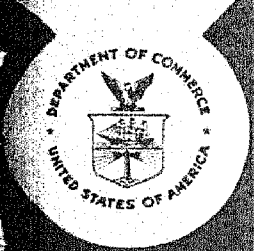


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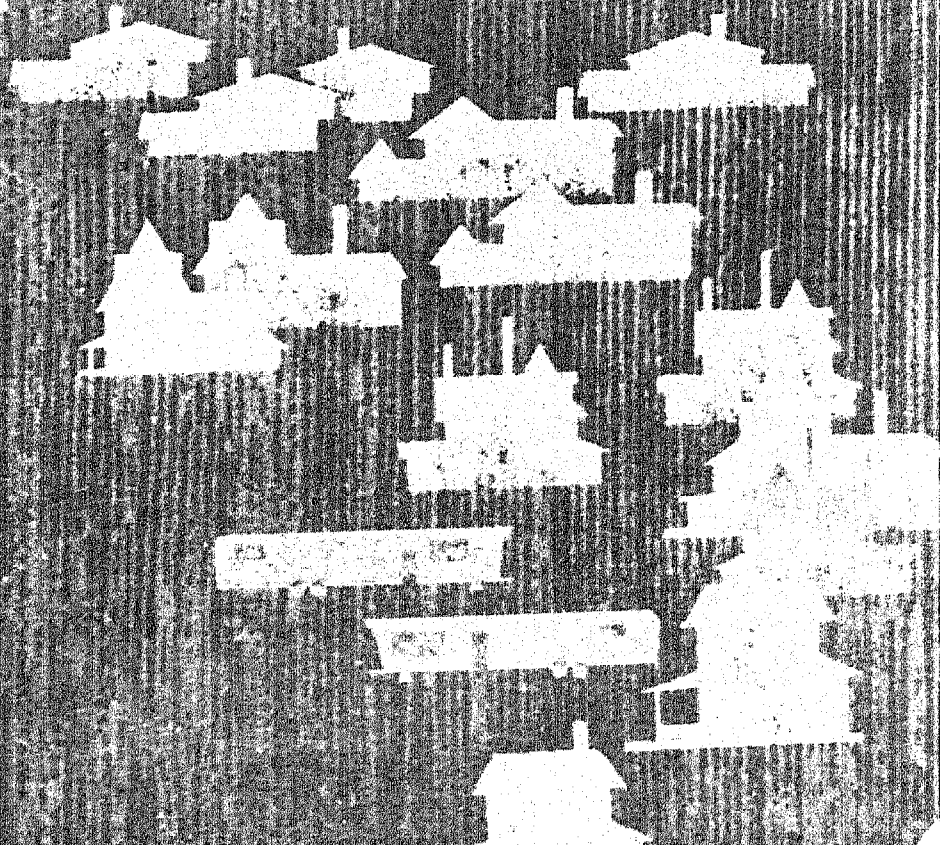


Metropolitan Housing Characteristics

MUSKEGON-MUSKEGON HEIGHTS, MICH.
STANDARD METROPOLITAN STATISTICAL AREA

HC(2)-141

1970
CENSUS OF
HOUSING



U.S. DEPARTMENT
OF COMMERCE
Social and Economic
Statistics Administration
BUREAU OF
THE CENSUS

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**MUSKEGON-MUSKEGON HEIGHTS,
MICH.**

**STANDARD METROPOLITAN
STATISTICAL AREA**

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TABLE FINDING GUIDE—Cross-Classification of Subjects by Table Number

This guide lists all subjects covered in this report. An asterisk (*) indicates that data are shown for housing units with Negro head of household, and the dagger symbol (†) means that the data are shown for housing units with household head of Spanish heritage; these data are shown when an area has 25,000 or more Negro or Spanish heritage population, respectively.

Subject	Value	Gross rent	Income in 1969	Plumbing facilities by persons per room	Number of rooms	Units in structure	Household composition by age of head	Size of household (persons)	Duration of vacancy	Sales price asked and rent asked
OCCUPANCY AND VACANCY CHARACTERISTICS										
Year moved into unit	1, 11*, 19†	2, 12*, 20†	3, 13*, 21†	—	—	6, 16*, 24†	—	—	—	—
Duration of vacancy	—	—	—	9 ¹	9	9	—	—	—	9
UTILIZATION CHARACTERISTICS										
Number of rooms	1, 11*, 19†	2, 12*, 20†	3, 13*, 21†	5, 15*, 23†	—	6, 16*, 24†	—	5, 15*, 23†	9	—
Size of household (persons)	1, 11*, 19†	2, 12*, 20†	3, 13*, 21†	4, 14*, 22†	5, 15*, 23†	8, 18*, 26†	8, 18*, 26†	—	—	—
Number of bedrooms	1, 11*	2, 12*	3, 13*	—	5, 15*	6, 16*	—	8, 18*	9	10
Persons per room	1, 11*, 19†	2, 12*, 20†	4, 14*, 22†	—	5, 15*, 23†	6, 16*, 24†	7, 17*, 25†	4, 14*, 22†	—	—
PLUMBING CHARACTERISTICS										
Plumbing facilities	—	—	—	—	—	—	—	—	9	10
Plumbing facilities by persons per room	1, 11*, 19†	2, 12*, 20†	4, 14*, 22†	—	5, 15*, 23†	6, 16*, 24†	7, 17*, 25†	4, 14*, 22†	—	—
Complete bathrooms	1, 11*, 19†	2, 12*, 20†	—	—	5, 15*, 23†	—	—	8, 18*, 26†	—	—
STRUCTURAL CHARACTERISTICS										
Units in structure	—	6, 16*, 24†	6, 16*, 24†	6, 16*, 24†	6, 16*, 24†	—	7, 17*, 25†	8, 18*, 26†	9	10
Year structure built	1, 11*, 19†	2, 12*, 20†	3, 13*, 21†	4, 14*, 22†	5, 15*, 23†	6, 16*, 24†	—	8, 18*, 26†	9	10
Elevator in structure	—	2, 12*	—	—	—	—	—	—	—	—
EQUIPMENT AND APPLIANCES										
Heating equipment	1, 11*, 19†	—	—	4, 14*, 22†	—	6, 16*, 24†	—	—	9	—
Air conditioning	1, 11*, 19†	2, 12*, 20†	3, 13*, 21†	—	—	6, 16*, 24†	—	—	—	—
Automobiles available	—	—	3, 13*, 21†	—	—	6, 16*, 24†	—	—	—	—
Second home	—	—	3, 13*	—	—	—	—	—	—	—
Automatic clothes washing machine	—	—	3, 13*	—	—	—	—	—	—	—
Clothes dryer	—	—	3, 13*	—	—	—	—	—	—	—
Dishwasher	—	—	3, 13*	—	—	—	—	—	—	—
Home food freezer	—	—	3, 13*	—	—	—	—	—	—	—
FINANCIAL CHARACTERISTICS										
Value	—	—	1, 11*, 19†	1, 11*, 19†	1, 11*, 19†	—	1, 11*, 19†	1, 11*, 19†	—	—
Value-income ratio	—	—	—	4, 14*, 22†	5, 15*, 23†	—	7, 17*, 25†	8, 18*, 26†	—	—
Gross rent	—	—	2, 12*, 20†	2, 12*, 20†	2, 12*, 20†	6, 16*, 24†	7, 17*, 25†	2, 12*, 20†	—	—
Gross rent as percentage of income	—	2, 12*, 20†	3, 13*, 21†	4, 14*, 22†	5, 15*, 23†	—	7, 17*, 25†	8, 18*, 26†	—	—
Gross rent as percentage of income by income	—	2	—	—	—	—	—	—	—	—
Sales price asked	—	—	—	10 ¹	—	—	—	—	9	—
Rent asked	—	—	—	10 ¹	—	10	—	—	9	—
Inclusion of utilities in rent	—	—	—	—	—	—	—	—	—	10
HOUSEHOLD CHARACTERISTICS										
Household composition by age of head	1, 11*, 19†	7, 17*, 25†	7, 17*, 25†	7, 17*, 25†	—	7, 17*, 25†	—	8, 18*, 26†	—	—
Income in 1969	1, 11*, 19†	2, 12*, 20†	—	4, 14*, 22†	3, 13*, 21†	6, 16*, 24†	7, 17*, 25†	3, 13*, 21†	—	—

¹ Vacant units tabulated by plumbing facilities only.

INTRODUCTION

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GENERAL

This report presents cross-tabulations of housing and household characteristics from the 1970 Census of Population and Housing for the standard metropolitan statistical area, its central city or cities, and its places of 50,000 inhabitants or more. 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 248 reports as listed on page II. There is one report for each standard metropolitan statistical area (recognized as of February 1971) in the United States and Puerto Rico, as well as a summary report for the United States.

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 of the 1970 Population and Housing Census, 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 most of 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; further information on comparability appears in Appendix B, "Definitions and Explanations of Subject Characteristics."

More detailed information on the technical and procedural matters covered in the text of this report can be obtained by writing to the Director, Bureau of the Census, Washington, D.C. 20233. Such information will also appear in 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 the various area classifications (e.g., places, standard metropolitan statistical areas, etc.) and briefly explains the residence rules used in counting the population. Appendix B provides definitions and explanations for the subjects covered in this report, including facsimiles of the 1970 census questionnaire pages and a facsimile of the instruction sheet. Appendix C presents information on sources of error in the data, editing procedures, the sample design, ratio estimation, and sampling variability. Appendix D summarizes the data dissemination program of the 1970 census.

Content of the tables.—A series of standard tables is presented for each area shown in this report. Tables 1 to 8 present statistics for owner-occupied and renter-occupied units. Tables 9 and 10 present statistics for vacant units, separately for units for

sale and for units for rent. Data for housing units with Negro head of household are presented in tables 11 to 18, and data for housing units with heads of Spanish heritage (i.e., heads of Spanish language or surname or of Puerto Rican birth or parentage) are presented in tables 19 to 26; these tables, which have the same subject content as tables 1 to 8, are published for those standard metropolitan statistical areas, cities or places that have a population of 25,000 or more for the particular group. The finding guide on page IV lists the characteristics covered in this report and shows the tables in which the various types of statistics appear.

The prefix letter "A" has been assigned to the tables for the total standard metropolitan statistical area; tables for the central cities and places of 50,000 inhabitants or more, which follow in alphabetical order, have the prefix letter "B," "C," etc.

Sample size.—The statistics presented in this report are based on a sample of housing units. More specifically, the data are derived from the 15-percent and 5-percent sample questionnaires (see "Data Collection Procedures," below). Some items appeared on both sample questionnaires and, therefore, are based on a 20-percent sample of housing units. The sampling rate for each subject is shown in table A of Appendix C, "Accuracy of the Data." Appendix C also presents information on the sampling variability associated with these data.

Statistics for some subgroups (e.g., households in owner-occupied units with incomes of less than \$2,000 or renter-occupied 1-room units) may differ from table to table or within the same table when the figures are tabulated from different samples.

Derived figures (medians, etc.).—Shown in this report are medians as well as certain percentages and ratios. 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. For all types of derived figures in this report, the figure is not presented (but indicated by three dots "...") if there are fewer than the prescribed number of units in the distribution or the base. For the 20-percent sample, the minimum number of housing units is 100; for the 15-percent sample, the minimum is 132; and for the 5-percent sample, the minimum is 400.

Medians for rooms and persons are rounded to the nearest tenth, for value to the nearest hundred dollars, and for rent to the nearest dollar. In computing medians for rooms and persons per housing unit, the whole number is used as the midpoint of the interval so that, for example, the category "3 rooms" is treated as an interval ranging from 2.5 up to 3.5 rooms. In computing median rent, units reported as "no cash rent" are excluded. The median is computed on the basis of the distribution as tabulated, which is sometimes more detailed than the distribution shown in this report. 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 "\$50,000 or more," it is shown as "\$50,000+."

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

Boundaries.—The data shown for 1970 relate to the boundaries as they existed on January 1, 1970. Information on boundary changes between 1960 and 1970 for certain types of areas is given in the 1970 Population Census PC(1)-A reports.

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. Some of this material is reproduced in Appendix B, "Definitions and Explanations of Subject Characteristics."

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 that did not mail back their forms, a followup was also made, in almost all cases by personal visit and in the remainder by telephone; vacant units were enumerated by personal visit.

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 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

interviewed for the additional questions in those households designated for the 15-percent and 5-percent samples.

The subjects covered in this report are all drawn from the 15-percent and 5-percent sample questionnaires.

PROCESSING PROCEDURES

The 1970 census questionnaires were specially designed to be processed by FOSDIC (Film Optical

Sensing Device for Input to Computers). Respondents and enumerators (and for some few items, census clerks) marked the answers in predesignated positions which could be "read" by FOSDIC, from a microfilm copy of the questionnaire, onto computer 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 tape which is available for purchase, as described in Appendix D, "Publication and Computer Summary Tape Program."

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METROPOLITAN HOUSING CHARACTERISTICS

Muskegon-Muskegon Heights, Mich.
STANDARD METROPOLITAN STATISTICAL AREA

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page

MAP

Counties, Standard Metropolitan
Statistical Areas, and Selected Places

X

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[The prefix letter "A" refers to tables for the total SMSA; tables for central cities and for places of 50,000 inhabitants or more, which follow in alphabetical order, have the prefix letter "B," "C," etc.]

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Table A-1. Value of Owner Occupied Housing Units: 1970

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

The SMSA	Total	Less than \$5,000	\$5,000 to \$7,499	\$7,500 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)
Specified owner occupied¹	32 021	1 250	3 234	5 812	5 665	4 068	6 010	2 937	1 988	764	293	12 500
ROOMS												
1 and 2 rooms	111	24	20	19	25	12	11	-	-	-	-	9 000
3 rooms	584	130	158	120	88	48	18	12	10	-	-	7 600
4 rooms	5 800	505	1 005	1 573	1 329	608	593	129	44	9	5	9 700
5 rooms	11 243	347	1 107	2 147	1 852	1 544	2 610	1 103	451	72	10	12 800
6 rooms	8 058	133	618	1 176	1 354	1 203	1 710	1 032	611	206	15	14 100
7 rooms	3 550	81	192	493	602	424	728	408	445	143	34	14 900
8 rooms or more	2 675	30	134	284	415	229	340	253	427	334	229	18 600
Median	5.3	4.4	4.9	5.1	5.3	5.4	5.4	5.7	6.3	7.2	7.5+	...
PERSONS												
1 person	3 754	342	656	971	808	387	367	83	87	41	12	9 800
2 persons	9 089	370	993	1 871	1 651	1 073	1 594	763	485	181	108	12 000
3 persons	5 055	152	562	829	955	695	937	440	337	121	27	12 600
4 persons	5 400	94	380	816	808	702	1 155	745	509	158	33	14 600
5 persons	3 915	87	266	514	578	555	908	520	287	130	70	14 800
6 persons or more	4 808	205	377	811	865	656	1 049	386	283	133	43	13 100
Median	3.1	2.3	2.5	2.6	2.9	3.3	3.6	3.7	3.7	3.7	3.5	...
Units with roomers, boarders, or lodgers	552	25	110	146	104	52	63	37	10	5	-	9 900
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	31 595	1 080	3 113	5 763	5 643	4 055	5 971	2 925	1 988	764	293	12 600
0.50 or less	15 089	560	1 731	3 079	2 852	1 727	2 379	1 143	957	440	221	11 900
0.51 to 1.00	13 593	341	1 030	2 052	2 262	1 908	2 994	1 636	974	324	72	14 000
1.01 to 1.50	2 385	136	246	528	408	345	534	136	52	-	-	11 700
1.51 or more	528	43	106	104	121	75	64	10	5	-	-	10 200
Lacking some or all plumbing facilities	426	170	121	49	22	13	39	12	-	-	-	5 900
0.50 or less	276	113	87	17	22	8	23	6	-	-	-	5 700
0.51 to 1.00	106	39	28	23	-	-	10	6	-	-	-	6 300
1.01 to 1.50	28	13	4	4	-	5	-	-	-	-	-	...
1.51 or more	16	5	-	5	-	-	6	-	-	-	-	...
BEDROOMS												
None and 1	1 566	327	296	458	284	58	80	20	43	-	-	8 400
2	10 704	621	1 748	2 759	2 490	1 276	1 301	351	79	60	19	10 200
3	15 085	285	993	1 985	2 352	2 093	3 587	2 009	1 294	406	81	14 800
4 or more	4 949	86	298	729	993	608	1 059	315	506	195	160	14 000
YEAR STRUCTURE BUILT												
1969 to March 1970	376	-	13	7	15	12	90	97	102	25	15	22 600
1965 to 1968	2 073	16	42	45	66	128	511	505	480	238	42	22 300
1960 to 1964	3 189	5	90	147	203	300	998	754	431	189	72	19 400
1950 to 1959	8 273	206	463	896	1 137	1 318	2 320	1 119	540	194	80	15 200
1940 to 1949	6 450	357	710	1 296	1 433	1 038	1 121	244	172	58	21	11 500
1939 or earlier	11 660	666	1 916	3 421	2 811	1 272	970	218	263	60	63	9 900
COMPLETE BATHROOMS												
1 and 1 1/2	28 306	997	3 013	5 585	5 244	3 866	5 498	2 532	1 256	276	39	12 200
2 and 2 1/2	2 764	8	21	109	252	203	486	420	693	445	127	23 600
3 or more	305	-	14	7	-	8	22	23	47	55	129	43 600
None or also used by another household	636	232	168	107	37	15	51	26	-	-	-	6 300
HOUSEHOLD COMPOSITION												
Two-or-more-person households	28 267	908	2 578	4 841	4 857	3 681	5 643	2 854	1 901	723	281	13 100
Male head, wife present, no nonrelatives	25 085	748	2 116	4 120	4 224	3 348	5 170	2 662	1 763	687	247	13 500
Under 25 years	760	50	91	210	165	106	98	19	21	-	-	10 400
25 to 34 years	4 333	106	385	781	661	589	983	529	265	34	-	13 500
35 to 44 years	5 954	90	301	680	835	822	1 403	861	589	301	72	15 800
45 to 64 years	10 843	353	891	1 741	1 924	1 438	2 210	1 048	789	295	154	13 400
65 years and over	3 195	149	448	708	639	393	476	205	99	57	21	11 100
Other male head	783	35	118	166	160	79	107	50	61	7	-	11 100
Under 65 years	632	35	86	130	105	70	103	40	56	7	-	11 500
65 years and over	151	-	32	36	55	9	4	10	5	-	-	10 300
Female head	2 399	125	344	555	473	254	366	142	77	29	34	10 900
Under 65 years	1 862	76	220	400	395	200	323	127	68	29	24	11 500
65 years and over	537	49	124	155	78	54	43	15	9	-	10	9 000
One-person households	3 754	342	656	971	808	387	367	83	87	41	12	9 800
Under 65 years	1 656	146	296	363	389	180	195	34	38	9	6	10 100
65 years and over	2 098	196	360	608	419	207	172	49	49	32	6	9 500
INCOME IN 1969												
Less than \$2,000	2 396	321	509	605	449	193	181	59	43	30	6	9 000
\$2,000 to \$2,999	1 407	134	304	369	289	121	124	28	26	11	-	9 300
\$3,000 to \$3,999	1 487	100	257	429	259	171	164	50	37	15	5	9 800
\$4,000 to \$4,999	1 268	92	206	296	276	141	175	60	22	-	-	10 400
\$5,000 to \$5,999	1 333	68	199	308	351	143	159	71	20	4	10	10 700
\$6,000 to \$6,999	1 601	83	269	351	311	196	235	77	64	9	6	10 800
\$7,000 to \$9,999	7 414	259	792	1 758	1 532	983	1 344	519	163	44	20	11 500
\$10,000 to \$14,999	9 577	162	579	1 363	1 601	1 544	2 404	1 123	623	152	26	14 300
\$15,000 to \$24,999	4 618	31	99	291	567	541	1 069	877	305	63	18	17 700
\$25,000 or more	920	-	20	42	30	35	155	72	215	194	157	29 900
Median	\$9 600	\$4 800	\$6 500	\$7 900	\$8 800	\$10 300	\$11 300	\$12 700	\$15 000	\$18 800	\$27 200	...
YEAR MOVED INTO UNIT												
1969 to March 1970	2 628	57	196	369	412	340	563	271	286	77	57	14 600
1968	2 267	81	154	340	322	255	464	302	206	129	14	14 800
1967	2 016	85	160	303	276	240	390	257	182	97	26	14 400
1965 and 1966	3 600	103	244	438	572	370	794	515	397	123	44	15 500
1960 to 1964	6 127	226	452	1 007	1 039	779	1 292	705	374	192	61	13 600
1950 to 1959	8 944	326	917	1 635	1 596	1 292	1 769	805	425	128	51	12 500
1949 or earlier	6 429	359	1 093	1 716	1 316	816	785	146	126	30	42	10 100
HEATING EQUIPMENT												
Steam or hot water	2 261	25	86	170	278	223	503	388	327	154	107	18 700
Warm-air furnace	23 396	372	1 474	3 784	4 499	3 440	5 088	2 431	1 543	579	186	13 600
Built-in electric units	315	10	13	55	40	25	57	29	60	26	-	16 100
Floor, wall, or pipeless furnace	1 947	130	526	670	319	134	120	19	29	-	-	8 700
Other means	4 097	708	1 135	1 133	529	246	242	70	29	5	-	8 000
None	5	5	-	-	-	-	-	-	-	-	-	...
AIR CONDITIONING												
Room unit(s)	1 808	35	118	253	297	287	349	229	157	48	35	14 300
Central system	376	7	18	59	44	33	30	59	41	30	55	19 300
None	29 827	1 195	3 080	5 496	5 192	3 772	5 678	2 713	1 798	698	205	12 500

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Table A-2. Gross Rent of Renter Occupied Housing Units: 1970

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

The SMSA

	Total	Less than \$50	\$50 to \$59	\$60 to \$69	\$70 to \$79	\$80 to \$99	\$100 to \$119	\$120 to \$149	\$150 to \$199	\$200 to \$299	\$300 or more	No cash rent	Median (dollars)
Specified renter occupied¹	9 587	388	450	760	1 113	2 366	1 778	1 174	916	139	7	496	95
ROOMS													
1 room	310	39	57	91	43	26	14	-	19	-	-	21	65
2 rooms	524	114	45	72	67	158	29	23	6	5	-	5	74
3 rooms	1 850	179	127	296	364	455	184	151	51	-	-	43	78
4 rooms	2 983	27	142	162	399	887	589	328	286	22	-	141	96
5 rooms	2 430	20	59	89	195	606	547	374	382	58	-	100	107
6 rooms	913	5	20	38	29	158	294	171	97	22	7	112	112
7 rooms	387	-	-	6	11	62	92	103	39	22	-	52	119
8 rooms or more	190	4	-	6	5	14	29	24	36	10	-	62	128
Median	4.2	2.7	3.5	3.2	3.7	4.1	4.6	4.7	4.8	5.2	...	4.9	...
PERSONS													
1 person	2 569	315	275	385	371	515	215	186	149	8	-	150	76
2 persons	2 490	49	92	173	345	678	383	316	286	28	-	140	95
3 persons	1 770	5	46	52	221	532	433	217	170	41	-	53	100
4 persons	1 287	13	15	69	81	371	290	221	147	20	-	60	104
5 persons	665	6	11	42	33	166	178	72	75	22	-	60	105
6 persons or more	806	-	11	39	62	104	279	162	89	20	7	33	112
Median	2.4	1.1	1.3	1.5	2.0	2.5	3.2	2.9	2.6	3.3	...	2.2	...
Units with roomers, boarders, or lodgers	271	8	9	12	34	83	55	30	30	-	-	10	94
PLUMBING FACILITIES BY PERSONS PER ROOM													
With all plumbing facilities													
0.50 or less	4 218	246	261	323	559	980	585	522	418	50	-	274	91
0.51 to 1.00	4 008	41	98	212	423	1 151	926	500	417	74	-	166	100
1.01 to 1.50	702	9	9	32	83	152	220	96	65	10	7	19	105
1.51 or more	186	-	-	12	27	55	47	35	5	-	-	5	99
Lacking some or all plumbing facilities													
0.50 or less	473	92	82	181	21	28	-	21	11	5	-	32	63
0.51 to 1.00	199	58	27	56	11	9	-	11	6	5	-	16	61
1.01 to 1.50	230	24	55	99	10	19	-	10	5	-	-	8	63
1.51 or more	40	10	-	22	-	-	-	-	-	-	-	-	8
BEDROOMS													
None	424	44	106	110	49	44	40	-	-	-	-	31	...
1	2 820	288	223	428	601	664	301	199	46	-	-	70	77
2	4 008	63	51	69	417	1 251	1 030	457	458	96	-	116	102
3 or more	2 282	-	20	124	80	497	539	274	376	132	26	214	112
YEAR STRUCTURE BUILT													
1969 to March 1970	471	83	5	3	36	49	58	49	148	37	-	3	120
1965 to 1968	488	14	-	-	9	41	38	114	229	14	-	29	153
1960 to 1964	474	24	32	46	51	31	62	66	93	38	-	31	112
1950 to 1959	1 239	7	26	31	59	277	336	175	171	40	-	117	110
1940 to 1949	1 869	24	63	138	272	583	366	224	102	-	7	90	93
1939 or earlier	5 046	236	324	542	686	1 385	918	546	173	10	-	226	88
ELEVATOR IN STRUCTURE													
4 floors or more	409	106	61	80	49	71	42	-	-	-	-	-	65
With elevator	308	106	-	40	49	71	42	-	-	-	-	-	...
Walk-up	101	-	61	40	-	-	-	-	-	-	-	-	...
1 to 3 floors	9 125	289	339	651	1 098	2 385	1 868	930	880	228	26	431	97
COMPLETE BATHROOMS													
1 and 1 1/2	8 718	268	373	546	1 038	2 268	1 679	1 193	862	78	-	413	97
2 or more	194	13	-	-	7	-	32	26	41	29	-	46	145
None or also used by another household	680	114	81	216	61	60	35	47	13	7	-	46	66
INCOME IN 1969													
Less than \$2,000	1 693	246	122	156	244	417	185	114	99	-	-	110	81
\$2,000 to \$2,999	846	60	49	108	92	244	118	70	44	-	-	61	87
\$3,000 to \$3,999	663	7	44	69	84	131	162	102	44	-	-	20	98
\$4,000 to \$4,999	658	15	32	58	92	194	90	124	24	-	-	29	93
\$5,000 to \$5,999	809	24	35	108	127	215	158	51	58	-	-	33	86
\$6,000 to \$6,999	843	4	31	48	159	249	198	68	51	10	-	45	91
\$7,000 to \$9,999	2 127	22	66	151	207	585	335	184	10	-	-	99	99
\$10,000 to \$14,999	1 390	10	63	63	63	264	284	240	53	7	-	85	114
\$15,000 to \$24,999	462	-	6	6	39	67	101	65	112	52	-	14	122
\$25,000 or more	76	-	-	-	6	-	14	5	37	14	-	-	...
Median	\$6 200	\$2000-	\$4 300	\$4 800	\$5 400	\$5 900	\$6 900	\$7 500	\$9 300	\$14 700	...	\$5 800	...
YEAR MOVED INTO UNIT													
1969 to March 1970	4 477	169	102	286	395	1 223	884	663	568	99	-	88	100
1968	1 352	26	57	118	230	325	238	190	142	6	-	20	93
1967	877	27	54	62	97	222	178	116	55	-	-	66	95
1965 and 1966	1 002	31	69	75	154	245	206	113	61	9	-	39	93
1960 to 1964	1 033	81	92	134	130	222	179	97	29	-	-	69	84
1950 to 1959	592	34	51	70	97	62	55	59	34	-	-	130	78
1949 or earlier	259	27	29	17	3	29	6	28	27	-	-	93	83
GROSS RENT AS PERCENTAGE OF INCOME													
Less than 10 percent	914	56	139	135	134	216	147	35	47	5	-	...	79
10 to 14 percent	1 904	41	69	190	291	596	355	196	127	39	-	...	92
15 to 19 percent	1 743	20	61	106	215	478	413	238	200	12	-	...	100
20 to 24 percent	1 028	48	23	49	74	185	244	218	134	53	-	...	111
25 to 34 percent	1 017	62	99	110	110	214	192	218	156	20	-	...	98
35 percent or more	2 342	129	114	164	265	645	414	353	241	10	7	...	95
Not computed	639	32	4	17	24	32	13	10	-	-	-	496	78
AIR CONDITIONING													
Room unit(s)	893	44	40	21	57	105	80	279	222	6	-	39	129
Central system	304	38	-	-	19	6	6	34	180	14	-	7	163
None	8 395	313	414	741	1 030	2 217	1 660	953	514	94	-	459	93

