44	26
25 to 34 percent	76	35	114	42	56	35	164	75	68	126	61	31
35 percent or more	259	146	227	161	111	109	231	144	273	200	139	70
Not computed	21	15	24	30	11	34	25	39	77	12	16	5
Median	35.0+	35.0+	35.0+	35.0+	33.1	35.0+	32.5	35.0+	35.0+	32.3	35.0+	35.0+
\$5,000 to \$9,999	430	375	221	163	189	205	316	346	393	443	357	233
Less than 20 percent	281	261	168	131	91	139	238	237	283	319	204	117
20 to 24 percent	81	58	36	32	65	30	51	70	72	66	83	56
25 to 34 percent	54	41	17	-	33	25	27	35	26	39	60	33
35 percent or more	8	5	-	-	-	-	-	-	-	6	9	9
Not computed	6	10	-	-	-	-	-	-	6	6	-	18
Median	17.9	17.9	14.8	13.9	20.3	16.2	15.2	18.1	17.2	16.1	18.8	19.3
\$10,000 to \$14,999	208	339	115	86	47	42	142	159	264	347	121	180
25 percent or more	-	-	-	-	-	-	-	-	-	-	-	-
Not computed	-	5	-	6	-	-	-	-	5	7	-	6
Median	10.4	12.5	10.0-	11.5	10.0-	15.0	10.0-	12.2	12.2	11.9	12.8	12.5
\$15,000 or more	113	116	44	31	36	44	67	62	89	76	116	64
25 percent or more	-	-	-	-	-	-	-	-	-	-	-	-
Not computed	6	5	-	-	-	-	-	-	-	-	-	-
Median	10.0-	10.0-	10.0-	10.0-	10.0-	10.0-	10.0-	10.0-	10.0-	10.0-	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 SMSA in Essex County, Mass.										
	Tract 2521	Tract 2522	Tract 2523	Tract 2524	Tract 2525	Tract 2526	Tract 2531	Tract 2532	Tract 2541	Tract 2542	Tract 2543
All year-round housing units	1 751	1 408	2 147	1 523	2 509	2 126	1 992	2 949	1 928	1 674	1 712
UNITS IN STRUCTURE											
1 (includes mobile home or trailer)	1 272	1 196	784	376	1 717	1 511	992	1 726	1 230	801	1 393
2	355	118	565	463	473	266	600	275	185	373	75
3 and 4	78	24	259	481	173	38	218	71	166	223	30
5 to 49	46	70	523	203	146	311	182	877	347	267	214
50 or more	-	-	16	-	-	-	-	-	-	10	-
YEAR STRUCTURE BUILT											
1969 to March 1970	36	64	118	18	61	258	29	410	82	28	200
1965 to 1968	122	207	201	59	247	268	87	791	185	37	203
1960 to 1964	215	254	141	24	228	199	168	373	293	98	232
1950 to 1959	247	166	128	210	569	309	215	490	317	280	388
1940 to 1949	178	143	103	86	258	163	267	116	152	131	108
1939 or earlier	953	574	1 456	1 126	1 146	929	1 226	769	899	1 100	581
HEATING EQUIPMENT											
Steam or hot water	1 261	976	1 481	744	1 948	1 361	1 479	2 036	1 459	1 171	1 250
Warm air furnace	352	300	283	266	272	439	250	389	354	273	305
Built-in electric units	27	43	123	23	100	34	77	343	55	125	98
Floor, wall, or pipeless furnace	15	32	44	7	29	32	23	48	29	11	5
Other means or not heated	96	57	216	483	160	260	163	133	31	94	54
BASEMENT											
All units with basement	1 703	1 321	1 916	1 458	2 345	1 875	1 932	2 531	1 669	1 612	1 599
One-family houses with basement	1 228	1 153	784	349	1 616	1 423	975	1 651	1 138	794	1 322
SELECTED EQUIPMENT											
With more than 1 bathroom	318	279	282	143	773	413	508	1 134	658	405	944
With public water supply	1 671	1 383	2 140	1 523	2 489	1 967	1 990	2 796	1 927	1 669	1 608