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

Table A-3. Income in 1969 of Families and Primary Individuals in Owner and Renter Occupied Housing Units: 1970

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

The SMSA	Total	Less than \$2,000	\$2,000 to \$2,999	\$3,000 to \$3,999	\$4,000 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$9,999	\$10,000 to \$14,999	\$15,000 to \$24,999	\$25,000 or more	Median (dollars)
Owner occupied housing units	37 035	3 024	1 707	1 770	1 539	1 585	1 896	8 492	10 842	5 153	1 027	9 500
ROOMS												
1 and 2 rooms	206	59	10	20	—	20	10	58	24	—	5	5 700
3 rooms	891	195	112	74	62	42	46	194	124	33	9	5 100
4 rooms	7 006	1 006	504	525	475	397	429	1 719	1 569	342	40	7 300
5 rooms	12 679	904	564	637	529	563	714	3 275	3 823	1 495	175	9 200
6 rooms	9 011	506	322	309	308	278	356	2 094	3 015	1 616	207	10 600
7 rooms or more	7 242	354	195	205	165	285	341	1 152	2 287	1 667	591	12 000
PERSONS												
1 person	4 659	1 991	668	441	311	271	174	495	229	49	30	2 500
2 persons	10 559	655	717	913	803	607	688	2 271	2 633	1 030	242	8 200
3 and 4 persons	11 944	244	187	252	307	465	617	3 226	4 140	2 130	376	10 800
5 persons	4 431	46	73	59	29	128	201	1 127	1 716	879	173	11 600
6 persons or more	5 442	88	62	105	89	114	216	1 373	2 124	1 065	206	11 400
Units with roomers, boarders, or lodgers	713	139	73	45	34	44	48	168	118	44	—	6 400
BEDROOMS												
Less than 3	14 877	2 121	875	1 103	1 111	938	1 084	3 826	2 860	824	135	7 200
3	16 530	498	501	565	477	555	722	3 803	6 046	2 994	369	10 900
4 or more	5 868	281	146	36	126	221	446	1 118	1 944	1 207	343	11 400
YEAR STRUCTURE BUILT												
1969 to March 1970	592	27	—	28	19	16	32	160	228	60	22	10 300
1960 to 1968	6 258	187	151	155	153	137	255	1 330	2 130	1 414	346	11 800
1950 to 1959	9 028	434	315	299	328	394	431	2 269	2 830	1 475	253	10 100
1949 or earlier	21 157	2 376	1 241	1 288	1 039	1 038	1 178	4 733	5 654	2 204	406	8 500
YEAR MOVED INTO UNIT												
1969 to March 1970	3 239	182	134	142	116	171	211	808	920	473	82	9 500
1968	2 627	140	55	89	100	49	134	704	851	415	90	10 200
1960 to 1967	13 410	650	435	402	404	475	565	3 580	4 210	2 209	480	10 200
1959 or earlier	17 759	2 057	1 153	1 172	884	859	898	3 356	4 892	2 088	400	8 700
SELECTED CHARACTERISTICS												
Automatic clothes washing machine	26 178	1 426	635	1 033	825	1 102	1 465	6 137	8 554	4 190	811	10 300
Clothes dryer	26 454	1 274	648	865	1 002	1 033	1 407	6 316	8 801	4 318	790	10 400
Dishwasher	5 773	137	37	114	42	103	134	934	1 847	1 878	547	13 800
Home food freezer	15 640	760	424	689	377	695	794	3 547	5 110	2 682	562	10 500
Owned second home	2 458	103	19	130	19	79	98	406	878	599	127	12 100
With air conditioning	2 539	149	47	100	66	79	112	406	909	492	179	11 700
Room unit(s)	2 093	110	42	89	45	59	88	349	753	429	129	11 800
Central system	446	39	5	11	21	20	24	57	156	63	50	11 500
Automobiles available:												
1	18 193	1 430	1 135	1 254	1 186	1 077	1 151	5 028	4 465	1 283	184	8 100
2	13 572	213	156	151	170	345	484	2 954	5 463	3 035	601	12 100
3 or more	2 411	78	11	23	12	13	48	250	859	856	261	14 500
Renter occupied housing units	9 996	1 761	852	678	694	869	872	2 237	1 486	471	76	6 200
ROOMS												
1 room	310	105	46	47	11	34	7	55	5	—	—	3 100
2 rooms	539	178	91	42	58	57	30	63	15	5	—	3 000
3 rooms	1 889	493	176	121	137	186	216	387	126	37	10	5 100
4 rooms	3 057	491	228	183	240	287	264	656	538	140	30	6 400
5 rooms	2 519	328	182	204	171	197	216	585	439	170	27	6 800
6 rooms or more	1 682	166	129	81	77	108	139	491	363	119	9	7 900
PERSONS												
1 person	2 612	987	304	226	174	267	162	362	102	21	7	3 100
2 persons	2 612	331	225	164	223	228	238	537	478	157	31	6 600
3 and 4 persons	3 167	308	228	168	164	264	325	910	571	197	32	7 400
5 persons	712	77	50	52	53	47	52	215	143	23	—	7 300
6 persons or more	893	58	45	68	80	63	95	213	192	73	6	7 500
Units with roomers, boarders, or lodgers	281	90	25	41	24	30	21	24	26	—	—	3 600
BEDROOMS												
None	424	172	69	40	21	79	—	43	—	—	—	2 600
1	2 820	674	344	184	342	283	270	420	217	65	21	4 600
2	4 284	712	354	355	128	440	371	901	736	223	64	6 400
3 or more	2 499	209	217	165	209	195	188	727	383	165	41	7 300
YEAR STRUCTURE BUILT												
1969 to March 1970	481	116	55	37	23	5	13	65	99	41	27	6 300
1960 to 1968	997	150	59	52	82	51	71	192	207	114	19	7 500
1950 to 1959	1 280	151	54	73	62	121	100	329	280	105	5	7 700
1949 or earlier	7 238	1 344	684	516	527	692	688	1 651	900	211	25	5 800
YEAR MOVED INTO UNIT												
1969 to March 1970	4 637	890	388	329	317	409	448	1 015	631	169	41	6 000
1968	1 407	179	54	82	116	123	128	414	239	72	—	7 200
1960 to 1967	3 034	490	247	191	241	222	237	718	503	178	7	6 500
1959 or earlier	918	202	141	37	22	83	53	147	189	38	6	5 700
GROSS RENT AS PERCENTAGE OF INCOME												
Specified renter occupied ¹	9 587	1 693	846	663	658	809	863	2 127	1 390	462	76	6 100
Less than 15 percent	2 818	6	9	7	20	129	200	1 017	931	423	76	10 100
15 to 19 percent	1 743	—	20	38	124	290	369	617	270	15	—	7 100
20 to 24 percent	1 028	26	35	80	148	184	162	296	87	10	—	6 300
25 to 34 percent	1 017	62	186	220	232	137	72	98	10	—	—	4 200
35 percent or more	2 342	1 346	535	298	105	36	15	—	7	—	—	2000—
Not computed	639	253	61	20	29	33	45	99	85	14	—	3 300
SELECTED CHARACTERISTICS												
Automatic clothes washing machine	3 608	330	286	127	142	304	370	1 082	749	155	63	7 700
Clothes dryer	3 602	305	269	174	155	326	267	1 106	774	163	63	7 800
Dishwasher	647	71	—	45	24	21	31	117	180	93	65	10 400
Home food freezer	1 224	171	83	98	48	75	22	342	253	91	41	8 000
Owned second home	132	21	24	—	—	—	20	24	—	—	—	—
With air conditioning	1 205	111	85	62	33	38	75	313	273	175	40	8 900
Room unit(s)	901	72	56	50	33	18	49	265	225	120	13	9 000
Central system	304	39	29	12	—	20	26	48	48	55	27	8 600
Automobiles available:												
1	5 649	629	395	416	484	535	556	1 543	840	228	23	6 700
2	1 936	69	35	55	84	138	165	550	628	189	23	9 300
3 or more	151	6	—	—	7	29	9	39	50	11	—	8 900

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

Table A-4. Plumbing Facilities by Persons Per Room for Owner and Renter Occupied Housing Units: 1970

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

The SMSA	With all plumbing facilities						Locking some or all plumbing facilities				
	Total	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more
Owner occupied housing units	37 035	36 397	17 623	15 506	2 675	593	638	393	166	43	34
PERSONS											
1 person	4 659	4 391	4 380	11	-	-	268	268	-	-	-
2 persons	10 559	10 410	10 032	368	-	10	149	121	28	-	-
3 persons	5 862	5 771	2 402	3 337	21	11	91	4	74	5	8
4 persons	6 082	6 032	547	5 457	23	5	50	-	41	9	-
5 persons	4 431	4 398	262	3 819	286	31	33	-	15	8	10
6 persons or more	5 442	5 395	-	2 514	2 345	536	47	-	10	21	16
Median	3.1	3.1	1.9	4.2	6.5	7.5+	1.8	1.2	3.3	...	...
Units with roomers, boarders, or lodgers	713	708	290	363	45	10	5	5	-	-	-
YEAR STRUCTURE BUILT											
1969 to March 1970	606	606	267	279	42	18	-	-	-	-	-
1965 to 1968	2 707	2 696	1 067	1 420	170	39	11	6	5	-	-
1960 to 1964	3 576	3 544	1 117	2 022	337	68	32	13	13	6	-
1950 to 1959	8 807	8 691	3 520	4 181	874	116	116	40	50	13	13
1940 to 1949	7 226	7 074	3 450	2 986	475	163	152	62	50	27	13
1939 or earlier	14 113	13 778	8 154	4 616	845	163	335	266	62	-	7
INCOME IN 1969											
Less than \$2,000	3 024	2 799	2 478	278	29	14	225	190	25	5	5
\$2,000 to \$2,999	1 707	1 629	1 333	244	40	12	78	73	5	-	-
\$3,000 to \$3,999	1 770	1 719	1 293	320	75	31	51	41	-	10	-
\$4,000 to \$4,999	1 539	1 501	1 169	271	41	20	38	8	30	-	-
\$5,000 to \$5,999	1 585	1 542	961	496	58	27	43	23	15	5	-
\$6,000 to \$6,999	1 896	1 849	951	738	128	32	47	24	19	-	4
\$7,000 to \$9,999	8 492	8 391	3 221	4 188	831	151	101	18	43	15	25
\$10,000 to \$14,999	10 842	10 798	3 804	5 756	1 006	232	44	16	20	8	-
\$15,000 to \$24,999	5 153	5 142	1 890	2 764	432	56	11	-	11	-	-
\$25,000 or more	1 027	1 027	523	451	35	18	-	-	-	-	-
Median	\$9 500	\$9 600	\$7 600	\$11 100	\$10 700	\$10 200	\$3 300	\$2 100	\$6 500	...	...
VALUE-INCOME RATIO											
Specified owner occupied ¹	32 021	31 595	15 089	13 593	2 385	528	426	276	106	28	16
Less than 1.5	16 315	16 135	6 041	8 006	1 712	376	180	67	85	23	5
1.5 to 1.9	5 490	5 431	2 293	2 738	336	64	59	43	10	-	6
2.0 to 2.4	3 094	3 054	1 588	1 288	157	29	40	35	5	-	-
2.5 to 2.9	1 644	1 624	1 066	624	110	24	20	20	-	-	-
3.0 to 3.9	1 718	1 684	1 187	460	28	11	32	32	-	-	-
4.0 or more	3 232	3 158	2 660	443	31	24	74	58	6	5	5
Not computed	328	307	254	42	11	-	21	21	-	-	-
HEATING EQUIPMENT											
Steam or hot water	2 688	2 665	1 334	1 122	156	53	23	15	8	-	-
Warm-air furnace	26 629	26 455	12 606	11 608	1 914	327	174	105	49	5	15
Built-in electric units	429	424	167	211	25	21	5	5	-	-	-
Floor, wall, or pipeless furnace	2 266	2 233	1 116	869	188	60	33	25	4	4	-
Other means	5 010	4 611	2 395	1 692	392	132	399	239	107	34	19
None	13	9	5	4	-	-	4	4	-	-	-
Renter occupied housing units	9 996	9 505	4 370	4 185	760	190	491	212	235	4	40
PERSONS											
1 person	2 612	2 267	2 157	110	-	-	345	181	164	-	-
2 persons	2 612	2 541	1 831	707	-	3	71	25	29	-	17
3 persons	1 807	1 763	327	1 412	14	10	44	6	38	-	-
4 persons	1 360	1 347	37	1 223	76	11	13	-	4	4	5
5 persons	712	700	18	501	147	34	12	-	-	-	12
6 persons or more	893	887	-	232	523	132	6	-	-	-	6
Median	2.4	2.5	1.5	3.4	6.1	7.2	1.2	1.1	1.2	...	...
Units with roomers, boarders, or lodgers	281	270	107	135	21	7	11	-	7	-	4
YEAR STRUCTURE BUILT											
1969 to March 1970	452	452	287	165	-	-	-	-	-	-	-
1965 to 1968	472	472	229	230	13	-	-	-	-	-	-
1960 to 1964	505	505	236	180	70	19	-	-	-	-	-
1950 to 1959	1 291	1 263	510	588	129	36	28	-	11	-	17
1940 to 1949	1 904	1 832	679	968	145	40	72	45	20	-	7
1939 or earlier	5 372	4 984	2 478	2 051	343	112	388	147	209	5	27
INCOME IN 1969											
Less than \$2,000	1 761	1 597	1 076	427	63	31	164	101	45	-	18
\$2,000 to \$2,999	852	788	446	282	31	29	64	11	43	-	10
\$3,000 to \$3,999	678	627	274	312	41	15	51	16	35	-	-
\$4,000 to \$4,999	694	677	346	245	72	14	17	-	11	-	6
\$5,000 to \$5,999	869	798	381	324	74	19	71	33	38	-	-
\$6,000 to \$6,999	872	837	311	424	80	22	35	25	10	-	-
\$7,000 to \$9,999	2 237	2 165	753	1 196	178	38	72	26	36	4	6
\$10,000 to \$14,999	1 486	1 475	571	719	159	26	11	-	11	-	-
\$15,000 to \$24,999	471	465	180	218	62	5	6	-	6	-	-
\$25,000 or more	76	76	32	38	-	6	-	-	-	-	-
Median	\$6 200	\$6 300	\$5 100	\$7 200	\$7 300	\$6 100	\$3 300	\$2 500	\$3 800	...	...
GROSS RENT AS PERCENTAGE OF INCOME											
Specified renter occupied ²	9 587	9 114	4 218	4 008	702	186	473	199	230	4	40
Less than 10 percent	914	856	333	411	97	15	58	21	33	4	-
10 to 14 percent	1 904	1 810	752	860	148	50	94	39	43	-	12
15 to 19 percent	1 743	1 679	681	852	125	21	64	14	44	-	6
20 to 24 percent	1 028	1 000	393	484	113	10	28	5	23	-	-
25 to 34 percent	1 017	938	444	400	64	30	79	26	43	-	10
35 percent or more	2 342	2 239	1 268	784	132	55	103	68	31	-	4
Not computed	639	592	347	217	23	5	47	26	13	-	8
HEATING EQUIPMENT											
Steam or hot water	1 084	903	575	280	34	14	181	21	156	4	-
Warm-air furnace	4 915	4 788	2 209	2 196	320	63	127	81	37	-	9
Built-in electric units	530	525	313	203	4	5	5	5	-	-	-
Floor, wall, or pipeless furnace	979	960	308	492	148	12	19	9	10	-	-
Other means	2 476	2 317	965	1 006	250	96	159	96	32	-	31
None	12	12	-	8	4	-	-	-	-	-	-

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 A-5. Rooms in Owner and Renter Occupied Housing Units: 1970

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

The SMSA	Total	1 room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Median
Owner occupied housing units	37 035	52	154	891	7 006	12 679	9 011	4 086	3 156	5.3
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	36 113	21	91	751	6 649	12 518	8 906	4 041	3 136	5.3
PERSONS										
1 person	4 659	11	61	366	1 561	1 536	632	291	201	4.7
2 persons	10 559	10	58	338	2 937	3 765	2 191	769	491	5.0
3 persons	5 862	19	26	83	1 154	2 174	1 439	604	363	5.3
4 persons	6 082	-	5	32	739	2 334	1 752	673	547	5.5
5 persons	4 431	6	4	31	294	1 532	1 379	628	557	5.8
6 persons or more	5 442	6	-	41	321	1 338	1 618	1 121	997	6.1
Median	3.1	...	1.8	1.7	2.2	3.0	3.6	4.1	4.5	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	36 397	32	125	798	6 783	12 541	8 956	4 036	3 126	5.3
0.50 or less	17 623	-	42	323	4 336	5 237	4 232	1 619	1 834	5.3
0.51 to 1.00	15 506	11	53	389	1 861	5 971	3 908	2 160	1 153	5.4
1.01 to 1.50	2 675	-	21	23	420	1 138	723	227	123	5.3
1.51 or more	593	21	9	63	166	195	93	30	16	4.7
Lacking some or all plumbing facilities	638	20	29	93	223	138	55	50	30	4.3
0.50 or less	393	-	19	43	162	64	30	45	30	4.3
0.51 to 1.00	168	-	5	32	32	69	25	5	-	4.7
1.01 to 1.50	43	-	5	9	24	5	-	-	-	...
1.51 or more	34	20	-	9	5	-	-	-	-	...
BEDROOMS										
None and 1	2 149	41	264	762	838	160	41	20	23	3.5
2	12 728	-	-	124	6 197	5 483	660	189	75	4.5
3	16 530	-	-	-	228	6 849	6 817	2 028	608	5.7
4 or more	5 868	-	-	-	-	105	1 452	1 834	2 477	7.3
YEAR STRUCTURE BUILT										
1969 to March 1970	592	-	-	23	139	182	135	61	52	5.2
1960 to 1968	6 258	6	34	120	888	2 350	1 515	666	679	5.4
1950 to 1959	9 028	30	50	205	1 904	3 437	2 248	756	398	5.2
1949 or earlier	21 157	16	70	543	4 075	6 710	5 113	2 603	2 027	5.4
COMPLETE BATHROOMS										
1 and 1 1/2	32 556	27	83	714	6 525	11 966	8 184	3 181	1 876	5.2
2 or more	3 609	-	8	45	131	560	729	860	1 276	6.9
None or also used by another household	870	24	27	144	261	228	104	63	19	4.4
VALUE-INCOME RATIO										
Specified owner occupied¹	32 021	33	78	584	5 800	11 243	8 058	3 550	2 675	5.3
Less than 1.5	16 315	17	21	301	2 911	5 731	4 170	1 818	1 346	5.4
1.5 to 1.9	5 490	6	11	52	739	2 091	1 515	677	399	5.4
2.0 to 2.9	4 938	10	21	73	805	1 716	1 205	588	520	5.4
3.0 or more	4 950	-	19	158	1 259	1 585	1 099	448	382	5.2
Not computed	328	-	6	-	86	120	69	19	28	5.1
Renter occupied housing units	9 996	310	539	1 889	3 057	2 519	1 002	453	227	4.2
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	9 202	101	411	1 679	2 986	2 407	966	434	218	4.3
PERSONS										
1 person	2 612	274	437	905	617	284	55	21	19	3.2
2 persons	2 612	20	61	675	964	632	166	71	23	4.1
3 persons	1 807	10	14	189	704	557	204	63	66	4.5
4 persons	1 360	-	16	80	476	488	174	89	37	4.7
5 persons	712	6	11	29	147	240	162	99	18	5.2
6 persons or more	893	-	-	11	149	318	241	110	64	5.4
Median	2.4	1.1	1.1	1.6	2.4	3.1	3.9	4.3	3.6	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	9 505	123	452	1 780	2 993	2 495	988	453	221	4.3
0.50 or less	4 370	-	355	847	1 539	906	411	155	157	4.1
0.51 to 1.00	4 185	110	61	823	1 164	1 271	419	273	64	4.4
1.01 to 1.50	760	-	14	76	225	298	133	14	-	4.7
1.51 or more	190	13	22	34	65	20	25	11	-	3.9
Lacking some or all plumbing facilities	491	187	87	109	64	24	14	-	6	2.2
0.50 or less	212	-	82	58	42	10	14	-	6	2.9
0.51 to 1.00	235	164	-	41	16	14	-	-	-	1.2
1.01 to 1.50	4	-	-	4	-	-	-	-	-	...
1.51 or more	40	23	5	6	6	-	-	-	-	...
BEDROOMS										
None	424	332	49	43	-	-	-	-	-	1.1
1	2 820	-	440	1 818	433	129	-	-	-	3.0
2	4 284	-	-	120	2 218	1 640	261	25	20	4.4
3 or more	2 499	-	-	-	137	844	802	502	214	5.8
YEAR STRUCTURE BUILT										
1969 to March 1970	481	31	104	76	118	141	5	6	-	3.8
1960 to 1968	997	18	34	180	319	306	91	33	16	4.3
1950 to 1959	1 280	22	22	154	498	400	115	54	15	4.4
1949 or earlier	7 238	239	379	1 479	2 122	1 672	791	360	196	4.2
COMPLETE BATHROOMS										
1 and 1 1/2	9 054	115	445	1 680	2 986	2 390	904	380	154	4.3
2 or more	229	8	5	7	6	23	62	54	64	6.6
None or also used by another household	713	187	109	179	153	50	28	-	7	2.8
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied²	9 587	310	524	1 850	2 983	2 430	913	387	190	4.2
Less than 10 percent	914	34	50	198	302	204	85	24	17	4.1
10 to 14 percent	1 904	53	47	393	645	502	175	71	18	4.2
15 to 19 percent	1 743	39	74	297	598	458	171	68	38	4.3
20 to 24 percent	1 028	16	46	182	311	308	121	35	9	4.4
25 to 34 percent	1 017	45	85	184	253	285	103	32	30	4.3
35 percent or more	2 342	84	196	512	690	563	176	105	16	4.0
Not computed	639	39	26	84	184	110	82	52	62	4.4

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 A-6. Units in Structure for Owner and Renter Occupied Housing Units: 1970

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

The SMSA	Owner occupied				Renter occupied							
	Total	1 unit	2 units or more	Mobile home or trailer	Total	1 unit	2 units	3 and 4 units	5 to 9 units	10 to 19 units	20 units or more	Mobile home or trailer
All occupied housing units	37 035	34 756	1 325	954	9 996	4 928	1 835	1 200	780	614	564	75
ROOMS												
1 room	52	52	-	-	310	33	10	-	13	65	181	8
2 rooms	154	102	19	33	539	66	57	104	96	43	173	-
3 rooms	891	638	96	157	1 889	366	541	495	187	166	108	26
4 rooms	7 006	6 151	328	527	3 057	1 459	617	350	321	172	97	41
5 rooms	12 679	11 978	511	190	2 519	1 555	439	216	142	162	5	-
6 rooms	9 011	8 742	234	35	1 002	818	138	24	16	6	-	-
7 rooms	4 086	3 991	83	12	453	420	17	11	5	-	-	-
8 rooms or more	3 156	3 102	54	-	227	211	16	-	-	-	-	-
Median	5.3	5.4	4.9	4.0	4.2	4.8	4.0	3.5	3.8	3.7	2.1	...
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	36 397	34 211	1 267	919	9 505	4 842	1 738	1 138	725	570	425	67
0.50 or less	17 623	16 337	724	562	4 370	1 827	814	676	363	328	330	32
0.51 to 1.00	15 506	14 727	451	328	4 185	2 322	795	419	287	232	95	35
1.01 to 1.50	2 675	2 573	83	19	760	569	100	27	54	10	-	-
1.51 or more	593	574	9	10	190	124	29	16	21	-	-	-
Lacking some or all plumbing facilities	638	545	58	35	491	86	97	62	55	44	139	8
0.50 or less	393	328	48	17	212	67	56	44	24	17	4	-
0.51 to 1.00	166	149	10	9	235	19	25	14	21	21	135	-
1.01 to 1.50	43	38	-	5	4	-	-	4	-	-	-	-
1.51 or more	34	30	-	4	40	-	16	-	10	6	-	8
BEDROOMS												
None	64	64	-	-	424	37	24	-	54	20	289	-
1	2 085	1 612	321	152	2 820	377	973	707	365	130	243	25
2	12 728	11 562	516	650	4 284	2 236	891	292	398	299	168	-
3	16 530	16 077	363	90	1 914	1 616	76	108	32	50	-	32
4 or more	5 868	5 695	131	42	585	545	21	-	19	-	-	-
YEAR STRUCTURE BUILT												
1969 to March 1970	592	424	6	162	481	29	5	19	82	152	191	3
1965 to 1968	2 707	2 305	15	387	499	118	5	8	72	223	47	26
1960 to 1964	3 551	3 367	15	169	498	217	24	85	71	39	62	-
1950 to 1959	9 028	8 785	55	188	1 280	1 017	92	49	43	5	28	46
1940 to 1949	7 120	6 885	209	26	1 927	1 212	373	170	143	29	-	-
1939 or earlier	14 037	12 990	1 025	22	5 311	2 335	1 336	869	369	166	236	-
INCOME IN 1969												
Less than \$2,000	3 024	2 666	252	106	1 761	681	338	290	135	90	199	28
\$2,000 to \$2,999	1 707	1 539	96	72	852	322	147	146	67	47	123	-
\$3,000 to \$3,999	1 770	1 618	76	76	678	286	160	72	58	40	56	6
\$4,000 to \$4,999	1 539	1 353	104	82	694	287	141	127	46	31	38	24
\$5,000 to \$5,999	1 585	1 424	67	44	869	434	159	141	66	38	25	6
\$6,000 to \$6,999	1 896	1 752	76	68	872	438	240	106	45	33	10	-
\$7,000 to \$9,999	8 492	8 070	209	213	2 237	1 254	403	158	214	113	84	11
\$10,000 to \$14,999	10 842	10 279	331	232	1 486	926	201	131	105	108	15	-
\$15,000 to \$24,999	5 153	4 993	99	61	471	271	46	29	33	83	9	-
\$25,000 or more	1 027	1 012	15	-	76	29	-	-	11	31	5	-
Median	\$9 500	\$9 600	\$6 900	\$7 400	\$6 200	\$7 000	\$5 800	\$4 700	\$6 400	\$7 700	\$2 700	...
YEAR MOVED INTO UNIT												
1969 to March 1970	3 239	2 825	110	304	4 637	1 993	844	562	410	418	365	45
1968	2 627	2 411	86	130	1 407	771	247	163	78	92	36	20
1967	2 347	2 133	59	155	911	535	173	73	37	35	58	-
1965 and 1966	4 226	3 942	88	196	1 072	632	143	147	95	43	12	-
1960 to 1964	6 837	6 536	166	135	1 051	523	198	180	87	28	29	6
1950 to 1959	9 548	9 146	362	40	595	332	101	86	35	-	31	10
1949 or earlier	8 211	7 739	453	19	323	188	75	22	14	19	5	-
GROSS RENT												
Specified renter occupied	...	...	...	...	9 587	4 519	1 835	1 200	780	614	564	75
Less than \$50	...	...	...	...	388	35	98	62	45	57	91	-
\$50 to \$59	...	...	...	...	450	94	110	113	58	9	57	9
\$60 to \$69	...	...	...	...	760	185	192	203	65	35	77	3
\$70 to \$79	...	...	...	...	1 113	364	311	233	99	41	51	14
\$80 to \$99	...	...	...	...	2 366	1 059	567	348	230	41	103	18
\$100 to \$119	...	...	...	...	1 778	1 184	280	170	47	26	54	17
\$120 to \$149	...	...	...	...	1 174	655	199	40	146	76	62	6
\$150 to \$199	...	...	...	...	916	409	46	16	84	301	60	-
\$200 to \$299	...	...	...	...	139	87	10	15	-	22	5	-
\$300 or more	...	...	...	...	7	7	-	-	-	-	-	-
No cash rent	...	...	...	...	496	440	22	-	6	6	14	8
Median	...	...	...	...	\$95	\$105	\$85	\$80	\$88	\$153	\$80	...
HEATING EQUIPMENT												
Steam or hot water	2 688	2 520	168	-	1 084	216	124	229	159	162	194	-
Warm-air furnace	26 629	25 028	835	766	4 915	2 654	852	542	425	275	114	53
Built-in electric units	429	415	9	5	530	31	45	44	51	129	230	-
Floor, wall or pipeless furnace	2 266	2 124	79	63	979	617	186	98	50	16	7	5
Other means	5 010	4 660	230	120	2 476	1 398	628	287	95	32	19	17
None	13	9	4	-	12	12	-	-	-	-	-	-
AIR CONDITIONING												
Room units	2 093	1 903	118	72	901	236	132	50	168	229	86	-
Central system	446	391	21	34	304	13	6	-	40	200	45	-
None	34 496	32 438	1 185	873	8 791	4 725	1 643	1 183	548	206	405	81
AUTOMOBILES AVAILABLE												
1	18 193	16 858	686	649	5 649	2 773	1 021	691	500	378	238	48
2	13 572	13 080	283	209	1 936	1 270	228	146	110	138	14	30
3 or more	2 411	2 311	87	13	151	118	17	7	9	9	-	-
None	2 859	2 483	268	108	2 260	813	515	389	146	110	284	3

Excludes one-family homes on 10 acres or more

Table A-7. Household Composition for Owner and Renter Occupied Housing Units: 1970

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

The SMSA	Two-or-more-person households										One-person households	
	Total	Male head, wife present, no nonrelatives					Other male head		Female head		Under 65 years	65 years and over
		Under 25 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Under 65 years	65 years and over	Under 65 years	65 years and over		
Owner occupied housing units	37 035	951	5 062	6 574	12 321	3 718	756	185	2 163	646	2 058	2 601
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	36 397	951	5 031	6 526	12 199	3 620	748	178	2 134	619	1 971	2 420
0.50 or less	17 623	307	731	1 014	6 029	3 058	411	131	1 092	470	1 966	2 414
0.51 to 1.00	15 506	622	3 650	4 208	5 252	5 269	269	39	783	135	5	6
1.01 to 1.50	2 675	22	535	1 105	726	5	64	8	205	5	-	-
1.51 or more	593	-	115	199	192	20	4	-	54	9	-	-
Lacking some or all plumbing facilities	638	-	31	48	122	98	8	7	29	27	87	181
0.50 or less	393	-	5	5	31	56	-	7	10	11	87	181
0.51 to 1.00	168	-	15	10	68	42	3	-	14	16	-	-
1.01 to 1.50	43	-	5	28	5	-	5	-	-	-	-	-
1.51 or more	34	-	6	5	18	-	-	-	5	-	-	-
UNITS IN STRUCTURE												
1	34 756	816	4 744	6 417	11 789	3 506	696	180	1 985	568	1 808	2 247
2 or more	1 325	20	136	148	313	148	30	-	119	54	114	243
Mobile home or trailer	954	115	182	9	219	64	30	5	59	24	136	111
INCOME IN 1969												
Less than \$2,000	3 024	13	56	48	205	277	33	23	234	144	503	1 488
\$2,000 to \$2,999	1 707	15	34	30	130	534	22	19	198	57	192	476
\$3,000 to \$3,999	1 770	37	33	72	200	617	31	31	244	64	181	260
\$4,000 to \$4,999	1 539	34	95	57	226	565	10	20	164	57	194	117
\$5,000 to \$5,999	1 585	50	133	104	352	334	61	15	220	45	186	85
\$6,000 to \$6,999	1 896	112	273	213	543	272	20	16	245	28	110	64
\$7,000 to \$9,999	8 492	420	2 030	1 482	2 795	463	227	9	414	157	432	63
\$10,000 to \$14,999	10 842	231	1 862	2 744	4 709	390	255	40	305	77	208	21
\$15,000 to \$24,999	5 153	39	479	1 551	2 633	169	82	8	131	12	32	17
\$25,000 or more	1 027	-	67	273	528	97	15	4	8	5	20	10
Median	\$9 500	\$8 500	\$9 800	\$12 300	\$11 800	\$4 800	\$9 700	\$5 000	\$6 100	\$5 000	\$4 800	\$2000-
VALUE-INCOME RATIO												
Specified owner occupied ¹	32 021	760	4 333	5 954	10 843	3 195	632	151	1 862	537	1 656	2 098
Less than 1.5	16 315	479	2 447	3 553	7 143	868	385	54	882	225	477	102
1.5 to 1.9	5 490	157	1 052	1 165	1 847	435	82	31	357	46	229	89
2.0 to 2.4	3 094	74	499	588	836	446	40	12	169	39	240	151
2.5 to 2.9	1 844	21	156	341	339	370	69	25	207	28	124	164
3.0 to 3.9	1 718	17	76	207	336	489	26	9	164	37	126	231
4.0 or more	3 232	12	98	83	298	578	26	14	339	153	382	1 249
Not computed	328	-	5	17	44	9	4	6	44	9	78	112
Renter occupied housing units	9 996	1 572	1 731	713	943	328	285	46	1 658	108	1 616	996
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	9 505	1 567	1 710	693	912	314	280	39	1 620	103	1 368	899
0.50 or less	4 370	513	272	77	431	229	116	39	485	51	1 313	844
0.51 to 1.00	4 185	680	1 120	449	386	79	122	-	887	52	55	55
1.01 to 1.50	760	62	291	128	73	6	19	-	181	-	-	-
1.51 or more	190	12	27	39	22	-	23	-	67	-	-	-
Lacking some or all plumbing facilities	491	5	21	20	31	14	5	7	38	5	248	97
0.50 or less	212	-	6	-	10	-	-	-	10	5	111	70
0.51 to 1.00	235	5	5	-	14	14	-	7	24	-	137	27
1.01 to 1.50	4	-	4	-	-	-	-	-	-	-	-	-
1.51 or more	40	-	6	20	5	-	5	-	4	-	-	-
UNITS IN STRUCTURE												
1	4 928	863	1 099	509	596	144	146	14	928	68	317	244
2 to 4	3 035	484	445	115	208	78	101	21	543	12	662	366
5 to 19	1 394	203	169	76	119	61	38	11	174	23	404	116
20 or more	564	9	5	5	20	45	-	-	-	5	212	263
Mobile home or trailer	75	13	13	8	-	-	-	-	13	-	21	7
GROSS RENT												
Specified renter occupied ²	9 587	1 520	1 613	662	870	328	272	46	1 599	108	1 607	962
Less than \$50	388	-	4	6	15	26	-	5	17	-	122	193
\$50 to \$59	450	28	35	11	39	6	-	8	48	-	176	99
\$60 to \$69	760	107	68	28	32	12	16	12	88	12	258	127
\$70 to \$79	1 113	174	173	21	102	36	22	6	204	4	213	158
\$80 to \$99	2 366	533	371	142	175	52	70	-	478	30	392	123
\$100 to \$119	1 778	312	462	145	129	56	73	-	371	15	158	57
\$120 to \$149	1 174	220	248	76	147	35	41	5	216	-	131	55
\$150 to \$199	916	122	186	103	110	46	32	5	144	19	81	68
\$200 to \$299	139	-	30	52	36	13	-	-	-	-	-	8
\$300 or more	7	-	-	7	-	-	-	-	-	-	-	-
No cash rent	496	24	36	71	85	46	18	5	33	28	76	74
GROSS RENT AS PERCENTAGE OF INCOME BY INCOME												
Specified renter occupied ²	9 587	1 520	1 613	662	870	328	272	46	1 599	108	1 607	962
Less than \$5,000	3 860	270	201	53	141	195	95	26	1 152	75	779	873
Less than 20 percent	224	23	11	6	24	10	-	-	33	4	81	32
20 to 24 percent	289	32	25	4	13	20	8	7	39	-	87	54
25 to 34 percent	700	100	63	23	24	66	16	13	145	16	119	115
35 percent or more	2 284	104	96	12	70	64	61	6	875	37	382	577
Not computed	363	11	6	8	10	35	10	-	60	18	110	95
\$5,000 to \$9,999	3 799	1 001	846	276	351	52	122	15	331	18	709	78
Less than 20 percent	2 622	750	605	150	221	28	65	5	190	8	568	32
20 to 24 percent	642	156	184	70	27	14	40	-	45	-	84	22
25 to 34 percent	307	66	28	28	40	4	4	5	76	5	51	-
35 percent or more	51	14	6	5	16	-	-	-	5	-	-	5
Not computed	177	15	23	23	47	6	13	5	15	5	6	19
\$10,000 to \$14,999	1 390	205	444	247	218	40	45	-	79	10	91	11
Less than 20 percent	1 201	197	405	168	191	35	45	-	67	5	80	8
20 to 24 percent	87	5	30	32	5	-	-	-	12	-	-	3
25 percent or more	17	-	5	7	-	5	-	-	-	-	-	-
Not computed	85	3	4	40	22	-	-	-	-	5	11	-
\$15,000 or more	538	44	122	86	160	41	10	5	37	5	28	-
Less than 20 percent	514	44	119	76	154	36	10	5	37	5	28	-
20 to 24 percent	10	-	-	10	-	-	-	-	-	-	-	-
25 percent or more	-	-	-	-	-	-	-	-	-	-	-	-
Not computed	14	-	3	-	6	5	-	-	-	-	-	-

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 A-8. Persons in Owner and Renter Occupied Housing Units: 1970

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

The SMSA	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons or more	Median
Owner occupied housing units	37 035	4 659	10 559	5 862	6 082	4 431	2 745	1 576	1 121	3.1
BEDROOMS										
None and 1	2 149	1 005	804	179	70	51	18	-	22	1.6
2	12 728	2 579	5 685	2 158	1 301	523	243	175	64	2.2
3	16 530	928	3 044	3 092	3 826	2 891	1 576	745	428	3.8
4 or more	5 868	305	1 020	610	881	848	819	704	681	4.6
YEAR STRUCTURE BUILT										
1969 to March 1970	592	36	165	127	117	68	48	7	24	3.2
1965 to 1968	2 707	173	617	437	649	412	227	119	73	3.7
1960 to 1964	3 551	194	696	554	813	659	381	173	81	3.9
1950 to 1959	9 028	646	2 451	1 563	1 728	1 237	784	392	227	3.4
1940 to 1949	7 120	898	2 151	1 193	1 139	784	478	288	189	2.9
1939 or earlier	14 037	2 712	4 479	1 988	1 636	1 271	827	597	527	2.5
UNITS IN STRUCTURE										
1	34 756	4 055	9 809	5 486	5 845	4 299	2 642	1 504	1 116	3.1
2 or more	1 325	357	357	230	125	111	73	67	5	2.4
Mobile home or trailer	954	247	393	146	112	21	30	5	-	2.1
COMPLETE BATHROOMS										
1 and 1 1/2	32 556	4 066	9 561	5 222	5 296	3 800	2 391	1 262	958	3.0
2 and 2 1/2	3 207	187	699	470	672	525	312	218	124	3.9
3 or more	402	51	88	51	28	61	61	30	32	3.9
None or also used by another household	870	320	230	96	92	68	29	28	7	2.0
HOUSEHOLD COMPOSITION										
Two-or-more-person households	32 376		10 559	5 862	6 082	4 431	2 745	1 576	1 121	3.5
Male head, wife present, no nonrelatives	28 626		8 636	5 012	5 637	4 174	2 533	1 413	1 021	3.6
Under 25 years	951		247	378	256	58	12	-	-	3.1
25 to 34 years	5 062		353	860	1 721	1 213	579	231	105	4.3
35 to 44 years	6 574		444	659	1 461	1 579	1 147	729	555	5.0
45 to 64 years	12 321		4 775	2 612	2 076	1 269	781	453	355	3.0
65 years and over	3 718		3 017	503	123	55	14	-	6	2.1
Other male head	941		442	239	117	45	48	45	5	2.6
Under 65 years	756		325	200	106	41	40	39	5	2.8
65 years and over	185		117	39	11	4	8	6	-	2.3
Female head	2 809		1 281	611	328	212	164	118	95	2.7
Under 65 years	2 163		826	476	295	206	156	113	91	3.0
65 years and over	646		455	135	33	6	8	5	4	2.2
One-person households	4 659	4 659								1.0
VALUE-INCOME RATIO										
Specified owner occupied	32 021	3 754	9 089	5 055	5 400	3 915	2 412	1 374	1 022	3.1
Less than 1.5	16 315	579	4 088	3 129	3 026	2 316	1 479	942	756	3.6
1.5 to 1.9	5 490	318	1 513	960	1 184	736	476	195	108	3.5
2.0 to 2.4	3 094	391	944	380	533	443	212	133	58	3.1
2.5 to 2.9	1 844	288	672	213	252	194	122	56	47	2.4
3.0 to 3.9	1 718	357	756	166	177	149	63	25	25	2.2
4.0 or more	3 232	1 631	1 037	192	205	71	45	23	28	1.5
Not computed	328	190	79	15	23	6	15	-	-	1.4
Renter occupied housing units	9 996	2 612	2 612	1 807	1 360	712	414	314	165	2.4
BEDROOMS										
None	424	387	18	-	19	-	-	-	-	1.0
1	2 820	1 351	1 115	161	155	38	-	-	-	1.6
2	4 284	686	1 334	997	646	312	193	116	-	2.6
3 or more	2 499	99	327	512	556	416	223	227	139	4.1
YEAR STRUCTURE BUILT										
1969 to March 1970	481	214	153	72	25	17	-	-	-	1.7
1965 to 1968	499	127	167	62	85	25	27	6	-	2.2
1960 to 1964	498	103	135	61	89	24	32	23	31	2.7
1950 to 1959	1 280	189	332	290	221	105	71	44	28	2.9
1940 to 1949	1 927	316	536	445	287	201	55	61	26	2.8
1939 or earlier	5 311	1 663	1 289	877	653	340	229	180	80	2.3
UNITS IN STRUCTURE										
1	4 928	561	1 179	1 037	878	536	342	270	125	3.2
2	1 835	512	528	392	222	92	39	24	22	2.3
3 and 4	1 200	516	374	144	86	56	20	4	4	1.7
5 to 9	780	249	230	136	110	17	8	16	14	2.1
10 to 19	614	271	215	67	45	11	5	-	-	1.7
20 or more	564	475	70	14	5	-	-	-	-	1.1
Mobile home or trailer	75	28	16	17	14	-	-	-	-	...
COMPLETE BATHROOMS										
1 and 1 1/2	9 054	2 235	2 406	1 695	1 287	633	380	239	179	2.5
2 or more	229	23	60	44	17	35	6	44	-	3.2
None or also used by another household	713	385	125	96	48	26	8	25	-	1.4
HOUSEHOLD COMPOSITION										
Two-or-more-person households	7 384		2 612	1 807	1 360	712	414	314	165	3.1
Male head, wife present, no nonrelatives	5 287		1 801	1 292	1 051	538	294	176	135	3.2
Under 25 years	1 572		630	602	249	77	8	6	-	2.8
25 to 34 years	1 731		345	332	526	269	177	58	24	3.9
35 to 44 years	713		93	129	144	87	75	73	73	4.7
45 to 64 years	943		439	223	147	43	16	37	38	2.6
65 years and over	328		294	23	-	5	6	-	-	2.1
Other male head	331		169	59	54	12	7	26	4	2.5
Under 65 years	285		127	55	54	12	7	26	4	2.8
65 years and over	46		42	4	-	-	-	-	-	...
Female head	1 766		642	456	255	162	113	112	26	3.0
Under 65 years	1 658		556	447	242	162	113	112	26	3.1
65 years and over	108		86	9	13	-	-	-	-	2.1
One-person households	2 612	2 612								1.0
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied	9 587	2 569	2 490	1 770	1 287	665	387	267	152	2.4
Less than 10 percent	914	195	258	164	155	43	52	21	26	2.5
10 to 14 percent	1 904	302	642	400	358	279	155	56	32	2.5
15 to 19 percent	1 743	332	459	404	290	137	48	43	30	2.7
20 to 24 percent	1 028	215	215	193	178	50	78	43	21	2.8
25 to 34 percent	1 017	285	263	188	95	70	52	39	25	2.3
35 percent or more	2 342	964	500	351	208	150	82	80	7	1.9
Not computed	639	241	153	70	82	60	19	9	5	2.0

*Limited to one-family homes on less than 10 acres and no business on property. †Excludes one-family homes on 10 acres or more.

Table A-9. Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1970

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

The SMSA	The SMSA				The SMSA	The SMSA			
	Total	Less than 2 months	2 up to 6 months	6 months or more		Total	Less than 2 months	2 up to 6 months	6 months or more
Vacant for sale	355	73	145	137	Vacant for rent	788	309	298	181
ROOMS					ROOMS				
1 to 3 rooms	51	5	12	34	1 room	43	22	-	21
4 rooms	47	6	23	18	2 rooms	58	14	15	29
5 rooms	107	11	60	36	3 rooms	196	64	82	50
6 rooms	90	21	38	31	4 rooms	226	116	80	30
7 rooms or more	60	30	12	18	5 rooms	196	71	87	38
PLUMBING FACILITIES					6 rooms	49	17	22	10
With all plumbing facilities	332	68	141	123	7 rooms or more	20	5	12	3
Lacking some or all plumbing facilities	23	5	4	14	PLUMBING FACILITIES				
BEDROOMS					With all plumbing facilities	726	285	277	164
None and 1	119	-	42	77	Lacking some or all plumbing facilities	62	24	21	17
2	222	64	52	106	BEDROOMS				
3	41	-	26	15	None	31	16	-	15
4 or more	15	-	-	15	1	344	118	139	87
YEAR STRUCTURE BUILT					2	166	66	65	35
1969 to March 1970	17	6	8	3	3 or more	123	75	48	-
1960 to 1968	59	27	12	20	YEAR STRUCTURE BUILT				
1950 to 1959	42	-	34	8	1969 to March 1970	76	26	16	34
1949 or earlier	237	40	91	106	1960 to 1968	72	31	13	28
UNITS IN STRUCTURE					1950 to 1959	32	23	9	-
1	314	64	131	119	1949 or earlier	608	229	260	119
2 or more	41	9	14	18	UNITS IN STRUCTURE				
HEATING EQUIPMENT					1	258	54	140	64
Steam or hot water	26	4	15	7	2 to 4	272	127	93	52
Warm-air furnace	263	61	93	109	5 to 9	102	57	41	4
Built-in electric units	8	3	-	5	10 to 19	92	62	10	20
Floor, wall, or pipeless furnace	11	-	11	-	20 or more	64	9	14	41
Other means	43	5	26	12	RENT ASKED				
None	4	-	-	4	Specified vacant for rent ²	775	300	298	177
SALES PRICE ASKED					Less than \$50	81	28	36	17
Specified vacant for sale ¹	306	64	131	111	\$50 to \$59	90	40	42	8
Less than \$5,000	45	-	24	21	\$60 to \$79	242	70	90	82
\$5,000 to \$9,999	127	23	58	46	\$80 to \$99	186	73	79	34
\$10,000 to \$14,999	63	9	23	31	\$100 to \$119	64	20	30	14
\$15,000 to \$19,999	33	8	12	13	\$120 to \$149	40	20	11	9
\$20,000 to \$24,999	10	7	3	-	\$150 to \$199	68	45	10	13
\$25,000 to \$34,999	18	7	11	-	\$200 or more	4	4	-	-
\$35,000 to \$49,999	7	7	-	-	Median rent asked	\$78	\$83	\$76	\$75
\$50,000 or more	3	3	-	-					
Median price asked	\$9 500	...	\$9 000	\$9 100					

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 A-10. Sales Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1970

[Data based on sample, see text. For meaning of symbols, see text]

The SMSA	Sales price asked—Vacant for sale ¹							Rent asked—Vacant for rent ²						
	Total	Less than \$10,000	\$10,000 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 or more	Total	Less than \$60	\$60 to \$79	\$80 to \$99	\$100 to \$149	\$150 to \$199	\$200 or more
Total	306	172	63	33	10	18	10	775	171	242	186	104	68	4
PLUMBING FACILITIES														
With all plumbing facilities	293	225	15	34	-	19	-	614	134	227	152	67	34	-
Lacking some or all plumbing facilities	19	19	-	-	-	-	-	35	35	-	-	-	-	-
BEDROOMS														
None and 1	94	94	-	-	-	-	-	375	114	182	60	19	-	-
2	177	124	15	19	-	19	-	166	37	15	62	33	19	-
3	41	26	-	15	-	-	-	78	18	30	15	-	15	-
4 or more	-	-	-	-	-	-	-	30	-	-	15	15	-	-
YEAR STRUCTURE BUILT														
1969 to March 1970	17	8	-	-	-	3	6	76	7	21	-	9	39	-
1960 to 1968	54	10	9	17	7	7	4	72	14	-	15	17	22	4
1950 to 1959	42	25	10	4	3	-	-	26	4	4	10	4	4	-
1949 or earlier	193	129	44	12	-	8	-	601	146	217	161	74	3	-
UNITS IN STRUCTURE														
1 .....	...	...	...	...	...	...	...	245	61	78	65	41	-	-
2 to 4 .....	...	...	...	...	...	...	...	272	82	91	64	35	-	-
5 to 19 .....	...	...	...	...	...	...	...	194	23	47	46	20	54	4
20 or more .....	...	...	...	...	...	...	...	64	5	26	11	8	14	-
INCLUSION OF UTILITIES IN RENT														
All utilities included .....	...	...	...	...	...	...	...	357	80	103	104	57	9	4
Some or no utilities included .....	...	...	...	...	...	...	...	418	91	139	82	47	59	-

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 B-1. Value of Owner Occupied Housing Units: 1970

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

Muskegon	Total	Less than \$5,000	\$5,000 to \$7,499	\$7,500 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)
Specified owner occupied¹	9 020	268	948	2 217	2 154	1 335	1 235	454	282	97	30	11 300
ROOMS												
1 and 2 rooms	30	5	—	—	13	6	6	—	—	—	—	—
3 rooms	121	25	33	17	36	10	—	—	—	—	—	7 900
4 rooms	1 576	70	218	462	454	221	137	14	—	—	—	10 200
5 rooms	3 027	95	353	813	584	467	457	190	63	5	—	11 100
6 rooms	2 239	35	218	490	513	379	373	121	89	21	—	11 800
7 rooms	1 194	29	79	279	328	163	180	56	71	9	—	11 600
8 rooms or more	833	9	47	156	226	89	82	73	59	62	30	12 300
Median	5.4	4.9	5.1	5.3	5.5	5.4	5.5	5.7	6.4	—	—	—
PERSONS												
1 person	1 543	91	271	488	388	175	92	21	12	5	—	9 600
2 persons	3 009	111	325	746	715	404	416	184	74	29	5	11 100
3 persons	1 368	23	166	314	365	206	160	49	68	11	6	11 200
4 persons	1 157	13	68	254	221	229	218	90	40	19	2	12 700
5 persons	861	9	48	153	184	150	202	58	30	18	9	13 100
6 persons or more	1 082	21	70	262	281	171	147	52	58	15	5	11 700
Median	2.5	1.9	2.1	2.3	2.5	2.9	3.2	2.9	3.3	—	—	—
Units with roomers, boarders, or lodgers	158	4	38	59	22	13	13	9	—	—	—	9 100
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	8 928	240	925	2 196	2 149	1 331	1 224	454	282	97	30	11 300
0.50 or less	5 231	167	655	1 387	1 272	645	618	253	137	72	25	10 800
0.51 to 1.00	3 105	57	221	643	723	573	527	190	141	25	5	12 200
1.01 to 1.50	495	6	37	139	131	93	74	11	4	—	—	11 300
1.51 or more	97	10	12	27	23	20	5	—	—	—	—	—
Lacking some or all plumbing facilities	92	28	23	21	5	4	11	—	—	—	—	—
0.50 or less	63	28	15	11	5	4	—	—	—	—	—	—
0.51 to 1.00	23	—	8	10	—	—	5	—	—	—	—	—
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—	—	—
1.51 or more	6	—	—	—	—	—	6	—	—	—	—	—
BEDROOMS												
None and 1	432	97	76	152	89	18	—	—	—	—	—	8 200
2	2 996	182	409	951	748	393	172	123	18	—	—	9 900
3	4 016	17	367	759	889	710	710	359	142	63	—	12 400
4 or more	1 655	21	107	309	550	242	287	22	77	—	40	11 800
YEAR STRUCTURE BUILT												
1969 to March 1970	9	—	—	—	—	—	—	—	4	5	—	—
1965 to 1968	165	—	8	—	11	23	67	45	14	5	—	18 800
1960 to 1964	466	—	8	5	46	67	157	66	73	34	10	18 100
1950 to 1959	1 151	4	37	89	150	259	359	139	84	21	9	15 500
1940 to 1949	1 487	36	77	267	366	305	278	113	30	9	6	12 500
1939 or earlier	5 742	228	826	1 856	1 581	681	374	91	77	23	5	9 900
COMPLETE BATHROOMS												
1 and 1 1/2	8 029	201	895	2 145	1 952	1 208	1 095	312	190	24	7	11 000
2 and 2 1/2	753	14	53	163	163	91	144	115	89	69	15	16 700
3 or more	27	—	—	—	—	—	—	7	—	13	7	—
None or also used by another household	196	32	47	57	15	9	25	11	—	—	—	8 300
HOUSEHOLD COMPOSITION												
Two-or-more-person households	7 477	177	677	1 729	1 766	1 160	1 143	433	270	92	30	11 600
Male head, wife present, no nonrelatives	6 384	125	510	1 440	1 497	1 047	1 034	371	247	92	21	11 900
Under 25 years	157	12	31	53	40	13	8	—	—	—	—	9 200
25 to 34 years	714	4	38	186	134	158	143	41	5	5	—	12 400
35 to 44 years	1 199	—	59	218	300	183	259	83	59	33	5	12 800
45 to 64 years	3 076	56	227	605	716	557	499	201	155	44	16	12 300
65 years and over	1 238	53	155	378	307	136	125	46	28	10	—	10 300
Other male head	259	10	25	67	85	15	27	15	15	—	—	10 800
Under 65 years	172	10	20	42	46	6	23	10	15	—	—	10 800
65 years and over	87	—	5	25	39	9	4	5	—	—	—	—
Female head	834	42	142	222	184	98	82	47	8	—	9	10 100
Under 65 years	553	19	75	131	133	66	74	38	8	—	9	11 000
65 years and over	281	23	67	91	51	32	8	9	—	—	—	8 900
One-person households	1 543	91	271	488	388	175	92	21	12	5	—	9 600
Under 65 years	620	24	121	176	187	57	51	4	—	—	—	9 800
65 years and over	923	67	150	312	201	118	41	17	12	5	—	9 500
INCOME IN 1969												
Less than \$2,000	878	70	200	275	155	95	59	19	—	5	—	9 000
\$2,000 to \$2,999	482	28	109	142	116	57	11	10	9	—	—	9 300
\$3,000 to \$3,999	584	33	92	204	131	74	41	9	—	—	—	9 500
\$4,000 to \$4,999	452	10	91	125	131	40	39	11	5	—	—	10 000
\$5,000 to \$5,999	462	17	54	134	140	55	48	9	5	—	—	10 500
\$6,000 to \$6,999	403	20	76	143	72	32	24	31	—	5	—	9 300
\$7,000 to \$9,999	2 043	39	224	613	536	265	279	55	28	—	4	10 700
\$10,000 to \$14,999	2 415	47	83	455	610	486	493	154	77	5	5	12 600
\$15,000 to \$24,999	1 082	4	14	112	253	196	216	142	102	33	10	14 500
\$25,000 or more	219	—	5	14	10	35	25	14	56	49	11	26 200
Median	\$8 800	\$4 300	\$4 800	\$7 400	\$8 900	\$10 500	\$11 200	\$12 700	\$16 700	—	—	—
YEAR MOVED INTO UNIT												
1969 to March 1970	544	—	71	161	99	90	81	13	17	12	—	11 000
1968	471	6	30	119	96	78	95	27	20	—	—	12 100
1967	441	14	25	100	146	64	70	—	22	—	—	11 400
1965 and 1966	820	11	94	95	217	112	176	51	37	20	7	12 400
1960 to 1964	1 486	34	112	313	336	198	249	125	61	50	8	12 100
1950 to 1959	2 650	50	253	612	642	423	393	158	94	18	7	11 600
1949 or earlier	2 593	118	371	855	594	343	200	64	35	6	7	9 900
HEATING EQUIPMENT												
Steam or hot water	500	10	32	73	104	51	93	71	38	23	5	14 000
Warm-air furnace	7 060	100	450	1 661	1 870	1 200	1 073	378	229	74	25	11 800
Built-in electric units	7	—	—	—	—	7	—	—	—	—	—	—
Floor, wall, or pipeless furnace	507	32	165	187	74	23	15	—	11	—	—	8 300
Other means	946	126	301	296	106	54	54	5	4	—	—	7 900
None	—	—	—	—	—	—	—	—	—	—	—	—
AIR CONDITIONING												
Room units	588	13	32	137	107	101	108	48	22	13	7	12 600
Central system	103	—	6	38	6	17	23	7	—	6	—	—
None	8 314	220	918	2 080	2 017	1 190	1 133	383	264	87	22	11 200