With public sewer	910	636	2 043	1 523	2 409	1 142	1 990	1 960	1 721	1 658	621
With air conditioning	421	278	569	201	557	543	614	1 306	690	245	564
Room unit(s)	400	269	562	201	527	524	606	1 275	676	232	524
Central system	21	9	7	-	30	19	8	31	14	13	40
All occupied housing units	1 716	1 367	2 095	1 461	2 436	1 876	1 958	2 751	1 842	1 650	1 653
YEAR MOVED INTO UNIT											
1968 to March 1970	251	232	634	394	453	360	396	1 011	492	426	446
1965 to 1967	325	319	200	277	349	254	373	479	376	231	325
1960 to 1964	318	267	340	251	433	401	397	447	343	346	388
1950 to 1959	353	291	414	400	665	447	443	518	328	356	312
1949 or earlier	469	258	507	139	536	414	349	296	303	291	182
AUTOMOBILES AVAILABLE											
1	958	764	1 161	828	1 430	1 109	1 045	1 413	979	910	601
2	576	486	422	289	690	482	522	1 038	652	376	858
3 or more	82	64	84	12	134	136	92	208	97	103	163
None	100	53	428	332	182	149	299	92	114	261	31
GROSS RENT											
Specified renter occupied units ¹	328	175	1 040	910	545	408	762	993	563	766	361
Less than \$40	-	-	-	-	-	-	-	4	6	-	-
\$40 to \$59	6	-	153	7	10	-	68	3	16	80	-
\$60 to \$79	14	5	128	146	45	23	78	20	-	67	-
\$80 to \$99	64	11	125	280	73	70	144	40	23	115	14
\$100 to \$149	192	90	487	376	297	120	324	133	138	299	40
\$150 to \$199	46	65	96	96	90	138	108	474	189	154	108
\$200 to \$249	-	-	-	-	4	11	18	214	144	28	82
\$250 or more	-	-	-	5	6	7	5	76	47	-	19
No cash rent	6	4	51	-	20	39	17	29	-	23	98
Median	\$126	\$138	\$110	\$102	\$128	\$140	\$112	\$180	\$176	\$117	\$186
GROSS RENT AS PERCENTAGE OF INCOME BY INCOME											
Specified renter occupied units ¹	328	175	1 040	910	545	408	762	993	563	766	361
Less than \$5,000	25	36	439	336	110	64	233	109	116	338	55
Less than 20 percent	-	-	38	16	-	-	-	-	-	6	-
20 to 24 percent	7	4	55	28	-	-	14	-	12	15	-
25 to 34 percent	6	7	43	52	28	5	41	4	22	63	5
35 percent or more	12	25	276	204	56	41	147	76	82	233	46
Not computed	-	-	27	52	10	18	31	29	-	21	4
Median	34.2	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	134	62	378	378	225	133	301	285	172	258	79
Less than 20 percent	74	9	216	239	113	63	181	60	25	102	17
20 to 24 percent	38	18	81	58	63	20	75	50	51	61	5
25 to 34 percent	22	24	66	81	43	34	28	117	37	64	43
35 percent or more	-	11	5	-	-	5	17	41	59	24	5
Not computed	-	-	10	-	6	11	-	17	-	7	9
Median	19.1	26.7	18.9	17.6	19.8	19.7	18.8	27.1	27.7	21.9	28.0
\$10,000 to \$14,999	105	61	147	128	149	160	191	343	164	92	118
25 percent or more	-	-	-	5	6	-	5	15	4	-	3
Not computed	-	4	5	-	-	5	4	-	-	11	34
Median	12.8	15.5	13.2	12.0	13.3	14.7	13.3	18.4	17.3	14.5	20.9
\$15,000 or more	64	16	76	68	61	51	37	256	111	78	109
25 percent or more	-	-	-	-	-	-	-	-	-	-	-
Not computed	6	-	9	-	4	5	-	-	-	5	51
Median	10.0-	...	10.0-	10.0-	10.3	11.5	10.0-	12.8	12.2	10.0-	16.0