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

Table B-2. Gross Rent of Renter Occupied Housing Units: 1970

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

Muskegon	Total	Less than \$50	\$50 to \$59	\$60 to \$69	\$70 to \$79	\$80 to \$99	\$100 to \$119	\$120 to \$149	\$150 to \$199	\$200 to \$299	\$300 or more	No cash rent	Median (dollars)
Specified renter occupied¹	4 856	190	282	465	670	1 279	831	659	243	20	7	210	91
ROOMS													
1 room	233	29	52	76	36	20	3	-	12	-	-	5	64
2 rooms	370	62	25	62	48	133	29	5	6	-	-	-	78
3 rooms	1 048	62	74	185	232	279	93	86	10	-	-	27	78
4 rooms	1 374	21	84	94	231	420	231	191	56	-	-	46	91
5 rooms	1 050	16	36	37	100	275	276	185	72	10	-	43	103
6 rooms	478	-	11	11	12	106	144	116	45	5	7	21	112
7 rooms	190	-	-	-	11	36	34	63	23	-	-	23	121
8 rooms or more	113	-	-	-	-	10	21	13	19	5	-	45	...
Median	4.0	2.6	3.4	3.0	3.6	4.0	4.7	4.8	5.0	...	...	5.1	...
PERSONS													
1 person	1 604	154	197	280	246	357	128	110	43	-	-	89	75
2 persons	1 286	27	55	103	256	378	190	155	78	5	-	39	89
3 persons	802	-	23	38	117	252	176	132	46	5	-	13	98
4 persons	602	9	-	38	25	180	138	154	29	-	-	29	105
5 persons	279	-	7	6	20	84	69	36	25	10	-	29	104
6 persons or more	283	-	-	-	6	28	130	72	22	-	7	11	115
Median	2.1	1.1	1.2	1.3	1.8	2.2	3.1	3.0	2.5	...	...	1.9	...
Units with roomers, boarders, or lodgers	153	4	9	7	28	27	40	26	7	-	-	5	90
PLUMBING FACILITIES BY PERSONS PER ROOM													
With all plumbing facilities	4 519	130	231	308	649	1 269	831	638	232	20	7	204	93
0.50 or less	2 345	94	182	202	372	610	325	295	122	10	-	133	88
0.51 to 1.00	1 846	31	49	94	249	564	404	283	95	10	-	67	96
1.01 to 1.50	230	5	-	12	16	56	77	38	15	-	7	4	106
1.51 or more	98	-	-	-	12	39	25	22	-	-	-	-	...
Lacking some or all plumbing facilities	337	60	51	157	21	10	-	21	11	-	-	6	63
0.50 or less	136	36	10	51	11	5	-	11	6	-	-	6	64
0.51 to 1.00	186	24	41	91	10	5	-	10	5	-	-	-	63
1.01 to 1.50	4	-	-	4	-	-	-	-	-	-	-	-	...
1.51 or more	11	-	-	11	-	-	-	-	-	-	-	-	...
BEDROOMS													
None	341	44	106	80	49	44	18	-	-	-	-	-	...
1	1 800	118	106	301	463	437	194	108	24	-	-	49	78
2	1 858	21	-	44	272	589	540	262	86	-	-	44	99
3 or more	877	-	-	-	60	159	259	194	67	53	26	59	115
YEAR STRUCTURE BUILT													
1969 to March 1970	225	7	-	-	36	49	58	49	11	15	-	-	107
1965 to 1968	87	-	-	-	5	9	5	50	11	-	-	7	...
1960 to 1964	126	-	6	7	-	-	22	36	45	-	-	10	139
1950 to 1959	182	-	-	-	9	5	49	58	34	-	-	27	128
1940 to 1949	866	-	38	81	127	310	142	96	32	7	-	33	90
1939 or earlier	3 370	183	238	377	493	906	555	370	110	5	-	133	87
ELEVATOR IN STRUCTURE													
4 floors or more	303	-	61	80	49	71	42	-	-	-	-	-	...
With elevator	202	-	-	40	49	71	42	-	-	-	-	-	...
Walk-up	101	-	61	40	-	-	-	-	-	-	-	-	...
1 to 3 floors	4 573	183	151	345	795	1 158	969	564	177	53	26	152	93
COMPLETE BATHROOMS													
1 and 1 1/2	4 262	116	233	285	575	1 265	754	622	218	14	-	180	93
2 or more	97	8	-	-	-	-	10	20	33	-	-	26	...
None or also used by another household	493	72	65	191	54	24	19	39	13	-	-	16	65
INCOME IN 1969													
Less than \$2,000	962	105	76	99	157	246	108	61	47	-	-	63	81
\$2,000 to \$2,999	434	31	31	69	55	114	64	53	-	-	-	17	85
\$3,000 to \$3,999	392	7	32	51	40	91	90	61	10	-	-	10	93
\$4,000 to \$4,999	350	15	28	31	43	108	38	81	-	-	-	6	90
\$5,000 to \$5,999	424	10	21	85	86	106	55	37	9	-	-	15	80
\$6,000 to \$6,999	465	-	22	32	107	145	85	41	18	-	-	15	86
\$7,000 to \$9,999	1 015	17	34	64	116	288	243	157	46	5	-	45	98
\$10,000 to \$14,999	616	5	32	28	45	143	92	128	88	15	7	33	108
\$15,000 to \$24,999	174	-	6	6	15	38	48	35	20	-	-	6	108
\$25,000 or more	24	-	-	-	6	-	8	5	5	-	-	-	...
Median	\$5 700	\$2000-	\$4 100	\$4 400	\$5 500	\$5 800	\$6 700	\$6 900	\$9 400	...	...	\$5 600	...
YEAR MOVED INTO UNIT													
1969 to March 1970	2 253	61	73	171	247	735	427	353	131	14	-	41	95
1968	602	21	30	63	100	169	75	96	34	-	-	14	87
1967	473	5	54	29	58	112	102	71	19	-	-	23	94
1965 and 1966	429	19	39	36	52	92	101	39	30	-	-	21	94
1960 to 1964	562	68	46	99	82	116	44	56	23	-	-	28	77
1950 to 1959	370	15	32	70	90	41	28	46	12	-	-	36	76
1949 or earlier	163	7	24	8	-	24	6	20	15	-	-	59	...
GROSS RENT AS PERCENTAGE OF INCOME													
Less than 10 percent	461	32	78	75	81	102	62	26	5	-	-	...	76
10 to 14 percent	947	22	42	111	174	327	156	85	30	-	-	...	89
15 to 19 percent	848	11	45	60	130	245	171	120	66	-	-	...	92
20 to 24 percent	526	17	15	40	43	107	124	119	51	10	-	...	107
25 to 34 percent	496	33	30	69	49	120	63	88	34	-	-	...	91
35 percent or more	1 271	57	72	93	175	357	248	211	51	-	-	...	94
Not computed	307	18	-	17	18	21	7	10	6	-	-	210	...
AIR CONDITIONING													
Room unit(s)	444	16	40	16	39	64	53	159	29	-	-	28	112
Central system	63	-	-	-	-	6	6	27	17	-	-	7	...
None	4 345	180	258	460	590	1 219	724	495	218	14	-	187	89

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

Table B-3. Income in 1969 of Families and Primary Individuals in Owner and Renter Occupied Housing Units: 1970

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

Muskegon	Total	Less than \$2,000	\$2,000 to \$2,999	\$3,000 to \$3,999	\$4,000 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$9,999	\$10,000 to \$14,999	\$15,000 to \$24,999	\$25,000 or more	Median (dollars)
Owner occupied housing units	10 057	1 055	539	649	510	527	461	2 200	2 683	1 169	244	8 700
ROOMS												
1 and 2 rooms	45	23	-	-	-	-	-	17	5	-	-	---
3 rooms	205	48	25	15	15	10	5	37	38	12	-	5 000
4 rooms	1 817	302	147	149	130	110	82	404	383	94	16	6 900
5 rooms	3 427	331	223	252	171	177	135	800	954	326	58	8 600
6 rooms	2 432	200	93	146	120	104	103	578	650	378	60	9 300
7 rooms or more	2 131	151	71	87	74	126	136	364	653	359	110	10 400
PERSONS												
1 person	1 827	792	246	154	136	114	46	207	77	33	22	2 500
2 persons	3 279	194	257	347	253	219	197	684	775	270	83	7 800
3 and 4 persons	2 796	33	36	95	106	121	111	787	983	445	79	10 600
5 persons	930	9	4	18	5	25	39	244	385	177	24	11 600
6 persons or more	1 225	27	16	35	10	48	68	278	463	244	36	11 400
Units with roomers, boarders, or lodgers	230	39	29	30	11	19	23	42	26	11	-	5 300
BEDROOMS												
Less than 3	4 068	726	315	279	268	278	204	1 060	655	249	34	6 800
3	4 262	199	92	258	201	160	173	1 066	1 319	712	82	9 900
4 or more	1 744	97	84	36	41	115	178	299	537	337	20	10 200
YEAR STRUCTURE BUILT												
1969 to March 1970	15	-	-	-	-	6	-	-	9	-	-	---
1960 to 1968	652	13	6	21	17	22	23	121	239	148	42	12 200
1950 to 1959	1 178	62	48	30	44	49	39	268	373	223	42	10 700
1949 or earlier	8 212	980	505	598	449	450	399	1 811	2 062	798	160	8 200
YEAR MOVED INTO UNIT												
1969 to March 1970	652	56	45	29	17	73	32	154	189	57	-	8 400
1968	543	58	14	20	13	6	26	150	172	84	-	9 700
1960 to 1967	3 009	199	89	96	103	107	133	806	933	445	98	9 900
1959 or earlier	5 853	749	438	527	376	345	243	1 011	1 452	543	169	7 700
SELECTED CHARACTERISTICS												
Automatic clothes washing machine	7 175	502	249	385	344	441	369	1 672	2 039	1 055	119	9 300
Clothes dryer	6 779	376	175	331	319	357	372	1 591	1 973	1 166	119	9 800
Dishwasher	1 203	17	-	51	-	42	19	233	300	482	59	14 000
Home food freezer	3 279	124	114	162	110	159	103	836	862	711	98	10 200
Owned second home	649	80	-	17	-	20	20	169	204	139	-	10 500
With air conditioning	788	62	13	19	18	20	20	174	326	102	34	11 000
Room unit(s)	680	38	13	14	18	20	20	148	290	91	28	11 200
Central system	108	24	-	5	-	-	-	26	36	11	6	---
Automobiles available:												
1	5 442	408	342	450	396	393	290	1 395	1 361	334	73	8 000
2	2 754	70	14	45	21	61	77	606	1 147	575	138	12 100
3 or more	538	8	11	-	6	-	15	56	183	209	50	14 700
Renter occupied housing units	4 877	966	434	392	350	429	465	1 019	624	174	24	5 700
ROOMS												
1 room	233	87	38	33	11	26	-	38	-	-	-	2 800
2 rooms	370	127	77	26	41	29	15	44	6	5	-	2 800
3 rooms	1 052	261	82	69	77	131	132	191	89	15	5	5 300
4 rooms	1 379	251	118	100	109	128	146	254	217	45	11	5 900
5 rooms	1 054	161	65	125	58	73	99	254	160	51	8	6 500
6 rooms or more	789	79	54	39	54	42	73	238	152	58	-	7 700
PERSONS												
1 person	1 604	614	180	141	117	179	108	223	42	-	-	3 100
2 persons	1 294	161	120	99	118	134	137	239	120	50	10	6 100
3 and 4 persons	1 409	142	94	90	75	94	178	389	246	93	8	7 200
5 persons	279	33	33	27	10	8	35	75	47	11	-	6 800
6 persons or more	291	16	7	35	30	14	7	93	63	20	6	8 200
Units with roomers, boarders, or lodgers	153	30	19	36	5	21	15	15	12	-	-	3 800
BEDROOMS												
None	341	172	38	40	21	49	-	21	-	-	-	---
1	1 800	392	238	129	244	200	153	254	104	65	21	4 600
2	1 858	270	117	222	103	90	265	405	278	108	-	6 500
3 or more	877	106	32	71	66	74	107	197	120	84	20	6 800
YEAR STRUCTURE BUILT												
1969 to March 1970	225	53	32	25	23	5	10	30	43	4	-	4 100
1960 to 1968	213	37	15	11	-	15	10	47	53	25	-	8 200
1950 to 1959	182	18	25	7	-	12	14	41	42	18	5	8 100
1949 or earlier	4 257	858	362	349	327	397	431	901	486	127	19	5 600
YEAR MOVED INTO UNIT												
1969 to March 1970	2 263	461	203	196	176	221	188	478	305	27	8	5 400
1968	602	107	29	48	50	63	65	160	64	16	-	6 100
1960 to 1967	1 479	271	120	102	99	107	141	358	217	64	-	6 300
1959 or earlier	533	134	101	7	7	48	42	74	83	31	6	5 400
GROSS RENT AS PERCENTAGE OF INCOME												
Specified renter occupied ¹	4 856	962	434	392	350	424	465	1 015	616	174	24	5 700
Less than 15 percent	1 408	-	-	7	20	93	128	542	426	168	24	9 500
15 to 19 percent	848	-	11	22	64	169	192	273	117	-	-	6 800
20 to 24 percent	526	6	16	60	94	83	96	143	28	-	-	6 000
25 to 34 percent	496	33	111	121	116	64	34	12	5	-	-	3 900
35 percent or more	1 271	763	279	172	50	7	-	-	7	-	-	2000-
Not computed	307	160	17	10	6	15	15	45	33	6	-	2000-
SELECTED CHARACTERISTICS												
Automatic clothes washing machine	1 547	153	148	59	39	86	220	454	298	70	20	7 500
Clothes dryer	1 519	124	155	80	41	95	158	450	318	78	20	7 700
Dishwasher	189	20	-	24	24	21	-	33	20	47	-	---
Home food freezer	417	126	20	73	-	21	22	61	46	28	20	3 900
Owned second home	41	-	-	-	21	-	20	-	-	-	-	---
With air conditioning	507	28	39	39	6	18	26	165	138	48	-	8 800
Room unit(s)	444	15	39	32	6	18	21	154	111	48	-	8 800
Central system	63	13	-	7	-	-	5	11	27	-	-	---
Automobiles available:												
1	2 741	322	219	199	239	285	250	736	425	60	6	6 400
2	744	38	-	32	13	70	99	223	211	58	-	8 600
3 or more	50	6	-	-	-	7	6	17	7	7	-	---

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

Table B-4. Plumbing Facilities by Persons Per Room for Owner and Renter Occupied Housing Units: 1970

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

Muskegon	With all plumbing facilities						Lacking some or all plumbing facilities				
	Total	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more
Owner occupied housing units	10 057	9 927	5 785	3 468	562	112	130	91	33	-	6
PERSONS											
1 person	1 827	1 758	1 753	5	-	-	69	69	-	-	-
2 persons	3 279	3 253	3 189	64	-	-	26	22	4	-	-
3 persons	1 534	1 520	693	827	-	-	14	-	14	-	-
4 persons	1 262	1 247	106	1 137	4	-	15	-	15	-	-
5 persons	930	924	44	837	39	4	6	-	-	-	6
6 persons or more	1 225	1 225	-	598	519	108	-	-	-	-	-
Median	2.5	2.5	1.9	4.2	6.8	7.5+	1.4	...	...	-	...
Units with roomers, boarders, or lodgers	230	230	93	126	5	6	-	-	-	-	-
YEAR STRUCTURE BUILT											
1969 to March 1970	18	18	6	4	8	-	-	-	-	-	-
1965 to 1968	148	148	77	61	10	-	-	-	-	-	-
1960 to 1964	516	516	181	271	57	7	-	-	-	-	-
1950 to 1959	1 101	1 094	496	524	66	8	7	-	7	-	-
1940 to 1949	1 711	1 700	940	669	39	52	11	11	-	-	-
1939 or earlier	6 563	6 439	4 075	1 954	372	38	124	98	19	-	7
INCOME IN 1969											
Less than \$2,000	1 055	1 008	956	48	-	4	47	47	-	-	-
\$2,000 to \$2,999	559	542	493	49	-	-	17	17	-	-	-
\$3,000 to \$3,999	649	644	504	105	30	5	5	5	-	-	-
\$4,000 to \$4,999	510	502	420	72	10	-	8	4	4	-	-
\$5,000 to \$5,999	527	518	370	112	17	19	9	9	-	-	-
\$6,000 to \$6,999	461	447	279	115	37	16	14	9	5	-	-
\$7,000 to \$9,999	2 200	2 180	1 074	931	151	24	20	-	14	-	6
\$10,000 to \$14,999	2 683	2 673	1 085	1 345	219	24	10	-	10	-	-
\$15,000 to \$24,999	1 169	1 169	451	608	90	20	-	-	-	-	-
\$25,000 or more	244	244	153	83	8	-	-	-	-	-	-
Median	\$8 700	\$8 800	\$6 500	\$11 100	\$10 800	\$8 500	\$3 200	...	...	-	...
VALUE-INCOME RATIO											
Specified owner occupied ¹	9 020	8 928	5 231	3 105	495	97	92	63	23	-	6
Less than 1.5	4 880	4 844	2 199	2 204	385	56	36	13	23	-	-
1.5 to 1.9	1 255	1 234	724	425	55	30	21	15	-	-	6
2.0 to 2.4	714	714	477	209	28	-	-	-	-	-	-
2.5 to 2.9	499	499	384	88	20	7	-	-	-	-	-
3.0 to 3.9	482	468	367	94	7	-	14	14	-	-	-
4.0 or more	1 124	1 108	1 023	81	-	4	16	16	-	-	-
Not computed	66	61	57	4	-	-	5	5	-	-	-
HEATING EQUIPMENT											
Steam or hot water	612	603	378	201	18	6	9	9	-	-	-
Warm-air furnace	7 741	7 677	4 370	2 755	465	87	64	38	20	-	6
Built-in electric units	18	18	-	11	-	7	-	-	-	-	-
Floor, wall, or pipeless furnace	574	564	337	203	24	-	10	10	-	-	-
Other means	1 108	1 061	700	294	55	12	47	34	13	-	-
None	4	4	-	4	-	-	-	-	-	-	-
Renter occupied housing units	4 877	4 540	2 349	1 855	238	98	337	136	186	4	11
PERSONS											
1 person	1 604	1 346	1 274	72	-	-	258	115	143	-	-
2 persons	1 294	1 259	876	380	-	3	35	15	15	-	5
3 persons	802	772	166	589	7	10	30	6	24	-	-
4 persons	607	599	15	526	47	11	8	-	4	4	-
5 persons	279	273	18	204	28	23	6	-	-	-	6
6 persons or more	291	291	-	84	156	51	-	-	-	-	-
Median	2.1	2.2	1.4	3.3	6.0	...	1.2	1.1	1.2	...	...
Units with roomers, boarders, or lodgers	153	146	67	62	17	-	7	-	7	-	-
YEAR STRUCTURE BUILT											
1969 to March 1970	214	214	107	107	-	-	-	-	-	-	-
1965 to 1968	90	90	31	59	-	-	-	-	-	-	-
1960 to 1964	126	126	99	27	-	-	-	-	-	-	-
1950 to 1959	175	175	87	59	16	13	-	-	-	-	-
1940 to 1949	890	855	415	408	26	6	35	29	6	-	-
1939 or earlier	3 382	3 070	1 607	1 208	169	86	312	100	193	5	14
INCOME IN 1969											
Less than \$2,000	966	868	607	212	25	24	98	57	41	-	-
\$2,000 to \$2,999	434	383	243	117	4	19	51	11	35	-	5
\$3,000 to \$3,999	392	351	169	160	22	-	41	6	35	-	-
\$4,000 to \$4,999	350	333	195	117	13	8	17	-	11	-	6
\$5,000 to \$5,999	429	388	228	136	24	-	41	25	16	-	-
\$6,000 to \$6,999	465	445	211	210	17	7	20	20	-	-	-
\$7,000 to \$9,999	1 019	962	397	480	68	17	57	17	36	4	-
\$10,000 to \$14,999	624	618	240	314	47	17	6	-	6	-	-
\$15,000 to \$24,999	174	168	54	96	18	-	6	-	6	-	-
\$25,000 or more	24	24	5	13	-	6	-	-	-	-	-
Median	\$5 700	\$5 900	\$4 800	\$6 900	\$7 600	...	\$3 500	\$3 000	\$3 500	...	...
GROSS RENT AS PERCENTAGE OF INCOME											
Specified renter occupied ²	4 856	4 519	2 345	1 846	230	98	337	136	186	4	11
Less than 10 percent	461	417	156	225	30	6	44	12	28	4	-
10 to 14 percent	947	886	395	421	36	34	61	35	26	-	-
15 to 19 percent	848	798	400	344	54	-	50	10	34	-	6
20 to 24 percent	526	503	227	236	33	7	23	-	23	-	-
25 to 34 percent	496	422	248	151	15	8	74	26	43	-	5
35 percent or more	1 271	1 202	744	357	58	43	69	42	27	-	-
Not computed	307	291	175	112	4	-	16	11	5	-	-
HEATING EQUIPMENT											
Steam or hot water	712	548	389	123	22	14	164	17	143	4	-
Warm-air furnace	2 424	2 344	1 098	1 111	105	30	80	58	22	-	-
Built-in electric units	207	207	115	87	-	5	-	-	-	-	-
Floor, wall, or pipeless furnace	410	400	174	170	49	7	10	4	6	-	-
Other means	1 124	1 041	573	364	62	42	83	57	15	-	11
None	-	-	-	-	-	-	-	-	-	-	-

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 B-5. Rooms in Owner and Renter Occupied Housing Units: 1970

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

Muskegon	Total	1 room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Median
Owner occupied housing units	10 057	11	34	205	1 817	3 427	2 432	1 248	885	5.4
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	9 810	8	26	162	1 770	3 364	2 338	1 234	908	5.4
PERSONS										
1 person	1 827	5	19	126	514	661	245	173	84	4.9
2 persons	3 279	-	11	57	797	1 213	780	246	175	5.1
3 persons	1 534	-	-	6	263	572	357	232	104	5.4
4 persons	1 262	-	-	4	166	444	369	173	106	5.5
5 persons	930	6	4	-	39	298	313	164	106	5.9
6 persons or more	1 225	-	-	12	38	239	368	260	308	6.4
Median	2 5	-	-	1.3	2.0	2.4	3.0	3.4	4.2	-
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	9 927	5	34	195	1 774	3 392	2 417	1 232	878	5.4
0.50 or less	5 785	-	19	120	1 273	1 858	1 372	635	508	5.3
0.51 to 1.00	3 468	5	11	59	424	1 295	868	512	294	5.5
1.01 to 1.50	562	-	-	4	60	204	144	80	70	5.6
1.51 or more	112	-	4	12	17	35	33	5	6	5.2
Lacking some or all plumbing facilities	130	6	-	10	43	35	15	14	5	4.7
0.50 or less	91	-	-	6	38	16	10	14	5	-
0.51 to 1.00	33	-	-	4	5	19	5	-	-	-
1.01 to 1.50	-	-	-	-	-	-	-	-	-	-
1.51 or more	6	6	-	-	-	-	-	-	-	-
BEDROOMS										
None and 1	663	-	70	233	219	121	-	20	-	3.6
2	3 405	-	-	-	1 460	1 712	168	47	18	4.6
3	4 262	-	-	-	59	1 523	2 098	505	77	5.8
4 or more	1 744	-	-	-	-	21	388	583	752	7.3
YEAR STRUCTURE BUILT										
1969 to March 1970	15	-	-	-	-	6	4	-	5	-
1960 to 1968	652	-	-	-	113	284	161	37	57	5.3
1950 to 1959	1 178	-	10	10	297	462	302	74	23	5.1
1949 or earlier	8 212	11	24	195	1 407	2 675	1 965	1 137	798	5.4
COMPLETE BATHROOMS										
1 and 1 1/2	8 788	8	18	117	1 714	3 182	2 167	1 024	558	5.3
2 or more	1 022	-	8	45	56	182	171	210	350	6.7
None or also used by another household	247	7	-	27	53	68	50	36	6	5.0
VALUE-INCOME RATIO										
Specified owner occupied¹	9 020	11	19	121	1 576	3 027	2 239	1 194	833	5.4
Less than 1.5	4 880	5	-	62	767	1 639	1 207	664	536	5.5
1.5 to 1.9	1 255	6	-	12	166	419	371	184	97	5.6
2.0 to 2.9	1 213	-	11	17	262	386	294	158	85	5.3
3.0 or more	1 606	-	8	30	376	554	348	180	110	5.2
Not computed	66	-	-	-	5	29	19	8	5	-
Renter occupied housing units	4 877	233	370	1 032	1 379	1 054	486	190	113	4.1
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	4 311	56	279	908	1 290	980	494	197	107	4.2
PERSONS										
1 person	1 604	215	303	516	354	172	25	5	14	3.1
2 persons	1 294	8	38	357	438	307	90	42	14	4.1
3 persons	802	10	7	110	297	206	113	26	33	4.4
4 persons	607	-	11	51	207	200	83	40	15	4.7
5 persons	279	-	11	18	28	90	77	37	18	5.4
6 persons or more	291	-	-	-	55	79	98	40	19	5.6
Median	2.1	1.0	1.1	1.5	2.3	2.7	3.7	4.1	3.4	-
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	4 540	85	314	979	1 351	1 034	480	190	107	4.2
0.50 or less	2 349	-	247	480	770	469	222	73	88	4.1
0.51 to 1.00	1 855	72	38	440	498	486	206	96	19	4.3
1.01 to 1.50	238	-	7	47	47	79	44	14	-	4.7
1.51 or more	98	13	22	12	36	-	8	7	-	-
Lacking some or all plumbing facilities	337	148	56	73	28	20	6	-	6	1.9
0.50 or less	136	-	56	36	22	10	6	-	6	2.8
0.51 to 1.00	186	143	-	27	6	10	-	-	-	1.2
1.01 to 1.50	4	-	-	4	-	-	-	-	-	-
1.51 or more	11	5	-	6	-	-	-	-	-	-
BEDROOMS										
None	341	249	49	43	-	-	-	-	-	-
1	1 800	-	301	1 087	306	106	-	-	-	3.1
2	1 858	-	-	-	974	745	139	-	-	4.5
3 or more	877	-	-	-	55	280	259	184	99	5.9
YEAR STRUCTURE BUILT										
1969 to March 1970	225	31	74	18	54	43	5	-	-	2.9
1960 to 1968	213	12	15	63	63	30	14	5	11	3.8
1950 to 1959	182	3	-	6	89	59	16	-	-	4.4
1949 or earlier	4 257	187	281	965	1 173	922	458	169	102	4.1
COMPLETE BATHROOMS										
1 and 1 1/2	4 277	70	310	916	1 290	974	447	183	87	4.2
2 or more	107	8	-	-	6	12	47	14	20	-
None or also used by another household	493	158	78	110	101	23	16	-	7	2.6
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied²	4 856	233	370	1 048	1 374	1 050	478	190	113	4.1
Less than 10 percent	461	22	37	127	124	85	49	6	11	3.9
10 to 14 percent	947	26	39	236	297	223	65	6	5	4.1
15 to 19 percent	848	35	45	168	273	173	104	28	22	4.1
20 to 24 percent	526	16	25	106	160	138	58	19	4	4.2
25 to 34 percent	496	38	52	91	84	135	64	19	13	4.3
35 percent or more	1 271	73	151	276	364	243	112	39	13	3.9
Not computed	307	23	21	44	72	53	26	23	45	4.4