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 SMSA in Essex County, Mass.—Con.					Part in Rockingham County, N.H.					
	Tract 2544	Tract 2621	Tract 2631	Tract 2641	Tract 2651	Tract 0001	Tract 0002	Tract 0003	Tract 0004	Tract 0011	Tract 0021
All year-round housing units	1 820	1 285	677	1 519	1 512	774	1 391	1 908	2 131	1 408	672
UNITS IN STRUCTURE											
1 (includes mobile home or trailer)	1 642	963	616	1 246	1 273	699	1 255	1 450	1 629	1 187	592
2	107	223	35	159	102	21	34	97	52	91	16
3 and 4	21	67	26	99	67	32	27	29	48	76	34
5 to 49	44	32	—	15	70	22	71	332	402	54	30
50 or more	6	—	—	—	—	—	4	—	—	—	—
YEAR STRUCTURE BUILT											
1969 to March 1970	95	26	18	12	53	57	89	217	221	60	33
1965 to 1968	318	129	69	105	117	176	275	352	663	284	74
1960 to 1964	417	49	61	477	222	164	385	588	504	228	107
1950 to 1959	435	151	76	193	394	99	318	305	296	257	102
1940 to 1949	93	84	19	75	70	120	87	104	132	128	14
1939 or earlier	462	846	434	657	648	158	237	342	315	449	342
HEATING EQUIPMENT											
Steam or hot water	1 171	534	319	672	795	195	930	1 293	1 614	875	331
Warm air furnace	371	558	309	681	586	152	281	538	378	455	236
Built-in electric units	202	7	15	21	20	95	31	44	24	26	24
Floor, wall, or pipeless furnace	20	79	10	44	49	—	4	16	—	—	55
Other means or not heated	56	107	24	101	62	332	137	17	115	52	26
BASEMENT											
All units with basement	1 628	1 115	672	1 473	1 418	517	1 241	1 410	1 549	1 329	524
One-family houses with basement	1 479	798	611	1 209	1 198	456	1 155	1 003	1 370	1 108	479
SELECTED EQUIPMENT											
With more than 1 bathroom	1 045	247	290	392	387	185	234	375	256	328	110
With public water supply	1 748	1 163	559	1 469	1 444	237	1 208	1 636	2 044	55	59
With public sewer	594	298	32	106	90	26	195	415	740	46	25
With air conditioning	458	115	78	337	298	128	333	414	436	281	142
Room unit(s)	417	109	74	318	291	115	307	407	611	268	136
Central system	41	6	4	19	7	13	26	7	25	13	6
All occupied housing units	1 784	1 239	653	1 498	1 434	671	1 342	1 809	2 067	1 358	645
YEAR MOVED INTO UNIT											
1968 to March 1970	463	356	165	310	470	274	432	629	808	428	191
1965 to 1967	426	221	99	262	224	164	285	408	432	266	166
1960 to 1964	381	206	143	423	264	101	343	434	426	300	120
1950 to 1959	341	236	141	275	264	100	184	175	279	194	126
1949 or earlier	173	220	105	228	212	32	98	163	122	170	42
AUTOMOBILES AVAILABLE											
1	567	765	331	730	702	300	696	1 018	1 102	713	413
2	1 015	299	275	625	522	281	542	608	786	506	186
3 or more	133	53	40	63	90	56	66	74	116	80	15
None	69	122	7	80	120	34	38	109	63	59	31
GROSS RENT											
Specified renter occupied units ¹	175	294	36	201	251	114	210	453	551	217	123
Less than \$40	—	6	—	—	—	—	—	—	5	—	—
\$40 to \$59	20	—	—	10	—	—	—	28	7	—	—
\$60 to \$79	5	27	—	15	23	—	9	24	12	6	6
\$80 to \$99	10	29	5	41	31	13	24	10	32	44	19
\$100 to \$149	68	110	16	69	122	21	78	145	238	44	59
\$150 to \$199	38	66	5	60	51	50	81	221	229	91	34
\$200 to \$249	11	17	5	—	—	23	12	5	17	10	—
\$250 or more	—	4	—	—	—	—	—	—	6	6	—
No cash rent	23	35	5	6	24	7	6	20	5	16	5
Median	\$131	\$125	\$119	\$118	\$126	\$170	\$145	\$152	\$147	\$154	\$136
GROSS RENT AS PERCENTAGE OF INCOME BY INCOME											
Specified renter occupied units ¹	175	294	36	201	251	114	210	453	551	217	123
Less than \$5,000	42	90	16	61	70	28	54	113	54	35	29
Less than 20 percent	—	—	—	—	—	—	—	10	13	—	—
20 to 24 percent	—	6	—	5	—	—	—	5	—	—	6
25 to 34 percent	—	16	5	—	7	—	9	—	—	—	6
35 percent or more	29	42	11	50	56	21	45	73	31	20	12
Not computed	13	26	—	6	7	7	—	14	10	4	5
Median	35.0+	35.0+	...	35.0+	35.0+	...	35.0+	35.0+	35.0+	35.0+	...
\$5,000 to \$9,999	62	115	5	69	100	33	103	174	222	98	62
Less than 20 percent	24	68	—	45	23	13	23	43	71	29	17
20 to 24 percent	27	19	—	12	40	7	36	39	68	18	12
25 to 34 percent	6	19	5	12	31	—	32	68	62	35	27
35 percent or more	—	9	—	—	—	13	6	18	16	4	6
Not computed	5	—	—	—	—	—	6	6	5	12	—
Median	20.8	18.6	...	18.5	23.0	22.5	23.5	25.3	22.8	23.9	25.7
\$10,000 to \$14,999	50	63	10	54	55	37	34	102	180	47	25
25 percent or more	—	—	—	—	—	—	—	—	—	—	—
Not computed	—	4	5	—	12	—	—	—	—	—	—
Median	15.7	15.7	...	12.5	13.3	16.3	16.3	16.5	14.9	15.6	14.8
\$15,000 or more	21	26	5	17	26	16	19	64	95	37	7
25 percent or more	—	—	—	—	—	—	—	—	—	—	—
Not computed	5	5	—	—	6	—	—	—	—	—	—
Median	...	...	...	...	...	...	...	11.9	12.3	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