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 B-6. Units in Structure for Owner and Renter Occupied Housing Units: 1970

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

	Owner occupied				Renter occupied							
	Total	1 unit	2 units or more	Mobile home or trailer	Total	1 unit	2 units	3 and 4 units	5 to 9 units	10 to 19 units	20 units or more	Mobile home or trailer
Muskegon												
All occupied housing units	10 057	9 160	887	10	4 877	1 680	1 324	765	562	162	384	-
ROOMS												
1 room	11	11	-	-	233	12	6	-	5	46	164	-
2 rooms	34	19	15	-	370	17	42	86	91	22	112	-
3 rooms	205	125	70	10	1 052	122	384	319	127	49	51	-
4 rooms	1 817	1 609	208	-	1 379	419	421	207	254	26	52	-
5 rooms	3 427	3 070	357	-	1 054	502	325	130	73	19	5	-
6 rooms	2 432	2 267	165	-	486	342	119	18	7	-	-	-
7 rooms	1 248	1 209	39	-	190	163	17	5	5	-	-	-
8 rooms or more	883	850	33	-	113	103	10	-	-	-	-	-
Median	5.4	5.4	4.9	-	4.1	5.0	4.0	3.4	3.7	2.8	1.8	-
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	9 927	9 068	849	10	4 540	1 658	1 256	716	520	128	262	-
0.50 or less	5 785	5 301	479	5	2 349	702	652	454	278	71	192	-
0.51 to 1.00	3 468	3 163	305	-	1 855	762	504	252	210	57	70	-
1.01 to 1.50	562	501	61	-	238	137	76	4	21	-	-	-
1.51 or more	112	103	4	5	98	57	24	6	11	-	-	-
Lacking some or all plumbing facilities	130	92	38	-	337	22	68	49	42	34	122	-
0.50 or less	91	63	28	-	136	22	37	40	24	13	-	-
0.51 to 1.00	33	23	10	-	186	-	25	5	13	21	122	-
1.01 to 1.50	-	-	-	-	4	-	-	4	-	-	-	-
1.51 or more	6	6	-	-	11	-	6	-	5	-	-	-
BEDROOMS												
None	-	-	-	-	341	37	24	-	24	20	236	-
1	663	449	214	-	1 800	114	750	503	296	-	137	-
2	3 405	3 068	337	-	1 858	719	588	177	263	46	65	-
3	4 262	4 055	207	-	640	512	76	20	32	-	-	-
4 or more	1 744	1 655	89	-	237	216	21	-	-	-	-	-
YEAR STRUCTURE BUILT												
1969 to March 1970	15	15	-	-	225	16	-	19	60	5	125	-
1965 to 1968	177	172	5	-	87	20	-	4	29	19	15	-
1960 to 1964	475	475	-	-	126	40	18	5	5	19	39	-
1950 to 1959	1 178	1 157	21	-	182	121	20	6	24	-	11	-
1940 to 1949	1 691	1 535	151	5	875	369	263	100	134	9	-	-
1939 or earlier	6 521	5 806	710	5	3 382	1 114	1 023	631	310	110	194	-
INCOME IN 1969												
Less than \$2,000	1 055	885	165	5	966	262	267	173	97	53	114	-
\$2,000 to \$2,999	559	487	72	-	434	94	86	85	57	21	91	-
\$3,000 to \$3,999	649	593	51	5	392	118	124	33	53	14	50	-
\$4,000 to \$4,999	510	452	58	-	350	97	109	73	29	10	32	-
\$5,000 to \$5,999	527	473	54	-	429	125	108	109	54	12	21	-
\$6,000 to \$6,999	461	416	45	-	465	169	179	78	25	4	10	-
\$7,000 to \$9,999	2 200	2 073	127	-	1 019	403	289	101	153	21	52	-
\$10,000 to \$14,999	2 683	2 455	228	-	624	299	135	94	69	27	-	-
\$15,000 to \$24,999	1 169	1 092	77	-	174	99	27	19	20	-	9	-
\$25,000 or more	244	234	10	-	24	14	-	-	5	-	5	-
Median	\$8 700	\$8 800	\$7 000	-	\$5 700	\$6 900	\$5 700	\$5 200	\$5 800	\$3 500	\$2 900	-
YEAR MOVED INTO UNIT												
1969 to March 1970	652	565	87	-	2 263	623	585	413	311	91	240	-
1968	543	478	57	8	602	255	160	71	58	27	31	-
1967	478	441	32	5	473	191	143	55	19	20	45	-
1965 and 1966	898	844	54	-	444	215	109	62	50	8	-	-
1960 to 1964	1 633	1 515	118	-	562	211	141	89	64	28	29	-
1950 to 1959	2 659	2 385	274	-	363	158	60	79	35	-	31	-
1949 or earlier	3 194	2 921	273	-	170	53	70	14	14	14	5	-
GROSS RENT												
Specified renter occupied ¹ .....	...	...	...	...	4 856	1 659	1 324	765	562	162	384	-
Less than \$50 .....	...	...	...	...	190	14	57	26	45	36	12	-
\$50 to \$59 .....	...	...	...	...	282	36	97	61	36	5	47	-
\$60 to \$69 .....	...	...	...	...	465	53	166	122	36	16	72	-
\$70 to \$79 .....	...	...	...	...	670	187	202	170	49	11	51	-
\$80 to \$99 .....	...	...	...	...	1 279	329	409	227	196	31	87	-
\$100 to \$119 .....	...	...	...	...	831	446	192	93	36	14	50	-
\$120 to \$149 .....	...	...	...	...	659	286	159	35	128	23	28	-
\$150 to \$199 .....	...	...	...	...	243	126	20	16	30	20	31	-
\$200 to \$299 .....	...	...	...	...	20	5	-	15	-	-	-	-
\$300 or more .....	...	...	...	...	7	-	-	-	-	-	-	-
No cash rent .....	...	...	...	...	210	170	22	-	6	6	6	-
Median .....	...	...	...	...	\$91	\$106	\$85	\$80	\$90	\$92	\$83	-
HEATING EQUIPMENT												
Steam or hot water	612	505	107	-	712	104	87	125	127	96	173	-
Warm-air furnace	7 741	7 158	578	5	2 424	1 044	632	330	313	36	69	-
Built-in electric units	18	14	4	-	207	10	30	38	-	-	129	-
Floor, wall, or pipeless furnace	574	516	58	-	410	151	139	54	50	9	7	-
Other means	1 108	963	140	5	1 124	371	436	218	72	21	6	-
None	4	4	-	-	-	-	-	-	-	-	-	-
AIR CONDITIONING												
Room unit(s)	680	607	73	-	444	117	99	43	107	22	56	-
Central system	108	103	5	-	63	13	6	-	9	28	7	-
None	9 269	8 439	817	13	4 370	1 576	1 163	740	435	138	318	-
AUTOMOBILES AVAILABLE												
1	5 442	4 986	443	13	2 741	900	730	441	378	122	170	-
2	2 754	2 549	205	-	744	418	160	87	72	-	7	-
3 or more	538	489	49	-	50	39	11	-	-	-	-	-
None	1 323	1 125	198	-	1 342	349	367	255	101	66	204	-

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

Table B-7. Household Composition for Owner and Renter Occupied Housing Units: 1970

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

Muskegon	Two-or-more-person households										One-person households	
	Total	Male head, wife present, no nonrelatives					Other male head		Female head		Under 65 years	65 years and over
		Under 25 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Under 65 years	65 years and over	Under 65 years	65 years and over		
Owner occupied housing units	10 057	166	813	1 320	3 339	1 373	192	92	646	289	714	1 113
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	9 927	166	808	1 315	3 327	1 351	189	92	637	284	701	1 057
0.50 or less	5 785	39	135	169	1 712	1 189	127	57	364	220	696	1 057
0.51 to 1.00	3 468	121	608	830	1 409	157	47	27	200	64	5	-
1.01 to 1.50	562	6	61	260	158	5	15	8	49	-	-	-
1.51 or more	112	-	4	36	48	-	-	-	24	-	-	-
Lacking some or all plumbing facilities	130	-	5	5	12	22	3	-	9	5	13	56
0.50 or less	91	-	-	-	-	17	-	-	-	5	13	56
0.51 to 1.00	33	-	5	5	6	5	3	-	9	-	-	-
1.01 to 1.50	-	-	-	-	-	-	-	-	-	-	-	-
1.51 or more	6	-	-	-	6	-	-	-	-	-	-	-
UNITS IN STRUCTURE												
1	9 160	157	726	1 220	3 130	1 257	172	92	564	281	638	923
2 or more	887	9	87	100	209	116	20	-	77	8	76	185
Mobile home or trailer	10	-	-	-	-	-	-	-	5	-	-	5
INCOME IN 1969												
Less than \$2,000	1 055	-	9	-	53	56	20	-	63	62	141	651
\$2,000 to \$2,999	559	4	-	-	16	190	10	7	60	26	77	169
\$3,000 to \$3,999	649	3	19	10	54	266	18	21	71	33	46	108
\$4,000 to \$4,999	510	11	10	5	75	202	-	5	48	18	70	66
\$5,000 to \$5,999	527	9	40	16	94	142	13	15	59	25	70	44
\$6,000 to \$6,999	461	27	16	35	143	102	3	10	74	5	23	23
\$7,000 to \$9,999	2 200	76	293	360	819	174	60	9	135	67	177	30
\$10,000 to \$14,999	2 683	31	349	586	1 300	139	48	13	94	46	72	5
\$15,000 to \$24,999	1 169	5	71	270	660	53	20	8	42	7	22	11
\$25,000 or more	244	-	6	38	125	49	4	-	-	-	16	6
Median	\$8 700	\$8 100	\$10 300	\$12 000	\$11 600	\$4 900	\$8 600	...	\$6 300	\$5 200	\$5 300	\$2000-
VALUE-INCOME RATIO												
Specified owner occupied ¹	9 020	157	714	1 199	3 076	1 238	172	87	553	281	620	923
Less than 1.5	4 880	118	500	908	2 216	1 421	92	31	186	131	229	48
1.5 to 1.9	1 255	31	140	169	443	166	27	16	121	19	82	41
2.0 to 2.4	714	5	46	49	207	165	5	12	42	29	79	75
2.5 to 2.9	499	-	8	48	67	146	18	10	56	24	55	67
3.0 to 3.9	482	3	11	25	59	154	16	9	52	13	42	98
4.0 or more	1 124	-	9	-	74	186	10	9	92	65	111	568
Not computed	66	-	-	-	10	-	4	-	4	-	22	26
Renter occupied housing units	4 877	766	660	296	405	151	134	41	766	54	986	618
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	4 540	761	644	296	389	137	129	34	750	54	789	557
0.50 or less	2 349	279	115	39	196	91	56	34	236	29	765	509
0.51 to 1.00	1 855	441	460	171	162	46	53	-	425	25	24	48
1.01 to 1.50	238	29	63	59	31	-	14	-	42	-	-	-
1.51 or more	98	12	6	27	-	-	6	-	47	-	-	-
Lacking some or all plumbing facilities	337	5	16	-	16	14	5	7	16	-	197	61
0.50 or less	136	-	6	-	10	-	-	-	5	-	81	34
0.51 to 1.00	186	5	-	-	6	14	-	7	11	-	116	27
1.01 to 1.50	4	-	4	-	-	-	-	-	-	-	-	-
1.51 or more	11	-	6	-	-	-	5	-	-	-	-	-
UNITS IN STRUCTURE												
1	1 680	289	275	187	214	32	66	14	345	33	113	112
2 to 4	4 880	340	298	77	140	63	57	21	359	8	475	251
5 to 19	724	133	87	27	42	32	11	6	62	8	238	78
20 or more	384	4	-	5	9	24	-	-	-	5	160	177
Mobile home or trailer	-	-	-	-	-	-	-	-	-	-	-	-
GROSS RENT												
Specified renter occupied ²	4 856	766	660	296	393	151	134	41	757	54	986	618
Less than \$50	190	-	4	-	10	8	-	5	9	-	78	76
\$50 to \$59	282	5	14	7	25	6	-	8	20	-	130	67
\$60 to \$69	465	64	28	10	17	6	-	12	39	4	182	67
\$70 to \$79	670	112	73	13	72	30	5	6	103	4	123	123
\$80 to \$99	1 279	285	175	62	79	25	19	6	247	30	240	117
\$100 to \$119	831	163	169	70	64	24	39	-	167	7	87	41
\$120 to \$149	659	115	153	41	61	25	23	5	126	-	86	24
\$150 to \$199	243	17	28	47	35	11	22	-	40	-	11	32
\$200 to \$299	20	-	-	10	5	5	-	-	-	-	-	-
\$300 or more	7	-	-	7	-	-	-	-	-	-	-	-
No cash rent	210	5	16	29	25	11	15	5	6	9	49	40
GROSS RENT AS PERCENTAGE OF INCOME BY INCOME												
Specified renter occupied ²	4 856	766	660	296	393	151	134	41	757	54	986	618
Less than \$5,000	2 138	144	80	20	71	103	40	26	557	45	487	565
Less than 20 percent	124	-	6	-	20	10	-	9	9	-	71	18
20 to 24 percent	176	32	10	4	13	10	-	7	20	-	59	21
25 to 34 percent	381	63	21	8	-	43	16	13	66	8	74	69
35 percent or more	1 264	44	43	8	38	39	14	6	434	33	213	392
Not computed	193	5	-	-	-	11	10	-	28	4	70	65
\$5,000 to \$9,999	1 904	522	334	133	146	21	73	15	141	9	457	53
Less than 20 percent	1 397	395	240	77	110	12	37	5	104	4	381	32
20 to 24 percent	322	90	82	33	7	9	22	-	15	-	48	16
25 to 34 percent	110	32	-	11	14	-	4	5	22	-	22	-
35 percent or more	-	-	-	-	-	-	-	-	-	-	-	-
Not computed	75	5	12	12	15	-	10	5	-	5	6	5
\$10,000 to \$14,999	616	85	197	115	105	10	21	-	41	-	42	-
Less than 20 percent	543	85	193	80	96	5	21	-	29	-	34	-
20 to 24 percent	28	-	-	11	5	-	-	-	12	-	-	-
25 percent or more	12	-	-	7	-	-	-	-	-	-	-	-
Not computed	33	-	4	17	4	-	-	-	-	-	-	-
\$15,000 or more	198	15	49	28	71	17	-	-	18	-	8	-
Less than 20 percent	192	15	49	28	65	17	-	-	18	-	-	-
20 to 24 percent	-	-	-	-	-	-	-	-	-	-	-	-
25 percent or more	-	-	-	-	-	-	-	-	-	-	-	-
Not computed	6	-	-	-	6	-	-	-	-	-	-	-

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 B—8. Persons in Owner and Renter Occupied Housing Units: 1970

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

Muskegon	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons or more	Median
Owner occupied housing units	10 057	1 827	3 279	1 534	1 262	930	534	382	309	2.5
BEDROOMS										
None and 1	663	421	167	24	-	51	-	-	-	1.3
2	3 405	882	1 609	480	283	106	24	21	-	2.0
3	4 262	383	957	783	812	667	424	171	65	3.5
4 or more	1 744	141	361	251	178	246	126	221	220	4.2
YEAR STRUCTURE BUILT										
1969 to March 1970	15	-	-	-	-	9	6	-	-	...
1965 to 1968	177	5	65	33	27	15	14	10	8	3.1
1960 to 1964	475	37	111	56	104	77	44	32	14	3.8
1950 to 1959	1 178	114	359	202	210	193	59	24	17	3.1
1940 to 1949	1 691	236	556	320	240	158	124	25	32	2.7
1939 or earlier	6 521	1 435	2 188	923	681	478	287	287	238	2.3
UNITS IN STRUCTURE										
1	9 160	1 561	3 057	1 388	1 174	865	481	325	309	2.5
2 or more	887	261	222	146	88	65	48	57	-	2.3
Mobile home or trailer	10	5	-	-	-	-	5	-	-	...
COMPLETE BATHROOMS										
1 and 1 1/2	8 788	1 555	2 998	1 373	1 076	771	461	291	263	2.4
2 and 2 1/2	934	113	236	97	155	138	81	64	50	3.6
3 or more	88	35	6	26	14	-	7	-	-	...
None or also used by another household	247	99	91	7	28	14	-	8	-	1.8
HOUSEHOLD COMPOSITION										
Two-or-more-person households	8 230		3 279	1 534	1 262	930	534	382	309	3.0
Male head, wife present, no nonrelatives	7 011	...	2 695	1 233	1 160	858	453	342	270	3.2
Under 25 years	166	...	24	77	44	21	-	-	-	3.3
25 to 34 years	813	...	56	154	247	229	90	32	5	4.3
35 to 44 years	1 320	...	114	110	259	310	186	193	148	5.1
45 to 64 years	3 339	...	1 381	697	571	284	172	117	117	2.9
65 years and over	1 373	...	1 120	195	39	14	5	-	-	2.1
Other male head	284	...	143	65	30	12	24	10	-	2.5
Under 65 years	192	...	100	39	19	8	16	10	-	2.5
65 years and over	92	...	43	26	11	4	8	-	-	...
Female head	935	...	441	236	72	60	57	30	39	2.6
Under 65 years	646	...	255	165	48	60	49	30	39	2.9
65 years and over	289	...	186	71	24	-	8	-	-	2.3
One-person households	1 827	1 827								1.0
VALUE-INCOME RATIO										
Specified owner occupied¹	9 020	1 543	3 009	1 368	1 157	861	467	313	302	2.5
Less than 1.5	4 880	277	1 472	969	758	608	300	257	239	3.2
1.5 to 1.9	1 255	123	459	212	212	125	57	28	39	2.7
2.0 to 2.4	714	154	287	56	96	54	48	12	7	2.2
2.5 to 2.9	499	122	224	33	33	18	23	12	12	2.1
3.0 to 3.9	482	140	210	31	35	38	24	4	-	2.0
4.0 or more	1 124	679	343	45	19	18	15	-	5	1.3
Not computed	66	48	14	-	4	-	-	-	-	...
Renter occupied housing units	4 877	1 604	1 294	802	607	279	150	68	73	2.1
BEDROOMS										
None	341	304	18	-	19	-	-	-	-	1.5
1	1 800	922	692	67	81	38	-	-	-	2.4
2	1 858	281	690	424	283	79	80	21	-	2.4
3 or more	877	25	170	186	184	131	52	77	52	3.8
YEAR STRUCTURE BUILT										
1969 to March 1970	225	113	55	31	13	13	-	-	-	1.5
1965 to 1968	87	21	32	-	20	7	7	-	-	...
1960 to 1964	126	64	32	14	16	-	-	-	-	1.5
1950 to 1959	182	32	50	31	35	10	7	7	10	2.8
1940 to 1949	875	191	289	191	111	81	-	5	7	2.4
1939 or earlier	3 382	1 183	836	535	412	168	136	56	56	2.1
UNITS IN STRUCTURE										
1	1 680	225	396	339	312	172	130	55	51	3.1
2	1 324	388	401	245	174	66	20	8	22	2.2
3 and 4	765	338	263	91	44	29	-	-	-	1.7
5 to 9	562	199	156	113	77	12	-	5	-	2.0
10 to 19	162	117	40	5	-	-	-	-	-	1.2
20 or more	384	337	38	9	-	-	-	-	-	1.1
Mobile home or trailer	-	-	-	-	-	-	-	-	-	...
COMPLETE BATHROOMS										
1 and 1 1/2	4 277	1 312	1 139	749	556	260	154	25	82	2.2
2 or more	107	8	39	20	6	14	-	20	-	...
None or also used by another household	493	307	63	65	35	13	-	10	-	1.3
HOUSEHOLD COMPOSITION										
Two-or-more-person households	3 273		1 294	802	607	279	150	68	73	2.9
Male head, wife present, no nonrelatives	2 278	...	879	572	438	191	102	33	63	3.0
Under 25 years	766	...	368	247	106	37	8	-	-	2.6
25 to 34 years	660	...	134	158	213	85	55	8	7	3.7
35 to 44 years	296	...	35	56	62	58	27	17	41	4.4
45 to 64 years	405	...	207	100	57	6	12	8	15	2.5
65 years and over	151	...	135	11	-	5	-	-	-	2.1
Other male head	175	...	87	34	28	7	7	-	-	2.5
Under 65 years	134	...	50	30	28	12	7	7	-	3.1
65 years and over	41	...	37	4	-	-	-	-	-	...
Female head	820	...	328	196	141	76	41	28	10	2.9
Under 65 years	766	...	287	192	132	76	41	28	10	3.0
65 years and over	54	...	41	4	9	-	-	-	-	...
One-person households	1 604	1 604								1.0
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied²	4 856	1 604	1 286	802	602	279	150	60	73	2.1
Less than 10 percent	461	100	148	85	82	13	14	6	13	2.4
10 to 14 percent	947	207	307	215	118	59	13	5	23	2.4
15 to 19 percent	848	229	223	169	125	47	32	8	15	2.4
20 to 24 percent	526	144	141	87	87	26	27	7	7	2.3
25 to 34 percent	496	165	150	93	28	30	15	7	8	2.1
35 percent or more	1 271	605	270	128	121	75	42	23	7	1.6
Not computed	307	154	47	25	41	29	7	4	-	1.5

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 B-9. Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1970

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

Muskegon					Muskegon				
	Total	Less than 2 months	2 up to 6 months	6 months or more		Total	Less than 2 months	2 up to 6 months	6 months or more
Vacant for sale	159	29	77	53	Vacant for rent	449	189	168	92
ROOMS					ROOMS				
1 to 3 rooms	26	5	8	13	1 room	38	17	-	21
4 rooms	26	-	15	11	2 rooms	31	8	5	18
5 rooms	42	4	34	4	3 rooms	142	49	61	32
6 rooms	36	8	12	16	4 rooms	126	63	52	11
7 rooms or more	29	12	8	9	5 rooms	79	41	34	4
					6 rooms	25	11	8	6
					7 rooms or more	8	-	8	-
PLUMBING FACILITIES					PLUMBING FACILITIES				
With all plumbing facilities	142	24	73	45	With all plumbing facilities	414	165	157	92
Lacking some or all plumbing facilities	17	5	4	8	Lacking some or all plumbing facilities	35	24	11	-
BEDROOMS					BEDROOMS				
None and 1	25	-	25	-	None	31	16	-	15
2	94	26	17	51	1	195	45	120	30
3	26	-	26	-	2	110	47	46	17
4 or more	-	-	-	-	3 or more	60	45	15	-
YEAR STRUCTURE BUILT					YEAR STRUCTURE BUILT				
1969 to March 1970	5	-	5	-	1969 to March 1970	28	7	-	21
1960 to 1968	-	-	-	-	1960 to 1968	18	-	3	15
1950 to 1959	18	-	10	8	1950 to 1959	-	-	-	-
1949 or earlier	136	29	62	45	1949 or earlier	403	182	165	56
UNITS IN STRUCTURE					UNITS IN STRUCTURE				
1	131	24	63	44	1	83	20	52	11
2 or more	28	5	14	9	2 to 4	213	113	67	33
					5 to 9	65	30	35	-
					10 to 19	35	21	7	7
					20 or more	53	5	7	41
HEATING EQUIPMENT					RENT ASKED				
Steam or hot water	15	-	15	-	Specified vacant for rent ²	449	189	168	92
Warm-air furnace	129	29	54	46	Less than \$50	49	28	15	6
Built-in electric units	-	-	-	-	\$50 to \$59	62	36	26	-
Floor, wall, or pipeless furnace	-	-	-	-	\$60 to \$79	145	52	42	51
Other means	15	-	8	7	\$80 to \$99	121	49	54	18
None	-	-	-	-	\$100 to \$119	42	13	21	8
					\$120 to \$149	24	8	7	9
					\$150 to \$199	6	3	3	-
					\$200 or more	-	-	-	-
					Median rent asked	\$76	\$72	\$80	---
SALES PRICE ASKED									
Specified vacant for sale	131	24	63	44					
Less than \$5,000	22	-	14	8					
\$5,000 to \$9,999	66	20	31	15					
\$10,000 to \$14,999	24	4	7	13					
\$15,000 to \$19,999	12	-	4	8					
\$20,000 to \$24,999	3	-	3	-					
\$25,000 to \$34,999	4	-	4	-					
\$35,000 to \$49,999	-	-	-	-					
\$50,000 or more	-	-	-	-					
Median price asked	\$9,000	---	---	---					

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

Table B-10. Sales Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1970

[Data based on sample, see text. For meaning of symbols, see text]

Muskegon	Sales price asked - Vacant for sale ¹						Rent asked - Vacant for rent ²					
	Total	Less than \$10,000	\$10,000 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999 or more	Total	Less than \$60	\$60 to \$79	\$80 to \$99	\$100 to \$149	\$150 to \$199 or more
Total	131	88	24	12	3	4	449	111	145	121	66	6
PLUMBING FACILITIES												
With all plumbing facilities	94	94	-	-	-	-	380	60	135	122	48	15
Lacking some or all plumbing facilities	-	-	-	-	-	-	16	16	-	-	-	-
BEDROOMS												
None and 1	-	-	-	-	-	-	226	76	105	45	-	-
2	68	68	-	-	-	-	110	-	15	62	33	-
3	26	26	-	-	-	-	45	-	15	15	15	-
4 or more	-	-	-	-	-	-	15	-	-	-	15	-
YEAR STRUCTURE BUILT												
1969 to March 1970	5	5	-	-	-	-	28	-	21	-	4	3
1960 to 1968	-	-	-	-	-	-	18	-	-	11	7	-
1950 to 1959	18	8	3	4	3	-	-	-	-	-	-	-
1949 or earlier	108	75	21	8	-	4	403	111	124	110	55	3
UNITS IN STRUCTURE												
1	-	-	-	-	-	-	83	16	21	24	22	-
2 to 4	-	-	-	-	-	-	213	67	69	53	24	-
5 to 9	-	-	-	-	-	-	100	23	29	33	12	3
20 or more	-	-	-	-	-	-	53	5	26	11	8	3
INCLUSION OF UTILITIES IN RENT												
All utilities included	-	-	-	-	-	-	244	54	71	87	32	-
Some or no utilities included	-	-	-	-	-	-	205	57	74	34	34	6