	Part in Essex County, Mass.					Part in Rockingham County, N.H.
	Total SMSA	Total	Haverhill	Lawrence	Balance	
All occupied housing units	394	384	132	198	54	10
TENURE AND PLUMBING						
Owner occupied	98	93	47	15	31	5
With all plumbing facilities	96	91	46	14	31	5
Renter occupied	296	291	85	183	23	5
With all plumbing facilities	269	265	82	161	22	4
ROOMS						
1 room	26	26	3	23	—	—
2 rooms	8	7	4	3	—	1
3 and 4 rooms	136	133	53	65	15	3
5 and 6 rooms	176	172	48	100	24	4
7 rooms or more	48	46	24	7	15	2
Median	4.7	4.7	4.7	4.6	5.8	4.8
PERSONS						
1 person	98	96	35	50	11	2
2 and 3 persons	128	123	45	56	22	5
4 and 5 persons	109	108	36	59	13	1
6 persons or more	59	57	16	33	8	2
Median	3.0	3.0	2.8	3.2	3.1	2.8
Units with roomers, boarders, or lodgers	10	10	5	5	—	—
PERSONS PER ROOM						
1.00 or less	338	328	117	160	51	10
1.01 to 1.50	45	45	13	30	2	—
1.51 or more	11	11	2	8	1	—
Units with all plumbing facilities — 1.01 or more	52	52	15	34	3	—
VALUE						
Specified owner occupied units ¹	67	62	28	5	29	5
Less than \$5,000	3	3	1	—	2	—
\$5,000 to \$9,999	14	14	8	4	2	—
\$10,000 to \$14,999	14	12	8	—	4	2
\$15,000 to \$19,999	21	19	11	1	7	2
\$20,000 to \$34,999	12	11	—	—	11	1
\$35,000 or more	3	3	—	—	3	—
Median	\$15 500	\$15 400	\$13 500	\$8 100	\$19 700	\$18 100
CONTRACT RENT						
Specified renter occupied units ²	293	288	83	182	23	5
Median	\$71	\$71	\$74	\$70	\$78	\$65