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 C-1. Value of Owner Occupied Housing Units: 1970

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

Muskegon Heights	Total	Less than \$5,000	\$5,000 to \$7,499	\$7,500 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)
Specified owner occupied¹	3 376	148	601	1 129	815	341	301	27	5	9		9 600
ROOMS												
1 and 2 rooms	14	4	4	6	-	-	-	-	-	-	-	...
3 rooms	73	21	17	6	13	11	5	-	-	-	-	...
4 rooms	773	71	185	292	157	37	21	10	-	-	-	8 600
5 rooms	1 232	36	211	474	275	117	106	4	5	4	-	9 400
6 rooms	804	6	119	214	242	102	112	9	-	-	-	10 700
7 rooms	297	10	50	73	74	50	35	-	-	-	-	10 500
8 rooms or more	183	-	15	64	54	24	22	4	-	-	-	10 600
Median	5.2	4.2	4.9	5.0	5.4	5.6	5.7	...	...	...	...	...
PERSONS												
1 person	522	62	123	170	91	36	40	-	-	-	-	8 600
2 persons	1 040	45	211	390	211	80	80	23	-	-	-	9 200
3 persons	537	14	94	174	152	70	29	-	-	4	-	9 800
4 persons	479	5	65	155	117	51	82	4	-	-	-	10 300
5 persons	279	11	28	94	84	39	17	-	-	-	-	10 200
6 persons or more	519	11	79	146	160	65	53	-	5	-	-	10 400
Median	2.7	1.8	2.3	2.5	3.2	3.3	3.5	...	...	...	...	...
Units with roomers, boarders, or lodgers	117	-	29	33	33	9	13	-	-	-	-	9 700
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	3 334	143	572	1 125	815	337	301	27	5	9	-	9 600
0.50 or less	1 729	91	341	616	373	137	144	27	-	-	-	9 300
0.51 to 1.00	1 261	47	154	402	349	168	132	-	-	9	-	10 200
1.01 to 1.50	216	5	45	75	61	9	16	-	5	-	-	9 400
1.51 or more	128	-	32	32	32	23	9	-	-	-	-	10 000
Lacking some or all plumbing facilities	42	5	29	4	-	4	-	-	-	-	-	...
0.50 or less	27	-	23	-	-	4	-	-	-	-	-	...
0.51 to 1.00	15	5	6	4	-	-	-	-	-	-	-	...
1.01 to 1.50	-	-	-	-	-	-	-	-	-	-	-	...
1.51 or more	-	-	-	-	-	-	-	-	-	-	-	...
BEDROOMS												
None and 1	199	-	61	59	21	40	18	-	-	-	-	...
2	1 593	59	422	591	382	77	41	21	-	-	-	8 800
3	1 282	24	204	372	346	127	209	-	-	-	-	10 300
4 or more	382	-	21	171	69	83	38	-	-	-	-	...
YEAR STRUCTURE BUILT												
1969 to March 1970	21	-	5	7	-	-	4	-	-	5	-	...
1965 to 1968	27	-	5	6	-	-	16	-	-	-	-	...
1960 to 1964	79	-	7	21	16	18	17	-	-	-	-	...
1950 to 1959	506	20	58	98	142	85	75	23	5	-	-	11 400
1940 to 1949	661	37	109	189	166	60	100	-	-	-	-	9 900
1939 or earlier	2 082	91	417	808	491	178	89	4	-	4	-	9 100
COMPLETE BATHROOMS												
1 and 1 1/2	3 145	162	509	1 072	781	311	264	26	7	13	-	9 600
2 and 2 1/2	140	-	7	38	23	27	40	5	-	-	-	12 700
3 or more	13	-	6	7	-	-	-	-	-	-	-	...
None or also used by another household	63	14	39	4	-	6	-	-	-	-	-	...
HOUSEHOLD COMPOSITION												
Two-or-more-person households	2 854	86	478	959	724	305	261	27	5	9	-	9 700
Male head, wife present, no nonrelatives	2 387	76	373	789	613	274	221	27	5	9	-	9 900
Under 25 years	74	-	4	20	35	10	5	-	-	-	-	...
25 to 34 years	303	10	27	99	105	28	29	-	-	5	-	10 400
35 to 44 years	416	5	38	124	99	96	50	4	-	-	-	11 000
45 to 64 years	1 170	47	185	404	281	108	117	19	5	4	-	9 700
65 years and over	424	14	119	142	93	32	20	4	-	-	-	8 900
Other male head	94	-	26	41	17	-	10	-	-	-	-	...
Under 65 years	72	-	15	30	17	-	10	-	-	-	-	...
65 years and over	22	-	11	11	-	-	-	-	-	-	-	...
Female head	373	10	79	129	94	31	30	-	-	-	-	9 400
Under 65 years	263	6	41	89	82	19	26	-	-	-	-	9 900
65 years and over	110	4	38	40	12	4	4	-	-	-	-	8 300
One-person households	522	62	123	170	91	36	40	-	-	-	-	8 600
Under 65 years	256	9	65	70	68	17	27	-	-	-	-	9 400
65 years and over	266	53	58	100	23	19	13	-	-	-	-	8 100
INCOME IN 1969												
Less than \$2,000	396	67	148	106	47	22	6	-	-	-	-	7 200
\$2,000 to \$2,999	235	10	57	94	57	-	17	-	-	-	-	8 800
\$3,000 to \$3,999	201	6	45	92	37	16	5	-	-	-	-	8 800
\$4,000 to \$4,999	158	5	31	80	29	9	4	-	-	-	-	8 800
\$5,000 to \$5,999	196	5	35	67	52	17	11	-	-	-	-	9 500
\$6,000 to \$6,999	180	16	55	47	28	22	5	4	-	-	-	8 600
\$7,000 to \$9,999	821	15	121	331	229	61	49	-	5	5	-	9 600
\$10,000 to \$14,999	893	19	91	264	258	138	114	5	-	4	-	10 700
\$15,000 to \$24,999	269	-	15	43	71	56	80	4	-	-	-	12 700
\$25,000 or more	27	-	5	5	7	-	10	-	-	-	-	...
Median	58 200	\$2 700	\$5 600	\$7 700	\$9 100	\$10 900	\$12 300	...	...	...	...	...
YEAR MOVED INTO UNIT												
1969 to March 1970	251	6	12	69	90	21	45	-	-	8	-	11 100
1968	213	14	26	72	74	9	13	-	-	5	-	9 800
1967	144	14	7	48	54	16	5	-	-	-	-	10 100
1965 and 1966	271	7	24	48	54	26	57	14	-	-	-	11 500
1960 to 1964	470	11	45	167	127	78	42	-	-	-	-	10 200
1950 to 1959	1 010	65	188	331	199	110	93	17	7	-	-	9 400
1949 or earlier	1 002	59	259	386	165	84	49	-	-	-	-	8 700
HEATING EQUIPMENT												
Steam or hot water	122	9	27	20	29	22	15	-	-	-	-	10 400
Warm-air furnace	2 405	66	342	783	659	270	253	18	5	9	-	10 000
Built-in electric units	36	5	-	22	4	5	-	-	-	-	-	...
Floor, wall, or pipeless furnace	243	18	81	75	46	17	6	-	-	-	-	8 300
Other means	570	50	151	229	77	27	27	9	-	-	-	8 400
None	-	-	-	-	-	-	-	-	-	-	-	...
AIR CONDITIONING												
Room unit(s)	103	-	25	25	24	14	15	-	-	-	-	...
Central system	50	-	5	15	19	6	-	5	-	-	-	...
None	3 208	176	531	1 081	761	324	289	26	7	13	-	9 600

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

Table C-2. Gross Rent of Renter Occupied Housing Units: 1970

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

Muskegon Heights

	Total	Less than \$50	\$50 to \$59	\$60 to \$69	\$70 to \$79	\$80 to \$99	\$100 to \$119	\$120 to \$149	\$150 to \$199	\$200 to \$299	\$300 or more	No cash rent	Median (dollars)
Specified renter occupied¹	1 615	157	97	164	223	367	332	150	60	10	-	55	86
ROOMS													
1 room	9	-	5	-	-	-	4	-	-	-	-	-	...
2 rooms	87	52	12	10	4	4	-	-	-	5	-	-	...
3 rooms	401	105	32	72	70	87	31	4	-	-	-	-	69
4 rooms	450	-	30	24	66	136	123	36	-	-	-	35	91
5 rooms	453	-	13	34	79	120	82	71	43	-	-	11	94
6 rooms	138	-	5	18	4	14	63	20	-	5	-	9	107
7 rooms	49	-	-	6	-	6	21	16	-	-	-	-	...
8 rooms or more	28	-	-	-	-	-	8	3	17	-	-	-	...
Median	4.2	2.8	...	3.5	4.1	4.2	4.6	5.0	...	...	...	...	...
PERSONS													
1 person	443	143	37	67	59	74	33	10	-	5	-	15	65
2 persons	369	10	32	31	56	129	67	28	6	-	-	10	86
3 persons	284	-	12	5	27	81	103	33	5	5	-	13	102
4 persons	197	4	10	27	36	24	48	33	15	-	-	-	98
5 persons	110	-	6	18	-	34	28	6	6	-	-	12	...
6 persons or more	212	-	-	16	45	25	53	40	28	-	-	5	107
Median	2.5	1.0	...	2.0	2.4	2.3	3.1	3.6	...	...	...	...	...
Units with roomers, boarders, or lodgers	56	-	-	5	6	31	4	4	6	-	-	-	...
PLUMBING FACILITIES BY PERSONS PER ROOM													
With all plumbing facilities													
0.50 or less	683	130	46	81	99	146	104	41	6	5	-	25	77
0.51 to 1.00	659	10	33	57	73	176	171	77	43	-	-	19	97
1.01 to 1.50	189	4	-	9	47	32	57	23	11	-	-	6	90
1.51 or more	39	-	-	12	4	9	-	9	-	-	-	5	...
Lacking some or all plumbing facilities													
0.50 or less	45	13	18	5	-	4	-	-	-	5	-	-	...
0.51 to 1.00	26	13	4	-	-	4	-	-	-	5	-	-	...
1.01 to 1.50	14	-	14	-	-	-	-	-	-	-	-	-	...
1.51 or more	5	-	-	5	-	-	-	-	-	-	-	-	...
BEDROOMS													
None	22	-	-	-	-	-	22	-	-	-	-	-	...
1	546	170	87	64	91	112	-	22	-	-	-	-	63
2	730	42	26	-	125	292	179	41	-	-	-	25	89
3 or more	283	-	20	68	-	67	92	18	18	-	-	-	...
YEAR STRUCTURE BUILT													
1969 to March 1970													
1965 to 1968	29	14	-	-	-	11	-	4	-	-	-	-	...
1960 to 1964	168	24	26	33	51	21	4	-	9	-	-	-	70
1950 to 1959	188	-	5	6	21	62	37	20	6	5	-	26	95
1940 to 1949	295	14	4	24	60	57	71	34	23	-	-	8	90
1939 or earlier	854	29	57	101	91	216	220	92	22	5	-	21	90
ELEVATOR IN STRUCTURE													
4 floors or more	106	106	-	-	-	-	-	-	-	-	-	-	...
With elevator	106	106	-	-	-	-	-	-	-	-	-	-	...
Walk-up	-	-	-	-	-	-	-	-	-	-	-	-	...
1 to 3 floors	1 475	106	133	132	216	471	293	81	18	-	-	25	84
COMPLETE BATHROOMS													
1 and 1 1/2	1 500	119	65	157	213	320	324	168	60	7	-	67	88
2 or more	25	5	-	-	-	12	-	-	8	-	-	-	...
None or also used by another household	78	18	16	12	7	10	8	-	-	7	-	-	...
INCOME IN 1969													
Less than \$2,000	415	122	29	45	56	61	46	34	12	-	-	10	71
\$2,000 to \$2,999	179	16	4	39	12	44	37	17	5	-	-	5	86
\$3,000 to \$3,999	110	-	12	13	15	18	27	20	5	-	-	-	96
\$4,000 to \$4,999	129	-	4	22	38	30	10	13	-	-	-	12	79
\$5,000 to \$5,999	173	14	9	6	16	49	60	5	10	-	-	4	91
\$6,000 to \$6,999	124	-	5	11	18	41	28	4	12	5	-	12	94
\$7,000 to \$9,999	273	5	13	19	36	85	56	48	5	5	-	6	89
\$10,000 to \$14,999	154	-	21	9	13	28	50	5	5	5	-	18	97
\$15,000 to \$24,999	52	-	-	-	19	11	12	4	6	-	-	-	...
\$25,000 or more	6	-	-	-	-	6	-	-	-	-	-	-	...
Median	\$4 800	\$2000-	...	\$2 900	\$4 800	\$5 600	\$5 800	\$4 300	...	...	...	...	...
YEAR MOVED INTO UNIT													
1969 to March 1970													
1968	189	-	12	29	49	33	41	93	42	14	-	7	92
1967	108	15	-	14	24	18	22	13	12	-	-	-	82
1965 and 1966	251	7	25	22	61	48	52	36	-	-	-	8	...
1960 to 1964	218	7	16	26	30	42	73	18	-	-	-	6	84
1950 to 1959	88	12	-	-	7	21	7	-	7	-	-	6	89
1949 or earlier	25	-	5	-	-	-	-	8	-	-	-	34	...
GROSS RENT AS PERCENTAGE OF INCOME													
Less than 10 percent	176	15	34	22	43	34	24	4	-	-	-	-	74
10 to 14 percent	227	4	14	17	39	84	58	5	-	-	-	-	86
15 to 19 percent	252	5	16	32	44	82	53	20	6	-	-	-	86
20 to 24 percent	165	31	-	4	19	27	46	28	-	5	-	-	101
25 to 34 percent	196	29	4	30	17	35	55	9	17	-	-	-	89
35 percent or more	519	64	25	59	55	105	90	84	32	5	-	-	90
Not computed	80	9	4	-	6	-	6	-	-	-	-	55	...
AIR CONDITIONING													
Room unit(s)	75	14	-	5	18	8	12	11	7	-	-	-	...
Central system	38	38	-	-	-	-	-	-	-	-	-	-	...
None	1 490	90	81	164	202	322	332	157	61	14	-	67	88

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

Table C-3. Income in 1969 of Families and Primary Individuals in Owner and Renter Occupied Housing Units: 1970

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

	Total	Less than \$2,000	\$2,000 to \$2,999	\$3,000 to \$3,999	\$4,000 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$9,999	\$10,000 to \$14,999	\$15,000 to \$24,999	\$25,000 or more	Median (dollars)
Muskegon Heights												
Owner occupied housing units 3 660 447 252 220 187 219 190 879 947 287 32 8 100												
ROOMS												
1 and 2 rooms	14	-	4	-	-	-	-	6	4	-	-	...
3 rooms	82	39	-	-	-	6	6	18	8	5	-	...
4 rooms	836	115	73	79	28	44	50	225	201	16	5	7 400
5 rooms	1 344	184	90	101	99	98	108	331	237	91	5	6 900
6 rooms	856	70	70	15	38	36	13	208	314	87	5	9 700
7 rooms or more	528	39	15	25	22	35	13	91	183	88	17	10 700
PERSONS												
1 person	580	261	92	51	38	35	24	54	19	6	-	2 300
2 persons	1 157	132	90	116	109	80	70	266	257	32	5	6 700
3 and 4 persons	1 054	28	42	16	13	67	67	362	310	139	10	9 400
5 persons	312	16	17	16	4	13	17	52	143	34	-	10 700
6 persons or more	557	10	11	21	23	24	12	145	218	76	17	10 700
Units with roomers, boarders, or lodgers	152	44	20	5	13	11	6	18	26	9	-	4 500
BEDROOMS												
Less than 3	1 940	302	123	186	123	148	124	515	333	66	20	6 700
3	1 344	78	87	44	60	60	42	315	446	188	24	9 900
4 or more	424	44	-	-	23	20	39	80	144	74	-	10 200
YEAR STRUCTURE BUILT												
1969 to March 1970	31	6	-	-	4	-	-	5	16	-	-	...
1960 to 1968	110	-	4	5	9	7	-	29	27	24	5	10 200
1950 to 1959	529	49	12	22	22	34	49	146	151	44	-	8 600
1949 or earlier	2 990	392	236	193	152	178	141	699	753	219	27	7 900
YEAR MOVED INTO UNIT												
1969 to March 1970	280	6	10	15	27	22	26	88	68	18	-	8 200
1968	231	20	12	6	15	6	8	74	77	13	-	9 000
1960 to 1967	949	46	39	41	49	72	64	204	333	70	31	9 400
1959 or earlier	2 200	381	216	155	90	117	98	502	480	161	-	7 300
SELECTED CHARACTERISTICS												
Automatic clothes washing machine	2 267	219	86	86	105	121	100	511	741	254	44	9 400
Clothes dryer	2 067	167	85	84	145	164	81	441	677	199	24	9 100
Dishwasher	163	18	-	-	19	-	35	91	-	-	-	...
Home food freezer	1 222	78	65	105	43	101	78	265	340	147	-	8 600
Owned second home	192	-	-	-	-	20	-	21	56	95	-	...
With air conditioning	188	7	11	-	-	5	11	38	76	25	15	11 400
Room unit(s)	138	7	6	-	-	5	-	31	55	19	15	11 800
Central system	50	-	5	-	-	-	11	7	21	6	-	...
Automobiles available:												
1	2 012	176	186	143	138	136	138	526	465	104	-	7 500
2	963	6	16	8	-	60	34	261	428	129	21	11 100
3 or more	131	16	-	6	-	-	-	21	49	29	10	...
Renter occupied housing units 1 641 432 179 110 129 173 124 277 159 52 6 4 800												
ROOMS												
1 room	9	-	-	-	-	-	-	4	5	-	-	...
2 rooms	87	43	14	-	-	8	5	13	4	-	-	...
3 rooms	401	152	59	25	20	33	34	63	15	-	-	2 800
4 rooms	463	107	35	18	46	52	21	85	81	12	6	5 500
5 rooms	456	98	36	54	54	56	37	54	19	36	-	4 700
6 rooms or more	225	32	35	13	9	24	27	46	35	4	-	6 000
PERSONS												
1 person	443	223	62	15	15	41	11	40	29	7	-	2 000
2 persons	377	73	41	31	48	35	36	67	31	15	-	4 900
3 and 4 persons	495	93	59	40	25	49	49	109	50	15	6	5 600
5 persons	110	18	11	6	17	23	-	23	12	-	-	5 100
6 persons or more	216	25	6	18	24	25	28	38	37	15	-	6 400
Units with roomers, boarders, or lodgers	56	36	-	-	5	9	6	-	-	-	-	...
BEDROOMS												
None	22	-	-	-	-	-	-	22	-	-	-	...
1	546	170	106	-	23	43	96	65	43	-	-	3 000
2	730	180	66	46	25	195	24	89	63	22	20	5 200
3 or more	302	-	92	41	-	19	22	101	27	-	-	...
YEAR STRUCTURE BUILT												
1969 to March 1970	81	60	16	-	-	-	-	5	-	-	-	...
1960 to 1968	204	76	4	20	25	14	12	23	13	17	-	4 100
1950 to 1959	196	24	11	14	11	25	13	39	47	12	-	7 000
1949 or earlier	1 160	272	148	76	93	134	99	210	99	23	6	4 900
YEAR MOVED INTO UNIT												
1969 to March 1970	755	287	60	61	21	73	81	123	49	-	-	3 500
1968	189	27	18	14	27	14	6	44	24	15	-	5 600
1960 to 1967	584	116	58	42	104	59	28	75	61	41	-	4 700
1959 or earlier	113	27	5	7	-	-	-	29	38	7	-	...
GROSS RENT AS PERCENTAGE OF INCOME												
Specified renter occupied ¹	1 615	415	179	110	129	173	124	273	154	52	6	4 800
Less than 15 percent	403	-	-	-	-	23	30	166	126	52	6	9 700
15 to 19 percent	252	-	5	16	50	57	56	68	-	-	-	6 000
20 to 24 percent	165	20	11	9	27	43	17	28	10	-	-	5 400
25 to 34 percent	196	29	40	43	27	36	16	5	-	-	-	3 700
35 percent or more	519	331	118	42	13	10	5	-	-	-	-	2000-
Not computed	80	35	5	-	12	4	-	6	18	-	-	...
SELECTED CHARACTERISTICS												
Automatic clothes washing machine	356	65	46	-	23	44	46	85	47	-	-	...
Clothes dryer	315	69	22	26	23	44	46	58	27	-	-	...
Dishwasher	-	-	-	-	-	-	-	-	-	-	-	...
Home food freezer	139	-	-	-	23	25	-	44	47	-	-	...
Owned second home	45	21	24	-	-	-	-	-	-	-	-	...
With air conditioning	113	51	7	5	-	5	8	14	5	18	-	...
Room unit(s)	75	25	7	5	-	-	8	14	5	18	-	...
Central system	38	26	7	-	-	5	-	-	-	-	-	...
Automobiles available:												
1	852	146	46	74	109	93	76	191	77	40	-	5 500
2	212	18	8	10	22	19	12	42	69	12	-	8 200
3 or more	23	-	-	-	-	8	-	7	8	-	-	...

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

Table C-4. Plumbing Facilities by Persons Per Room for Owner and Renter Occupied Housing Units: 1970

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

Muskegon Heights	With all plumbing facilities						Lacking some or all plumbing facilities				
	Total	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more
Owner occupied housing units	3 660	3 608	1 906	1 333	241	128	52	37	15	-	-
PERSONS											
1 person	580	553	553	-	-	-	27	27	-	-	-
2 persons	1 157	1 142	1 100	42	-	-	15	10	5	-	-
3 persons	562	552	218	328	6	-	10	-	10	-	-
4 persons	492	492	30	462	-	-	-	-	-	-	-
5 persons	312	312	5	271	36	-	-	-	-	-	-
6 persons or more	557	557	-	230	199	128	-	-	-	-	-
Median	2.7	2.7	1.9	4.1	6.8	7.5+	...	...	...	-	-
Units with roomers, boarders, or lodgers	152	152	62	68	18	4	-	-	-	-	-
YEAR STRUCTURE BUILT											
1969 to March 1970	26	26	-	8	6	12	-	-	-	-	-
1965 to 1968	24	24	5	13	6	-	-	-	-	-	-
1960 to 1964	57	57	18	33	-	6	-	-	-	-	-
1950 to 1959	579	573	256	239	59	19	6	6	-	-	-
1940 to 1949	655	648	287	294	46	21	7	-	7	-	-
1939 or earlier	2 319	2 274	1 300	781	132	61	45	41	4	-	-
INCOME IN 1969											
Less than \$2,000	447	417	357	51	4	5	30	19	11	-	-
\$2,000 to \$2,999	252	243	183	49	5	6	9	9	-	-	-
\$3,000 to \$3,999	220	215	166	28	15	6	5	5	-	-	-
\$4,000 to \$4,999	187	187	151	26	6	4	-	-	-	-	-
\$5,000 to \$5,999	219	219	139	67	5	8	-	-	-	-	-
\$6,000 to \$6,999	190	190	97	81	6	6	-	-	-	-	-
\$7,000 to \$9,999	879	871	362	387	101	21	8	4	4	-	-
\$10,000 to \$14,999	947	947	355	473	57	62	-	-	-	-	-
\$15,000 to \$24,999	287	287	91	156	30	10	-	-	-	-	-
\$25,000 or more	32	32	5	15	12	-	-	-	-	-	-
Median	\$8 100	\$8 100	\$5 700	\$9 800	\$9 400	\$10 600	...	...	...	-	-
VALUE-INCOME RATIO											
Specified owner occupied ¹	3 376	3 334	1 729	1 261	216	128	42	27	15	-	-
Less than 1.5	1 957	1 953	742	947	170	94	4	-	4	-	-
1.5 to 1.9	391	386	237	133	12	4	5	5	-	-	-
2.0 to 2.4	237	223	154	50	10	9	14	9	5	-	-
2.5 to 2.9	145	145	92	43	10	-	-	-	-	-	-
3.0 to 3.9	199	199	163	20	10	6	-	-	-	-	-
4.0 or more	387	372	290	63	4	15	15	9	6	-	-
Not computed	60	56	51	5	-	-	4	4	-	-	-
HEATING EQUIPMENT											
Steam or hot water	150	150	79	62	4	5	-	-	-	-	-
Warm-air furnace	2 586	2 565	1 384	943	156	82	21	17	4	-	-
Built-in electric units	36	36	16	20	-	-	-	-	-	-	-
Floor, wall, or pipeless furnace	256	256	147	68	32	9	-	-	-	-	-
Other means	632	601	280	240	49	32	31	20	11	-	-
None	-	-	-	-	-	-	-	-	-	-	-
Renter occupied housing units	1 641	1 596	697	667	193	39	45	26	14	-	5
PERSONS											
1 person	443	412	408	4	-	-	31	26	5	-	-
2 persons	377	368	251	117	-	-	9	-	9	-	-
3 persons	290	290	35	255	-	-	-	-	-	-	-
4 persons	205	200	3	173	24	-	5	-	-	-	5
5 persons	110	110	-	75	24	11	-	-	-	-	-
6 persons or more	216	216	-	43	145	28	-	-	-	-	-
Median	2.5	2.6	1.4	3.3	6.5	...	...	...	...	-	-
Units with roomers, boarders, or lodgers	56	56	16	36	4	-	-	-	-	-	-
YEAR STRUCTURE BUILT											
1969 to March 1970	84	84	76	8	-	-	-	-	-	-	-
1965 to 1968	27	27	20	7	-	-	-	-	-	-	-
1960 to 1964	175	175	50	63	43	19	-	-	-	-	-
1950 to 1959	205	205	58	101	38	8	-	-	-	-	-
1940 to 1949	291	286	105	160	21	-	5	5	-	-	-
1939 or earlier	859	820	451	292	63	14	39	17	16	-	6
INCOME IN 1969											
Less than \$2,000	432	423	281	109	33	-	9	9	-	-	-
\$2,000 to \$2,999	179	174	90	73	6	5	5	-	-	-	5
\$3,000 to \$3,999	110	110	31	69	10	-	-	-	-	-	-
\$4,000 to \$4,999	129	129	68	37	18	6	-	-	-	-	-
\$5,000 to \$5,999	173	156	59	70	27	-	17	8	9	-	-
\$6,000 to \$6,999	124	119	24	72	19	4	5	5	-	-	-
\$7,000 to \$9,999	277	273	73	149	36	15	4	4	-	-	-
\$10,000 to \$14,999	159	154	49	67	29	9	5	-	5	-	-
\$15,000 to \$24,999	52	52	22	15	15	-	-	-	-	-	-
\$25,000 or more	6	6	-	6	-	-	-	-	-	-	-
Median	\$4 800	\$4 700	\$2 800	\$5 700	\$6 100	...	...	...	...	-	-
GROSS RENT AS PERCENTAGE OF INCOME											
Specified renter occupied ²	1 615	1 570	683	659	189	39	45	26	14	-	5
Less than 10 percent	176	167	66	59	38	4	9	4	5	-	-
10 to 14 percent	227	214	71	108	25	10	13	4	9	-	-
15 to 19 percent	252	248	83	123	27	15	4	4	-	-	-
20 to 24 percent	165	165	75	65	25	-	-	-	-	-	-
25 to 34 percent	196	191	93	77	21	-	5	-	-	-	5
35 percent or more	519	505	255	202	43	5	14	14	-	-	-
Not computed	80	80	40	25	10	5	-	-	-	-	-
HEATING EQUIPMENT											
Steam or hot water	173	164	84	80	-	-	9	4	5	-	-
Warm-air furnace	848	821	380	341	80	20	27	13	9	-	5
Built-in electric units	94	94	68	22	4	-	-	-	-	-	-
Floor, wall, or pipeless furnace	135	135	23	60	52	-	-	-	-	-	-
Other means	391	382	142	164	57	19	9	9	-	-	-
None	-	-	-	-	-	-	-	-	-	-	-