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

	Part in Essex County, Mass.					Part in Rockingham County, N.H.
	Total SMSA	Total	Haverhill	Lawrence	Balance	
All occupied housing units	405	381	127	194	60	24
UNITS IN STRUCTURE						
1 (includes mobile home or trailer)	89	72	30	5	37	...
2 to 4	163	163	47	104	12	...
5 or more	153	146	50	85	11	...
YEAR STRUCTURE BUILT						
1960 to March 1970	24	17	-	-	17	...
1950 to 1959	27	27	11	10	6	...
1949 or earlier	354	337	116	184	37	...
SELECTED EQUIPMENT						
With air conditioning	21	14	-	7	7	...
With more than 1 bathroom	18	18	5	13	-	...
With central or built-in heating system	259	242	89	100	53	...
With public water supply	418	390	127	202	61	...
With public sewer	392	364	121	202	41	...
With automobile(s) available	217	210	86	77	47	...
1	165	165	69	62	34	...
2 or more	52	45	17	15	13	...
YEAR MOVED INTO UNIT						
1968 to March 1970	251	235	66	134	35	...
1960 to 1967	92	80	36	37	7	...
1959 or earlier	75	75	25	31	19	...
GROSS RENT						
Specified renter occupied units ¹	296	272	78	171	...	...
Less than \$40 .....	-	-	-	-	...	...
\$40 to \$59	41	24	6	-	...	...
\$60 to \$79	40	40	11	18	...	...
\$80 to \$99	68	68	29	24	...	...
\$100 to \$149	105	105	32	39	...	...
\$150 to \$199	42	35	-	73	...	...
\$200 or more	-	-	-	17	...	...
No cash rent .....	-	-	-	-	...	...
Median	\$100	\$101	\$94	\$102	...	...
GROSS RENT AS PERCENTAGE OF INCOME BY INCOME						
Less than \$10,000	213	196	57	121	...	...
25 percent or more	101	94	19	63	...	...
35 percent or more	75	68	10	46	...	...
Not computed .....	-	-	-	-	...	...
Median	24.1	24.3	19.3	26.5	...	...