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 C—5. Rooms in Owner and Renter Occupied Housing Units: 1970

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

Muskegon Heights	Total	1 room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Median
Owner occupied housing units	3 660	-	14	82	836	1 344	856	329	199	5.2
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	3 566	-	6	54	877	1 257	861	318	193	5.2
PERSONS										
1 person	580	-	-	21	207	243	79	30	-	4.8
2 persons	1 157	-	8	39	345	484	190	63	28	4.9
3 persons	562	-	6	8	130	200	152	50	16	5.2
4 persons	492	-	-	-	81	201	142	38	30	5.3
5 persons	312	-	-	-	36	95	118	30	33	5.7
6 persons or more	557	-	-	14	37	121	175	118	92	6.1
Median	2.7	-	-	-	2.1	2.4	3.5	4.1	5.3	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	3 608	-	14	77	832	1 310	847	329	199	5.2
0.50 or less	1 906	-	-	21	548	703	412	143	79	5.0
0.51 to 1.00	1 333	-	8	42	211	486	327	160	99	5.3
1.01 to 1.50	241	-	6	-	41	79	78	21	16	5.4
1.51 or more	128	-	-	14	32	42	30	5	5	4.9
Lacking some or all plumbing facilities	52	-	-	5	4	34	9	-	-	...
0.50 or less	37	-	-	4	4	24	9	-	-	...
0.51 to 1.00	15	-	-	5	-	10	-	-	-	...
1.01 to 1.50	-	-	-	-	-	-	-	-	-	...
1.51 or more	-	-	-	-	-	-	-	-	-	...
BEDROOMS										
None and 1	243	-	40	77	107	19	-	-	-	...
2	1 697	-	-	22	645	910	102	-	18	4.7
3	1 344	-	-	-	-	516	601	185	42	5.8
4 or more	424	-	-	-	-	42	90	181	111	6.9
YEAR STRUCTURE BUILT										
1969 to March 1970	31	-	-	-	-	4	9	18	-	...
1960 to 1968	110	-	6	4	4	57	30	-	9	5.2
1950 to 1959	529	-	4	15	156	197	107	24	26	5.0
1949 or earlier	2 990	-	4	63	676	1 086	710	287	164	5.2
COMPLETE BATHROOMS										
1 and 1 1/2	3 354	-	6	54	879	1 202	792	271	150	5.1
2 or more	235	-	-	-	5	55	69	47	59	6.3
None or also used by another household	71	-	-	14	-	43	14	-	-	...
VALUE-INCOME RATIO										
Specified owner occupied ¹	3 376	-	14	73	773	1 232	804	297	183	5.2
Less than 1.5	1 957	-	10	24	409	653	506	219	136	5.3
1.5 to 1.9	391	-	-	4	109	150	98	30	-	5.1
2.0 to 2.9	382	-	4	16	106	160	68	5	23	4.9
3.0 or more	586	-	-	29	139	244	118	32	24	5.0
Not computed	60	-	-	-	10	25	14	11	-	...
Renter occupied housing units	1 641	9	87	401	463	456	148	49	28	4.2
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	1 563	-	82	332	446	471	132	58	42	4.3
PERSONS										
1 person	443	9	74	227	88	40	5	-	-	3.1
2 persons	377	-	8	118	150	78	23	-	-	3.9
3 persons	290	-	-	21	122	112	16	11	8	4.5
4 persons	205	-	5	24	52	88	29	4	3	4.7
5 persons	110	-	-	11	24	46	17	12	-	4.9
6 persons or more	216	-	-	-	27	92	58	22	17	5.4
Median	2.5	-	-	1.4	2.5	3.5	4.6	...	...	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	1 596	4	69	379	463	456	148	49	28	4.2
0.50 or less	697	-	61	214	238	118	44	11	11	3.8
0.51 to 1.00	667	4	8	130	174	246	50	38	17	4.6
1.01 to 1.50	193	-	-	24	42	82	45	-	-	4.9
1.51 or more	39	-	-	11	9	10	9	-	-	...
Lacking some or all plumbing facilities	45	5	18	22	-	-	-	-	-	...
0.50 or less	26	-	13	13	-	-	-	-	-	...
0.51 to 1.00	14	5	-	9	-	-	-	-	-	...
1.01 to 1.50	-	-	-	-	-	-	-	-	-	...
1.51 or more	5	-	5	-	-	-	-	-	-	...
BEDROOMS										
None	22	22	-	-	-	-	-	-	-	...
1	546	-	21	458	44	23	-	-	-	3.1
2	730	-	-	66	383	230	26	25	-	4.3
3 or more	302	-	-	-	-	101	201	-	-	...
YEAR STRUCTURE BUILT										
1969 to March 1970	81	-	30	51	-	-	-	-	-	...
1960 to 1968	204	-	13	29	39	100	17	6	-	4.7
1950 to 1959	196	-	-	24	103	49	20	-	-	4.2
1949 or earlier	1 160	9	44	297	321	307	111	43	28	4.2
COMPLETE BATHROOMS										
1 and 1 1/2	1 538	-	77	332	446	471	132	58	22	4.3
2 or more	25	-	5	-	-	-	-	-	20	...
None or also used by another household	78	5	23	32	12	6	-	-	-	...
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied ²	1 615	9	87	401	450	453	138	49	28	4.2
Less than 10 percent	176	5	13	41	59	44	4	10	-	4.0
10 to 14 percent	227	-	8	73	70	43	25	-	8	4.0
15 to 19 percent	252	4	4	37	89	84	30	4	-	4.4
20 to 24 percent	165	-	9	41	33	52	25	-	5	4.5
25 to 34 percent	196	-	28	43	30	54	20	9	12	4.4
35 percent or more	519	-	25	153	122	165	25	26	3	4.2
Not computed	80	-	-	13	47	11	9	-	-	...

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 C-6. Units in Structure for Owner and Renter Occupied Housing Units: 1970

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

Muskegon Heights	Owner occupied				Renter occupied							
	Total	1 unit	2 units or more	Mobile home or trailer	Total	1 unit	2 units	3 and 4 units	5 to 9 units	10 to 19 units	20 units or more	Mobile home or trailer
All occupied housing units	3 660	3 425	231	4	1 641	725	310	313	121	63	109	-
ROOMS												
1 room	-	-	-	-	9	-	-	-	-	-	-	9
2 rooms	14	14	-	-	87	4	10	12	5	13	43	-
3 rooms	82	73	9	-	401	39	118	119	40	39	46	-
4 rooms	836	777	59	-	463	249	83	102	18	-	11	-
5 rooms	1 344	1 248	92	4	456	241	87	68	49	11	-	-
6 rooms	856	833	23	-	148	127	6	6	9	-	-	-
7 rooms	329	297	32	-	49	43	-	6	-	-	-	-
8 rooms or more	199	183	16	-	28	22	6	-	-	-	-	-
Median	5.2	5.2	5.0	-	4.2	4.8	3.8	3.8	4.4	-	2.6	-
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	3 608	3 383	221	4	1 596	725	296	300	116	59	100	-
0.50 or less	1 906	1 760	142	4	697	261	116	162	31	42	85	-
0.51 to 1.00	1 333	1 270	63	-	667	323	160	110	42	17	15	-
1.01 to 1.50	241	225	16	-	193	127	15	18	33	-	-	-
1.51 or more	128	128	-	-	39	14	5	10	10	-	-	-
Lacking some or all plumbing facilities	52	42	10	-	45	-	14	13	5	4	9	-
0.50 or less	37	27	10	-	26	-	14	4	-	4	4	-
0.51 to 1.00	15	15	-	-	14	-	-	9	-	-	5	-
1.01 to 1.50	-	-	-	-	-	-	-	-	-	-	-	-
1.51 or more	-	-	-	-	5	-	-	-	5	-	-	-
BEDROOMS												
None	-	-	-	-	22	-	-	-	-	-	22	-
1	243	199	44	-	546	91	130	107	69	64	85	-
2	1 697	1 593	83	21	730	407	172	85	66	-	-	-
3	1 344	1 302	42	-	238	150	-	88	-	-	-	-
4 or more	424	382	42	-	64	45	-	-	19	-	-	-
YEAR STRUCTURE BUILT												
1967 to March 1970	31	25	6	-	81	-	-	-	-	15	66	-
1965 to 1968	31	27	-	4	29	10	-	-	5	-	14	-
1960 to 1964	79	79	-	-	175	29	-	80	66	-	-	-
1950 to 1959	529	515	14	-	196	134	36	26	-	-	-	-
1940 to 1949	698	670	28	-	300	164	80	51	5	-	-	-
1939 or earlier	2 292	2 109	183	-	860	388	194	156	45	48	29	-
INCOME IN 1969												
Less than \$2,000	447	396	51	-	432	159	56	95	28	25	69	-
\$2,000 to \$2,999	252	235	17	-	179	61	45	47	10	-	16	-
\$3,000 to \$3,999	220	201	19	-	110	52	20	28	5	5	-	-
\$4,000 to \$4,999	187	158	29	-	129	51	23	38	17	-	-	-
\$5,000 to \$5,999	219	206	13	-	173	98	39	19	4	9	4	-
\$6,000 to \$6,999	190	180	10	-	124	63	23	18	14	6	-	-
\$7,000 to \$9,999	879	847	32	-	277	130	60	33	25	14	15	-
\$10,000 to \$14,999	947	901	46	-	159	90	30	25	5	4	5	-
\$15,000 to \$24,999	287	274	9	4	52	15	14	10	13	-	-	-
\$25,000 or more	32	27	5	-	6	6	-	-	-	-	-	-
Median	\$8 100	\$8 200	\$5 000	-	\$4 800	\$5 400	\$5 300	\$3 500	\$5 100	-	\$2000	-
YEAR MOVED INTO UNIT												
1969 to March 1970	280	263	17	-	755	338	145	91	42	44	95	-
1968	231	213	18	-	189	58	55	64	7	-	5	-
1967	161	151	10	-	108	56	18	11	18	-	5	-
1965 and 1966	271	271	-	-	258	120	14	77	28	14	5	-
1960 to 1964	517	482	35	-	218	82	46	74	16	-	-	-
1950 to 1959	1 024	974	50	-	80	52	21	7	-	-	-	-
1949 or earlier	1 176	1 064	112	-	33	28	-	-	-	5	-	-
GROSS RENT												
Specified renter occupied					1 615	699	310	313	121	63	109	-
Less than \$50	-	-	-	-	157	4	29	30	-	15	79	-
\$50 to \$59	-	-	-	-	97	10	7	44	22	4	10	-
\$60 to \$69	-	-	-	-	164	38	11	70	21	19	5	-
\$70 to \$79	-	-	-	-	223	40	70	54	44	15	-	-
\$80 to \$99	-	-	-	-	367	153	111	58	30	4	11	-
\$100 to \$119	-	-	-	-	332	231	41	52	4	-	4	-
\$120 to \$149	-	-	-	-	150	120	19	5	-	6	-	-
\$150 to \$199	-	-	-	-	60	43	17	-	-	-	-	-
\$200 to \$299	-	-	-	-	10	5	5	-	-	-	-	-
\$300 or more	-	-	-	-	-	-	-	-	-	-	-	-
No cash rent	-	-	-	-	55	55	-	-	-	-	-	-
Median	-	-	-	-	\$86	\$107	\$85	\$72	\$74	-	\$50	-
HEATING EQUIPMENT												
Steam or hot water	150	132	18	-	173	30	21	58	11	43	10	-
Warm-air furnace	2 586	2 430	152	4	848	379	156	176	83	20	34	-
Built-in electric units	36	36	-	-	94	11	5	-	13	-	65	-
Floor, wall, or pipeless furnace	256	252	4	-	135	94	11	30	-	-	-	-
Other means	632	575	57	-	391	211	117	49	14	-	-	-
None	-	-	-	-	-	-	-	-	-	-	-	-
AIR CONDITIONING												
Room units	138	103	35	-	75	35	8	7	18	7	-	-
Central system	50	50	-	-	38	-	-	-	-	-	38	-
None	3 472	3 265	207	-	1 528	699	291	317	93	56	72	-
AUTOMOBILES AVAILABLE												
1	2 012	1 873	139	-	852	402	181	155	58	26	30	-
2	963	923	40	-	212	129	28	36	19	-	-	-
3 or more	131	115	16	-	23	16	7	-	-	-	-	-
None	554	507	47	-	554	187	90	126	34	37	80	-

Excludes one-family homes on 10 acres or more.

Table C-7. Household Composition for Owner and Renter Occupied Housing Units: 1970

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

Muskegon Heights

	Total	Two-or-more-person households								One-person households		
		Male head, wife present, no nonrelatives					Other male head		Female head		Under 65 years	65 years and over
		Under 25 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Under 65 years	65 years and over	Under 65 years	65 years and over		
Owner occupied housing units	3 660	79	325	456	1 226	458	82	22	294	138	281	299
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	3 608	79	325	456	1 226	437	82	22	294	134	266	287
0.50 or less	1 906	30	42	85	546	374	42	16	117	101	266	287
0.51 to 1.00	1 333	49	209	278	559	57	20	6	122	33	-	-
1.01 to 1.50	241	-	54	51	86	-	20	-	30	-	-	-
1.51 or more	128	-	20	42	35	6	-	-	25	-	-	-
Lacking some or all plumbing facilities	52	-	-	-	-	21	-	-	-	4	15	12
0.50 or less	37	-	-	-	-	10	-	-	-	-	15	12
0.51 to 1.00	15	-	-	-	-	11	-	-	-	4	-	-
1.01 to 1.50	-	-	-	-	-	-	-	-	-	-	-	-
1.51 or more	-	-	-	-	-	-	-	-	-	-	-	-
UNITS IN STRUCTURE												
1	3 425	74	312	429	1 181	435	72	22	263	110	261	266
2 or more	231	5	13	27	41	23	10	-	31	28	20	33
Mobile home or trailer	4	-	-	-	4	-	-	-	-	-	-	-
INCOME IN 1969												
Less than \$2,000	447	-	-	5	26	77	-	-	32	46	81	180
\$2,000 to \$2,999	252	-	16	4	26	65	-	5	38	6	40	52
\$3,000 to \$3,999	220	5	4	7	25	84	-	-	37	7	30	21
\$4,000 to \$4,999	187	-	27	-	15	68	5	-	19	15	21	17
\$5,000 to \$5,999	219	5	4	16	48	66	5	-	36	4	27	8
\$6,000 to \$6,999	190	10	20	9	92	20	-	-	15	-	16	8
\$7,000 to \$9,999	879	30	145	107	385	41	32	-	34	51	41	13
\$10,000 to \$14,999	947	25	92	220	442	33	26	17	69	4	19	-
\$15,000 to \$24,999	287	4	17	83	145	4	14	-	14	-	6	-
\$25,000 or more	32	-	-	5	22	-	-	-	-	5	-	-
Median	\$8 100	...	\$8 900	\$11 800	\$10 000	\$4 000	...	...	\$5 600	\$4 700	\$3 700	\$2000-
VALUE-INCOME RATIO												
Specified owner occupied?	3 376	74	303	416	1 170	424	72	22	263	110	256	266
Less than 1.5	1 957	55	211	356	927	95	72	17	122	47	55	-
1.5 to 1.9	391	4	56	42	110	68	-	-	29	12	38	32
2.0 to 2.4	237	10	11	-	50	80	-	-	15	-	43	28
2.5 to 2.9	145	5	-	13	19	40	-	-	31	-	17	20
3.0 to 3.9	199	-	5	-	31	41	-	-	33	13	27	49
4.0 or more	387	-	20	-	28	96	-	5	33	29	65	111
Not computed	60	-	-	5	5	4	-	-	-	9	11	26
Renter occupied housing units	1 641	177	246	78	180	50	49	-	401	17	274	169
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	1 596	177	246	78	175	50	49	-	392	17	257	155
0.50 or less	697	22	36	10	57	30	29	-	97	8	253	155
0.51 to 1.00	667	144	146	46	81	20	15	-	202	9	4	-
1.01 to 1.50	193	11	54	18	23	-	5	-	82	-	-	-
1.51 or more	39	-	10	4	14	-	-	-	11	-	-	-
Lacking some or all plumbing facilities	45	-	-	-	5	-	-	-	9	-	17	14
0.50 or less	26	-	-	-	-	-	-	-	-	-	12	14
0.51 to 1.00	14	-	-	-	-	-	-	-	9	-	5	-
1.01 to 1.50	-	-	-	-	-	-	-	-	-	-	-	-
1.51 or more	5	-	-	-	5	-	-	-	-	-	-	-
UNITS IN STRUCTURE												
1	725	96	147	49	109	29	16	-	202	13	45	19
2 to 4	623	71	80	10	45	15	28	-	143	4	146	81
5 to 19	184	10	19	19	15	-	5	-	56	-	45	15
20 or more	109	-	-	-	11	6	-	-	-	-	38	54
Mobile home or trailer	-	-	-	-	-	-	-	-	-	-	-	-
GROSS RENT												
Specified renter occupied?	1 615	177	241	78	176	50	49	-	384	17	274	169
Less than \$50	157	-	-	-	-	10	-	-	4	-	44	99
\$50 to \$59	97	12	16	-	9	-	-	-	23	-	28	9
\$60 to \$69	164	11	21	-	11	6	5	-	39	4	51	16
\$70 to \$79	223	17	38	8	25	6	6	-	64	-	44	15
\$80 to \$99	367	45	71	22	34	15	25	-	81	-	74	-
\$100 to \$119	332	44	64	33	35	8	8	-	99	8	23	10
\$120 to \$149	150	27	10	15	22	5	5	-	56	-	5	5
\$150 to \$199	60	21	10	-	11	-	-	-	18	-	-	-
\$200 to \$299	10	-	5	-	-	-	-	-	-	-	-	5
\$300 or more	-	-	-	-	-	-	-	-	-	-	-	-
No cash rent	55	-	6	-	29	-	-	-	-	5	5	10
GROSS RENT AS PERCENTAGE OF INCOME BY INCOME												
Specified renter occupied?	1 615	177	241	78	176	50	49	-	384	17	274	169
Less than \$5,000	833	34	53	10	43	42	30	-	294	12	151	164
Less than 20 percent	71	18	5	-	4	6	-	-	24	4	5	5
20 to 24 percent	67	-	4	-	-	10	8	-	9	-	16	20
25 to 34 percent	139	5	11	10	14	6	-	-	25	8	26	34
35 percent or more	504	11	27	-	19	20	22	-	226	-	89	90
Not computed	52	-	6	-	6	-	-	-	10	-	15	15
\$5,000 to \$9,999	570	127	133	47	78	8	19	-	66	-	87	5
Less than 20 percent	400	79	112	19	63	8	15	-	37	-	67	-
20 to 24 percent	88	21	21	15	-	-	4	-	12	-	15	-
25 to 34 percent	57	17	-	13	5	-	-	-	17	-	5	-
35 percent or more	15	10	-	-	-	-	-	-	-	-	-	5
Not computed	10	-	-	-	10	-	-	-	-	-	-	-
\$10,000 to \$14,999	154	16	40	21	38	-	-	-	5	5	29	-
Less than 20 percent	126	16	30	21	25	-	-	-	5	-	29	-
20 to 24 percent	10	-	10	-	-	-	-	-	-	-	-	-
25 percent or more	-	-	-	-	-	-	-	-	-	-	-	-
Not computed	18	-	-	-	13	-	-	-	-	5	-	-
\$15,000 or more	58	-	15	-	17	-	-	-	19	-	7	-
Less than 20 percent	58	-	15	-	17	-	-	-	19	-	7	-
20 to 24 percent	-	-	-	-	-	-	-	-	-	-	-	-
25 percent or more	-	-	-	-	-	-	-	-	-	-	-	-
Not computed	-	-	-	-	-	-	-	-	-	-	-	-

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 C—8. Persons in Owner and Renter Occupied Housing Units: 1970

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

Muskegon Heights	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons or more	Median
Owner occupied housing units	3 660	580	1 157	562	492	312	216	185	156	2.7
BEDROOMS										
None and 1	243	98	83	19	25	—	18	—	—	...
2	1 697	336	847	150	213	69	18	41	23	2.1
3	1 344	123	247	247	335	117	71	95	94	3.6
4 or more	424	20	64	57	46	96	52	54	35	4.8
YEAR STRUCTURE BUILT										
1969 to March 1970	31	—	—	—	—	11	—	7	13	...
1965 to 1968	31	4	4	6	5	7	—	5	—	...
1960 to 1964	79	11	26	19	13	—	5	—	5	...
1950 to 1959	529	46	170	96	88	30	31	38	30	3.0
1940 to 1949	698	86	223	101	123	77	34	27	27	2.9
1939 or earlier	2 292	433	734	340	263	187	146	108	81	2.5
UNITS IN STRUCTURE										
1	3 425	527	1 066	537	483	284	197	175	156	2.7
2 or more	231	53	87	25	9	28	19	10	—	2.2
Mobile home or trailer	4	—	4	—	—	—	—	—	—	...
COMPLETE BATHROOMS										
1 and 1 1/2	3 354	528	1 031	559	472	282	197	141	144	2.7
2 and 2 1/2	199	21	46	19	12	35	27	23	16	4.5
3 or more	36	—	21	—	—	9	—	6	—	...
None or also used by another household	71	39	28	4	—	—	—	—	—	...
HOUSEHOLD COMPOSITION										
Two-or-more-person households	3 080		1 157	562	492	312	216	185	156	3.2
Male head, wife present, no nonrelatives	2 544	—	927	456	429	272	194	149	117	3.3
Under 25 years	79	—	25	34	14	—	6	—	—	...
25 to 34 years	325	—	24	40	118	56	27	46	14	4.3
35 to 44 years	456	—	52	60	90	64	88	47	55	4.9
45 to 64 years	1 226	—	460	255	194	146	73	56	42	3.1
65 years and over	458	—	366	67	13	6	—	—	6	2.1
Other male head	104	—	44	24	10	5	—	16	5	2.8
Under 65 years	82	—	35	17	10	5	—	10	5	...
65 years and over	22	—	9	7	—	—	—	6	—	...
Female head	432	—	186	82	53	35	22	20	34	2.9
Under 65 years	294	—	82	52	49	35	22	20	34	3.8
65 years and over	138	—	104	30	4	—	—	—	—	2.2
One-person households	580	580								1.0
VALUE-INCOME RATIO										
Specified owner occupied	3 376	522	1 040	537	479	279	197	175	147	2.7
Less than 1 5	1 957	55	520	399	361	203	160	141	118	3.5
1 5 to 1 9	391	70	151	54	72	21	12	11	—	2.3
2 0 to 2 4	237	71	84	25	13	13	15	12	4	2.1
2 5 to 2 9	145	37	59	7	10	22	5	—	5	2.1
3 0 to 3 9	199	76	85	12	10	—	—	11	5	1.8
4 0 or more	387	176	123	40	13	20	—	—	15	1.6
Not computed	60	37	18	—	—	—	5	—	—	...
Renter occupied housing units	1 641	443	377	290	205	110	68	98	50	2.5
BEDROOMS										
None	22	—	—	—	—	—	—	—	—	...
1	546	297	175	—	74	—	—	—	—	1.4
2	730	150	69	247	53	125	43	43	—	3.1
3 or more	302	—	22	40	117	25	—	42	56	...
YEAR STRUCTURE BUILT										
1969 to March 1970	81	70	11	—	—	—	—	—	—	...
1965 to 1968	29	14	6	—	4	5	—	—	—	...
1960 to 1964	175	21	29	13	42	6	22	16	26	4.1
1950 to 1959	196	20	37	60	36	12	17	9	5	3.2
1940 to 1949	300	48	74	95	29	18	14	16	6	2.8
1939 or earlier	860	270	220	122	94	69	15	57	13	2.2
UNITS IN STRUCTURE										
1	725	64	173	184	100	70	29	73	32	3.2
2	310	93	86	66	27	17	11	10	—	2.2
3 and 4	313	134	67	24	42	18	20	4	4	1.8
5 to 9	121	14	28	16	25	5	8	11	14	3.6
10 to 19	63	46	6	—	11	—	—	—	—	...
20 or more	109	92	17	—	—	—	—	—	—	1.1
Mobile home or trailer	—	—	—	—	—	—	—	—	—	...
COMPLETE BATHROOMS										
1 and 1 1/2	1 538	385	396	251	203	90	78	90	45	2.5
2 or more	25	5	—	12	—	—	—	8	—	...
None or also used by another household	78	43	11	5	13	6	—	—	—	...
HOUSEHOLD COMPOSITION										
Two-or-more-person households	1 198		377	290	205	110	68	98	50	3.3
Male head, wife present, no nonrelatives	731	—	230	176	125	76	39	47	38	3.3
Under 25 years	177	—	40	79	—	6	—	6	—	3.1
25 to 34 years	246	—	47	54	59	41	27	6	12	3.9
35 to 44 years	78	—	22	6	5	11	8	13	13	...
45 to 64 years	180	—	83	25	15	18	4	22	13	2.8
65 years and over	50	—	38	12	—	—	—	—	—	...
Other male head	49	—	33	4	12	—	—	—	—	...
Under 65 years	49	—	33	4	12	—	—	—	—	...
65 years and over	—	—	—	—	—	—	—	—	—	...
Female head	418	—	114	110	68	34	29	51	12	3.4
Under 65 years	401	—	106	105	64	34	29	51	12	3.4
65 years and over	17	—	8	5	4	—	—	—	—	...
One-person households	443	443								1.0
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied	1 615	443	369	284	197	110	68	98	46	2.5
Less than 10 percent	176	62	23	19	29	6	20	9	8	2.7
10 to 14 percent	227	24	93	39	36	18	8	—	9	2.5
15 to 19 percent	252	27	76	63	34	17	4	16	15	2.9
20 to 24 percent	165	51	29	25	25	5	10	6	14	2.6
25 to 34 percent	196	65	34	21	18	17	14	27	—	2.3
35 percent or more	519	184	104	104	45	35	12	35	—	2.2
Not computed	80	30	10	13	10	12	—	5	—	...

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 C-9. Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1970

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

Muskegon Heights				Muskegon Heights					
	Total	Less than 2 months	2 up to 6 months	6 months or more		Total	Less than 2 months	2 up to 6 months	6 months or more
Vacant for sale	62	9	12	41	Vacant for rent	98	25	54	19
ROOMS					ROOMS				
1 to 3 rooms	11	-	-	11	1 room	-	-	-	-
4 rooms	11	-	4	7	2 rooms	4	-	-	4
5 rooms	20	4	-	16	3 rooms	31	7	21	3
6 rooms	7	-	4	3	4 rooms	19	12	7	-
7 rooms or more	13	5	4	4	5 rooms	19	6	8	5
PLUMBING FACILITIES					6 rooms	18	-	14	4
With all plumbing facilities	62	9	12	41	7 rooms or more	7	-	4	3
Lacking some or all plumbing facilities	-	-	-	-	PLUMBING FACILITIES				
BEDROOMS					With all plumbing facilities	91	25	51	15
None and 1	38	-	-	38	Lacking some or all plumbing facilities	7	-	3	4
2	58	-	20	38	BEDROOMS				
3	-	-	-	-	None	-	-	-	-
4 or more	-	-	-	-	1	96	58	-	38
YEAR STRUCTURE BUILT					2	-	-	-	-
1949 to March 1970	3	-	-	3	3 or more	-	-	-	-
1949 to 1968	5	5	-	-	YEAR STRUCTURE BUILT				
1950 to 1959	-	-	-	-	1969 to March 1970	-	-	-	-
1949 or earlier	54	4	12	38	1960 to 1968	4	4	-	-
UNITS IN STRUCTURE					1950 to 1959	-	-	-	-
1	54	5	12	37	1949 or earlier	94	21	54	19
2 or more	8	4	-	4	UNITS IN STRUCTURE				
HEATING EQUIPMENT					1	44	7	29	8
Steam or hot water	7	-	-	7	2 to 4	40	10	19	11
Warm-air furnace	42	4	4	34	5 to 9	7	4	3	-
Built-in electric units	-	-	-	-	10 to 19	7	4	3	-
Floor, wall, or pipeless furnace	4	-	4	-	20 or more	-	-	-	-
Other means	9	5	4	-	RENT ASKED				
None	-	-	-	-	Specified vacant for rent ²	98	25	54	19
SALES PRICE ASKED					Less than \$50	4	-	-	4
Specified vacant for sale ¹	54	5	12	37	\$50 to \$59	11	-	11	-
Less than \$5,000	4	-	4	-	\$60 to \$79	33	10	15	8
\$5,000 to \$9,999	27	-	4	23	\$80 to \$99	31	4	20	7
\$10,000 to \$14,999	19	5	-	14	\$100 to \$119	11	7	4	-
\$15,000 to \$19,999	4	-	4	-	\$120 to \$149	8	4	4	-
\$20,000 to \$24,999	-	-	-	-	\$150 to \$199	-	-	-	-
\$25,000 to \$34,999	-	-	-	-	\$200 or more	-	-	-	-
\$35,000 to \$49,999	-	-	-	-	Median rent asked .....	...	...	...	...
\$50,000 or more	-	-	-	-					
Median price asked .....	...	...	...	...	