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	Part in Essex County, Mass.					Part in Rockingham County, N.H.
	Total SMSA	Total	Haverhill	Lawrence	Balance	
All occupied housing units	825	790	73	601	116	35
TENURE AND PLUMBING						
Owner occupied	143	119	24	46	49	24
With all plumbing facilities	138	114	..	41	49	..
Renter occupied	682	671	49	555	67	11
With all plumbing facilities	625	614	41	506	67	..
ROOMS						
1 room	46	46	7	39	-	-
2 rooms	18	18	-	18	-	-
3 and 4 rooms	329	323	39	228	56	6
5 and 6 rooms	356	332	22	278	32	24
7 rooms or more	76	71	5	38	28	5
UNITS IN STRUCTURE						
1 (includes mobile home or trailer)	126	102	32	21	49	24
2 to 4	407	403	26	323	54	4
5 or more	292	285	15	257	13	7
YEAR STRUCTURE BUILT						
1960 to March 1970	73	42	-	15	27	31
1950 to 1959	49	49	13	14	22	..
1949 or earlier	703	699	60	572	67	4
PERSONS						
1 person	103	103	15	72	16	-
2 and 3 persons	282	275	21	230	24	7
4 and 5 persons	303	280	14	224	42	23
6 persons or more	137	132	23	75	34	5
Median	3.7	3.6	3.5	3.5	4.3	4.3
Units with roomers, boarders, or lodgers	13	13	-	13	-	-
PERSONS PER ROOM						
1.00 or less	678	648	55	488	105	30
1.01 to 1.50	112	107	9	87	11	5
1.51 or more	35	35	9	26	-	-
Units with all plumbing facilities - 1.01 or more	147	142	18	113	11	5
YEAR MOVED INTO UNIT						
1968 to March 1970	595	574	42	462	70	21
1960 to 1967	206	192	24	122	46	14
1959 or earlier	24	24	7	17	-	-
SELECTED EQUIPMENT						
With air conditioning	48	36	12	5	19	12
With more than 1 bathroom	51	41	5	8	28	10
With central or built-in heating system	488	453	67	294	92	35
With public water supply	816	790	73	601	116	26
With public sewer	760	753	66	601	86	7
With automobile(s) available	450	415	41	280	94	35
1	382	372	41	260	71	10
2 or more	68	43	-	20	23	25
VALUE						
Specified owner occupied units ¹	112	88	..	..	49	..
Less than \$5,000 .....	-	-	..	..	-	..
\$5,000 to \$9,999	6	6	..	..	-	..
\$10,000 to \$14,999	21	15	..	..	-	..
\$15,000 to \$19,999	26	26	..	..	13	..
\$20,000 to \$34,999	45	27	..	..	22	..
\$35,000 or more	14	14	..	..	14	..
Median	\$20 700	\$17 200	..	..	\$27 500	..
GROSS RENT						
Specified renter occupied units ²	682	671	49	555	67	..
Less than \$40	-	-	15	45	-	..
\$40 to \$59	60	60	-	67	6	..
\$60 to \$79	73	73	8	125	16	..
\$80 to \$99	153	149	26	283	25	..
\$100 to \$149	334	334	28	28	12	..
\$150 to \$199	47	40	-	7	8	..
\$200 or more	15	15	-	-	-	..
No cash rent	-	-	-	-	-	..
Median	\$105	\$105	\$103	\$104	\$112	..
CONTRACT RENT						
Specified renter occupied units ³	682	671	49	555	67	..
Median	\$70	\$70	\$103	\$68	\$83	..
GROSS RENT AS PERCENTAGE OF INCOME BY INCOME						
Less than \$10,000	537	533	49	439	45	..
25 percent or more	227	227	25	195	7	..
35 percent or more	159	159	16	143	-	..
Not computed	11	11	-	-	11	..
Median	23.3	23.4	25.6	23.6	18.7	..

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
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Description of tracted area	App-1
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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.

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

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

Occupied housing units:

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

Vacant housing units:

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

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

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

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

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

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

SAMPLING VARIABILITY

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

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

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

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

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

1. For a difference between the sample figure and one based on a complete count (e.g., arising from comparisons between 1970 sample statistics and complete-count statistics for 1960 or 1950), the standard error is identical with the standard error of the 1970 estimate alone.
2. For a difference between two sample figures (that is, one from 1970 and the other from 1960, or both from the same census year), the standard error is approximately the square root of the sum of the squares of the standard errors of each estimate considered separately. This formula will represent the actual standard error quite accurately for the difference between estimates of the same characteristic in two different areas, or for the difference between separate and uncorrelated characteristics in the same area. If, however, there is a high positive correlation between the two characteristics, the formula will overestimate the true standard error. The approximate standard error for the 1970 sample figure is derived directly from tables D through F. The standard error of a 25-percent 1960 sample figure may be obtained from the relevant 1960 census report or an approximate value may be obtained by multiplying the appropriate value in table D or E by 0.9.
3. For a difference between two sample estimates, one of which represents a subclass of the other, the tables can be used directly, with the difference considered as the sample estimate.

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

APPENDIX C—Continued

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

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

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

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

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

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

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

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

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

TABLE F. Factor to be Applied to Standard Errors

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

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

Volume V. RESIDENTIAL FINANCE

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

**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.