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 C-10. Sales Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1970

[Data based on sample, see text. For meaning of symbols, see text]

Muskegon Heights	Sales price asked—Vacant for sale ¹						Rent asked—Vacant for rent ²						
	Total	Less than \$10,000	\$10,000 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999 or more	Total	Less than \$60	\$60 to \$79	\$80 to \$99	\$100 to \$149	\$150 to \$199	\$200 or more
Total	54	31	19	4	-	-	98	15	33	31	19	-	-
PLUMBING FACILITIES													
With all plumbing facilities	77	77	-	-	-	-	77	-	58	-	19	-	-
Lacking some or all plumbing facilities	-	-	-	-	-	-	19	19	-	-	-	-	-
BEDROOMS													
None and 1	38	38	-	-	-	-	96	19	58	-	19	-	-
2	39	39	-	-	-	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-	-	-	-
4 or more	-	-	-	-	-	-	-	-	-	-	-	-	-
YEAR STRUCTURE BUILT													
1969 to March 1970	3	3	-	-	-	-	-	-	-	-	-	-	-
1960 to 1968	5	-	5	-	-	-	4	-	-	4	-	-	-
1950 to 1959	-	-	-	-	-	-	-	-	-	-	-	-	-
1949 or earlier	46	28	14	4	-	-	94	15	33	27	19	-	-
UNITS IN STRUCTURE													
1 .....	...	...	...	...	...	...	44	7	16	17	4	-	-
2 to 4 .....	...	...	...	...	...	...	40	8	14	7	11	-	-
5 to 19 .....	...	...	...	...	...	...	14	-	3	7	4	-	-
20 or more .....	...	...	...	...	...	...	-	-	-	-	-	-	-
INCLUSION OF UTILITIES IN RENT													
All utilities included .....	...	...	...	...	...	...	43	8	17	7	11	-	-
Some or no utilities included .....	...	...	...	...	...	...	55	7	16	24	8	-	-

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

Appendix A.—AREA CLASSIFICATIONS

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USUAL PLACE OF RESIDENCE

In accordance with census practice dating back to 1790, each person enumerated in the 1970 census was counted as an inhabitant of his usual place of residence, which is generally construed to mean the place where he lives and sleeps most of the time. This place is not necessarily the same as his legal residence, voting residence, or domicile. In the vast majority of cases, however, the use of these different bases of classification would produce substantially the same statistics although there may be appreciable differences for a few areas.

The implementation of this practice has resulted in the establishing of residence rules for certain categories of persons whose usual place of residence is not immediately clear. Furthermore, this practice means that persons were not always counted as residents of the place where they happened to be found by the census enumerators. Persons without a usual place of residence were, however, counted where they were enumerated. Detailed information on residence rules is given in the 1970 Population Census PC(1)-A reports.

COUNTIES

The primary divisions of the States are, in general, termed counties, but in Louisiana these divisions are known as parishes. There are no counties in Alaska; in this State, statistical areas called census divisions were developed

for general statistical purposes through the cooperation of the State and the Census Bureau and are treated as county equivalents. In four States (Maryland, Missouri, Nevada, and Virginia), there are one or more cities which are independent of any county organization and thus constitute primary divisions of their States.

PLACES

Two types of places are recognized in the census reports, incorporated places and unincorporated places. Incorporated places are political units incorporated as cities, boroughs, towns, and villages except for (a) boroughs in Alaska and (b) towns in the New England States, New York, and Wisconsin. Unincorporated places are closely settled population centers without corporate limits for which the Census Bureau has delineated boundaries. Each place so delineated possesses a definite nucleus of residences and has its boundaries drawn to include, if feasible, all the surrounding closely settled area. Unincorporated places are identified with the letter "U."

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. 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.

The figures for central cities shown in this report may differ from those shown in the Housing Census HC(1)-A and HC(1)-B reports. In those reports, if a central city of an SMSA is an extended city (so designated because it has extended its boundaries to include territory essentially rural in character), the figures shown for the central city were restricted to the urban portion of the city. In addition, parts of central cities outside the SMSA boundaries were excluded from the central city tabulations. In this report, however, figures for central cities refer to the entire population and housing within the legal city boundaries, including any rural parts of the city or parts outside the SMSA

Appendix B.—DEFINITIONS AND EXPLANATIONS OF SUBJECT CHARACTERISTICS

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GENERAL

Self-enumeration and census questionnaire.—As stated in the introductory text of this report, the 1970 census was conducted primarily through self-enumeration. Furthermore, census takers were instructed to read the questions directly from the questionnaire in their telephone and personal visit interviews. The questionnaire pages containing the housing questions asked on a 100-percent basis and the additional questions asked on a sample basis, as well as the page of the respondent instruction sheet which relates to these questions, are reproduced on pages App-10 to App-13. The definitions and explanations given below for each subject are, to a considerable extent, drawn from various technical and procedural materials used in the collection of the data. This material helped the enumerative personnel to understand more fully the intent of each question and thus to resolve problem or unusual cases. Also included is certain explanatory information to assist the user in the proper utilization of the statistics.

Comparability with 1960 data.—Although the 1970 data are generally comparable with the data collected in 1960, certain changes have been introduced. The 1960 inquiry regarding owner occupancy has been subdivided to show a separate category for cooperatives and condominiums in 1970. The 1960 question on cooking equipment was broadened in 1970 to cover "complete kitchen facilities"; i.e., an installed sink with piped water, a range or cookstove, and a mechanical refrigerator. On the other hand, the 1960 question on condition of housing unit (i.e., sound, deteriorating, or dilapidated) was eliminated because of serious problems with response reliability.

Items which were added to the 1970 questionnaire are dishwasher and owned second home. The 1960 inquiry on television has been subdivided to provide separate information on television sets which can receive UHF broadcasts. The 1970 inquiry on radios is limited to battery-operated sets including car radios, whereas the 1960 inquiry covered radio sets of all kinds located in the unit. Data on television sets and radios are not given in this report; statistics on these appliances, however, are presented in the 1970 Housing Census, HC(1)-B reports.

There have also been changes in the scope of some of the tabulations. The tabulations on value and contract rent refer to slightly different sets of housing units in 1970 than in 1960. Summarized generally, the difference is that the 1970 data exclude units on places of 10 acres or more whereas the 1960 data exclude units on farms; more specific information can be obtained by comparing the value and rent definitions in the present report with those in 1960 Housing Census Volume I.

Data on elevator in structure were collected for all geographic areas in 1970. In 1960, statistics on elevator in structure were collected only for large places; that is, places which had a population of 50,000 or more in 1950 or in an interim census.

Separate data on a number of subjects are presented for occupied units with Negro head of household. In 1960, this type of tabulation related to the total of all household heads other than white; Negro household heads constituted 95 percent of this total in 1960 for the Nation as a whole, but this proportion varied widely among areas.

Separate data are also shown in this report for housing units occupied by heads of Spanish heritage, that is, household heads of Spanish language or Spanish surname in five Southwestern States (Arizona, California, Colorado, New Mexico, and Texas), heads of Puerto Rican birth or parentage in New York, New Jersey, and Pennsylvania, and heads of Spanish language in all other States. In 1960, household heads of Spanish surname were identified in the five Southwestern States and Puerto Rican heads of households were identified in all other States. More information on the 1970 definition is given in this report and in the 1970 Population Census Series PC(1)-C reports; the 1960 definition is more fully explained in the 1960 Census of Housing Volume I reports.

LIVING QUARTERS

Living quarters are classified in the census as either housing units or group quarters. Usually, living quarters are in structures intended for residential use (e.g., a one-family home, apartment house, hotel or motel, boarding house,

mobile home or trailer, 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.

Housing units.—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 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 unrelated persons who share living arrangements (except as described in the section on group quarters). For vacant units, the criteria of separateness, direct access, and complete kitchen facilities for exclusive use are applied to the intended occupants, whenever possible. If the information cannot be obtained, the criteria are applied to the previous occupants. Both occupied and vacant housing units are included in the housing inventory, except that mobile homes, trailers, tents, caves, boats, railroad cars, and the like, are included only if they are occupied.

Group quarters.—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, mona-

steries, 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.

Rules for mobile homes, hotels, rooming houses, etc.—Mobile homes or trailers, tents, boats, or railroad cars are not enumerated if vacant, used only for business, or used only for vacations.

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

If any of the occupants in a rooming or boarding house live and eat separately from everyone else in the building and have either direct access or complete kitchen facilities for exclusive use, their quarters are classified as separate housing units. The remaining quarters are combined. If the combined quarters contain four or fewer roomers unrelated to the head, they are classified as one housing unit; if the combined quarters contain five or more roomers unrelated to the head or person in charge, they are classified as group quarters. In a dormitory, residence hall, or similar place, living quarters of the supervisory staff and other employees are separate housing units if they satisfy the housing unit

criteria; other living quarters are considered group quarters.

Institutions.—Living quarters of staff personnel are separate housing units if they satisfy the housing unit criteria. Other living quarters are considered group quarters.

OCCUPANCY AND VACANCY CHARACTERISTICS

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.

A household consists of all the persons who occupy a housing unit. By definition, therefore, the count of occupied housing units is the same as the count of households in the 1970 Census of Population reports. In some cases, however, there may be small differences in the counts resulting from processing procedures.

Race.—The classification by race shown here refers to the race of the head of the household occupying the housing unit. Detailed characteristics of units with Negro head of household are presented in separate tables for SMSA's, cities or places having a Negro population of 25,000 or more. The concept of race as used by the Census Bureau does not denote clear-cut scientific definitions of biological stock. The data represent essentially self-classification by people according to the race with which they identify themselves.

Spanish heritage.—The inquiries in the 1970 census permit the identification of housing units occupied by heads of Spanish heritage by various means: birthplace, birthplace of parents, language, and surname. The specific types of identification are given below. A more detailed explanation is given in the 1970 Population Census PC(1)-C reports.

Puerto Rican birth or parentage.—Household heads of Puerto Rican birth or parentage are identified in the three Middle Atlantic States: New York, New Jersey, and Pennsylvania.

Spanish language or Spanish surname.—In five Southwestern States—Arizona, California, Colorado, New Mexico, and Texas—household heads of Spanish language or Spanish surname are identified. (A household head is classified as of Spanish language if the head or his wife reported Spanish as his or her mother tongue, i.e., the language spoken at home when the person was a child.)

Spanish language.—In all other States and the District of Columbia, household heads of Spanish language (as defined above) are identified.

Detailed characteristics of units with heads of Spanish heritage are presented in separate tables for SMSA's, cities or places having a population of 25,000 or more for the particular Spanish-heritage group.

Tenure.—(See facsimiles of questionnaire item H9 and instructions on pages App-10 and App-13.) 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 occupied" 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.

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, the year of his latest move was to be reported; if he moved from one apartment to another in the same building, the year he moved into his present unit was to be reported. The intent is to establish the year the present occupancy by the head began. The year the head moves is not necessarily the same year other members of the household move, although in the great majority of cases the entire household moves at the same time.

Vacant housing units.—A housing unit is vacant if no one is living in it at the time of enumeration, unless its occupants are only temporarily absent. 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 classified as vacant housing units if construction has reached a point where all exterior windows and doors are installed and final usable floors are in place. Vacant units are excluded if unfit for human habitation; that is, if 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. Also

excluded are quarters being used entirely for nonresidential purposes, such as a store or an office, or quarters used for the storage of business supplies or inventory, machinery, or agricultural products.

Vacancy status.—(See facsimile of questionnaire item C on page App-10.) Vacant housing units are classified as either "seasonal and migratory" or "year-round." "Seasonal" units are intended for occupancy during only certain seasons of the year. Included are units intended for recreational use, such as beach cottages and hunting cabins, and vacant units held for herders and loggers. "Migratory" units are vacant units held for occupancy by migratory labor employed in farm work during the crop season. "Year-round" vacant housing units are available or intended for occupancy at any time of the year. A unit in a resort area which is usually occupied on a year-round basis is considered year-round. A unit used only occasionally throughout the year is also considered year-round.

This report presents statistics for "year-round" vacant units on the market for sale or for rent. Excluded are "seasonal and migratory" vacant units, as well as "year-round" vacant 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 held off the market for other reasons.

Vacant for sale.—Vacant year-round units "for sale" also include vacant units in a cooperative or condominium building if the individual units are offered for sale only.

Vacant for rent.—Vacant year-round units "for rent" also include vacant units offered either for rent or for sale.

Duration of vacancy.—(See facsimile of questionnaire item D on page App-10.) The statistics on duration of vacancy refer to the length of time (in months) from the date the last occupants moved from the unit to the date of enumeration. The data, therefore, do not provide a direct measure of the total length of time units remain vacant. For newly constructed units which have never been occupied, the duration of vacancy is counted from the date construction was completed. For recently converted or merged units, the time is reported from the date conversion or merger was completed.

UTILIZATION CHARACTERISTICS

Persons.—All persons occupying the housing unit are counted. These persons 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 servants who live in, companions, partners, etc.

Rooms.—(See facsimiles of questionnaire item H4 and instructions on pages App-10 and App-13.) The statistics on "rooms" are in terms of the number of housing units with specified number of rooms. The intent of this question was to count the number of whole rooms used for living purposes. As stated on the questionnaire and instruction sheet, bathrooms, foyers,

utility rooms, unfinished attics or basements, etc., are not included in the count of rooms.

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

Bedrooms.—(See facsimile of questionnaire item H26 on page App-12.) The number of bedrooms in the unit is the count of rooms used mainly for sleeping, even if also used for other purposes. Rooms reserved for sleeping such as guest rooms, even though used infrequently, are counted as bedrooms. On the other hand, rooms used mainly for other purposes, even though used also for sleeping, such as a living room with a hideaway bed, are not considered bedrooms. A housing unit consisting of only one room, such as one-room efficiency apartment, is classified, by definition, as having no bedroom.

STRUCTURAL AND PLUMBING CHARACTERISTICS

Direct access.—(See facsimiles of questionnaire item H2 and instructions on pages App-10 and App-13.) A housing unit is regarded as having direct access if there is (1) a direct entrance from the outdoors, or (2) an entrance from a hall, lobby, or vestibule which is usually used by the occupants of more than one unit or by the general public.

Complete kitchen facilities.—(See facsimiles of questionnaire item H3 and instructions on pages App-10 and App-13.) A unit has complete kitchen facilities when it has all three of the

following: (1) an installed sink with piped water, (2) a range or cookstove, and (3) a mechanical refrigerator.

All kitchen facilities must be located in the structure. They need not be in the same room. Quarters with only portable cooking equipment are not considered as having a range or cookstove. An icebox is not included as a mechanical refrigerator.

The kitchen facilities are for the exclusive use of the occupants (shown on the questionnaire as "for this household only") when they are used only by the occupants of one housing unit, including lodgers or other unrelated persons living in the unit. When a structure consists of only one housing unit, all equipment located inside the structure is classified, by definition, for exclusive use.

Year structure built.—(See facsimile of questionnaire item H15 on page App-11.) Year structure built refers to when the building was first constructed, not when it was remodeled, added to, or converted. The figures relate to the number of units in structures built during the specified periods and in existence at the time of enumeration.

Units in structure.—(See facsimiles of questionnaire item H16 and instructions on pages App-11 and App-13.) 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 type and 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. Structures containing

only one housing unit are further classified as detached or attached (as explained on the questionnaire and instruction sheet).

Mobile homes and trailers are shown as a separate category. When one or more rooms have been added to a mobile home or trailer it is classified as a one-family house. If, however, only a porch or shed has been added, it is still counted as a mobile home or trailer.

The data on units in structure shown in this report may differ from the comparable figures in the HC(1)-A report. The answers to item H16 on the sample questionnaire made it possible in the HC(2) tabulations to correctly classify as mobile homes or trailers those which were incorrectly classified as one-family houses or as housing units in multiunit structures in the HC(1)-A tabulations.

Elevator in structure.—(See facsimiles of questionnaire item H24 and instructions on pages App-12 and App-13.) Statistics on elevator in structure are presented in terms of the number of housing units in structures with four stories or more which have a passenger elevator. Units are in a "walk-up" structure of four stories or more if the structure has no passenger elevator or if the only elevator service is for freight.

Plumbing facilities.—(See facsimiles of questionnaire items H5, H6, and H7 and instructions on pages App-10 and App-13.) The category "with all plumbing facilities" consists of units which have hot and cold piped water inside the structure 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 facilities" 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.

Complete bathrooms.—(See facsimile of questionnaire item H21 on page App-11.) A housing unit is classified as having a complete bathroom if it has a room with a flush toilet and bathtub or shower for the exclusive use of the occupants of the unit and a wash basin, as well as piped hot water in the structure. (Although the instructions on the questionnaire do not specify that a complete bathroom must have hot water, this requirement was applied during the processing of the data in an edit combining the items on complete bathrooms and piped water in structure.) A half bathroom has either a flush toilet or a bathtub or shower for exclusive use, but does not have all the facilities for a complete bathroom.

The category "none or also used by another household" consists of units with no bathroom facilities, units with only a half bathroom, and units with bathroom facilities which are also for the use of the occupants of other housing units.

EQUIPMENT, FUELS, AND APPLIANCES

Heating equipment.—(See facsimiles of questionnaire item H14 and instructions on pages App-11 and App-13.) "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 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.

For vacant units from which the heating equipment had been removed, the equipment used by the last occupants was to be reported.

Air conditioning.—(See facsimiles of questionnaire item H22 and instructions on pages App-11 and App-13.) Air conditioning is defined as the cooling of air by a refrigeration unit; excluded are evaporative coolers, fans, or blowers which are not connected to a refrigeration unit. A central system is a central installation which air-conditions the entire housing unit. In an apartment building, a central system may cool all apartments in the building, each apartment may have its own central system, or there may be several systems, each providing central air conditioning for a group of apartments. A central installation with individual room controls is a central air-conditioning system. A room unit is an individual air conditioner, which is installed in a window or an outside wall and is generally intended to cool one room, although it may sometimes be used to cool more than one room.

Automobiles available.—(See facsimiles of questionnaire item H23 and instructions on pages App-11 and App-13.) 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. The figures include leased automobiles and company-owned automobiles kept at home. The statistics, therefore, do not reflect the number of automobiles privately owned or the number of households owning automobiles.

Appliances.—(See facsimiles of questionnaire items H27 and instructions on pages App-12 and App-13.)

Automatic clothes washing machine.—This category describes a machine that washes, rinses, and damp dries in the same tub; washer-dryer combinations are included in this group.

Clothes dryer.—A clothes dryer is a mechanical appliance in which clothes are dried by heated air. A unit with a washer-dryer combination is classified as having a clothes dryer (as well as an automatic clothes washing machine.)

Dishwasher.—This category includes both built-in and portable dishwashers.

Home food freezer.—A home food freezer is an appliance, separate from the refrigerator, designed for freezing food and for storing frozen food.

Owned second home.—(See facsimiles of questionnaire item H30 and instructions on pages App-12 and App-13.) A second home may be a single-family house, vacation cottage, hunting cabin, ski lodge, etc., which is owned and held for use sometime during the year by the owner or members of his household. Second homes may also be owned in partnership with members of a different household. The figures include second homes which are some-

times rented or leased on a short-term basis to other persons but are principally held for the owner's occasional use during the year.

The statistics refer to the number of households that own (one or more) second homes. The data, therefore, do not reflect the number of owned second homes.

FINANCIAL CHARACTERISTICS

Value.—(See facsimiles of questionnaire item H11 and instructions on pages App-10 and App-13.) Value is the respondent's estimate of how much the property (house and lot) would sell for if it were for sale. The statistics on value are shown only for one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The value tabulations also exclude mobile homes and trailers and units in cooperatives and condominiums.

As stated in the section on "units in structure," certain mobile homes and trailers were incorrectly classified as one-family houses in the HC(1)-A tabulations. In the HC(2) reports, the number of specified owner-occupied (one-family) units and the value tabulations correctly exclude the misclassified mobile homes and trailers; these tend to be at the lower end of the value distribution. As a result, the data on value shown in this report may differ from the comparable statistics in the HC(1)-A report.

Sales price asked.—For vacant units, the sales price is the amount asked for the property at the time of enumeration. The statistics on sales price are shown only for vacant for sale one-family houses on less than 10 acres without a commercial establishment or medical office on the property.

Gross rent.—(See facsimiles of questionnaire items H12 and H13 and instructions on pages App-10, 11, and 13.) The computed rent termed "gross rent" is the contract rent plus the estimated average monthly cost of utilities (electricity, gas, water) and fuels (oil, coal, kerosene, wood, etc.), if these items are paid for by the renter (or paid for him by someone else, such as a relative, welfare agency, or friend) in addition to rent. Contract rent is the monthly rent agreed to, or contracted for, regardless of any furnishings, utilities, or services that may be included. Thus, gross rent is intended to eliminate differentials which result from varying practices with respect to the inclusion of utilities and fuel as part of the rental payment. The estimated costs of water and fuels are reported on a yearly basis but they are converted to monthly figures in the computation process.

The statistics on rent 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.

Rent asked.—For vacant units, the rent is the amount asked for the unit at the time of enumeration. The data are for vacant year-round units for rent, excluding one-family houses on ten acres or more. In table 10, data are provided for two kinds of vacant-for-rent units—those for which the rent includes payment for all utilities and fuel, and those for which the rent includes only some or none of the utilities and fuel. See section on "Gross rent" above for discussion of utilities and fuel.

Value-income ratio.—The value-income ratio is computed by dividing the value

of the housing unit by the total income in 1969 of the family or primary individual. The ratio is presented for the same owner-occupied units for which value was tabulated; thus, the statistics on value-income ratio reflect the exclusion of certain owner-occupied units. The ratio was computed separately for each unit and was rounded to the nearest tenth. In reporting value, respondents were asked to select an appropriate class interval. The midpoints of the value intervals were used in the computation of the value-income ratio, except that a mean of \$3,500 was assigned for values less than \$5,000 and a mean of \$60,000 was assigned for values of \$50,000 or more. For income, the dollar amounts were used. Units occupied by families or primary individuals who reported no income or a net loss comprise the category "not computed."

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 is presented for the same renter-occupied units for which gross rent was tabulated; thus, the statistics on gross rent as percentage of income reflect the exclusion of certain renter-occupied units. The percentage was computed separately for each unit and was rounded to the nearest whole number. For gross rent, the dollar amounts were used in the computation except that \$999 was assigned for monthly rentals of \$1,000 or more. For income, the dollar amounts were used. Units for which no cash rent is paid and units occupied by families or primary individuals who reported no income or a net loss comprise the category "not computed."

HOUSEHOLD CHARACTERISTICS

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 is reported as the head, her husband was considered the head for the purpose of simplifying the tabulations.

Household composition.—Statistics by age of head are presented separately for two-or-more person households and for one-person households. Households having two or more persons are further subdivided as follows:

Male head, wife present, no non-relatives.—Each household in this group consists of the head and his wife, and other persons, if any, all of whom are related to him.

Other male head.—This category includes households with male head, wife present, with non-relatives living with them; male heads who are married, but with wife absent because of separation or other reason where husband and wife maintain separate residences; and male heads who are widowed, divorced, or single.

Female head.—This group comprises households with female heads regardless of their marital status. Included are female heads with no spouse and female heads whose husbands are living away from their families, as for example, husbands in the Armed Forces living on military installations.

Households consisting of only one person are shown separately as "one-person households" and are not included in the subcategories "other male head" and "female head."

Nonrelative.—A nonrelative of the head is any person in the household who is 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.

Family or primary individual.—Housing units are occupied by either "families" or "primary individuals." The term "family" refers to the head of a household and all (one or more) other persons living in the same household who are related to the head by blood, marriage, or adoption. If the head lives alone or with nonrelatives only, then the head is considered a "primary individual."

Married couples related to the head of a family are included in the family and are not considered as separate families. A lodger, servant, or other person unrelated to the head is considered a member of the household but not of the family.

In the statistics on household composition, families are always included in one of the three major groups of two-or-more person households. Primary individuals with nonrelatives living with them are tabulated as "other male head" or "female head." Primary individuals living alone are always tabulated as "one-person households."

Income in 1969.—Income is the sum of the amounts reported for wage and salary income, 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 received before deductions for personal income taxes, Social Security, bond purchases, union dues, health insurance premiums, Medicare deductions, etc.

In this report, the statistics relate to the income of the family or primary individual occupying the housing unit; that is, the sum of the income of the head of the family and all other members of the family 14 years old and over or the income of the primary individual. Incomes of persons living in the unit but not related to the head of the household are not included in this sum. Although the income statistics cover the calendar year 1969, the characteristics of the household refer to the time of enumeration (April 1970). Thus, the income of the family does not include amounts received by persons who were members of the family during all or part of the calendar year 1969 if these persons no longer resided with the family at the time of the census. On the other hand, family income includes amounts reported by related persons who did not reside with the family during 1969 but who were members of the family at the time of enumeration. For most families, however, the income reported was received by persons who were members of the family throughout 1969.

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. Net self-employment income is defined as net money income (gross receipts minus operating expenses) received from a business, farm, professional enterprise, or partnership in which the person was engaged on his own account.

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. Cash receipt of retire-

ment, 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 not included.

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. (A more detailed discussion of income is given in the 1970 Population Census, PC(1)-C reports.)

APPENDIX B—Continued

FACSIMILES OF THE HOUSING PAGES IN THE 1970 CENSUS QUESTIONNAIRES
(Questions on this page appeared on both the 15-percent and 5-percent questionnaires)

<p>A. How many living quarters, occupied and vacant, are at this address?</p> <p><input type="radio"/> One</p> <p><input type="radio"/> 2 apartments or living quarters</p> <p><input type="radio"/> 3 apartments or living quarters</p> <p><input type="radio"/> 4 apartments or living quarters</p> <p><input type="radio"/> 5 apartments or living quarters</p> <p><input type="radio"/> 6 apartments or living quarters</p> <p><input type="radio"/> 7 apartments or living quarters</p> <p><input type="radio"/> 8 apartments or living quarters</p> <p><input type="radio"/> 9 apartments or living quarters</p> <p><input type="radio"/> 10 or more apartments or living quarters</p> <p><input type="radio"/> This is a mobile home or trailer</p>	<p>H9. Are your living quarters—</p> <p><input type="radio"/> Owned or being bought by you or by someone else in this household? <i>Do not include cooperatives and condominiums here.</i></p> <p><input type="radio"/> A cooperative or condominium which is owned or being bought by you or by someone else in this household?</p> <p><input type="radio"/> Rented for cash rent?</p> <p><input type="radio"/> Occupied without payment of cash rent?</p>	<p style="text-align: center;">FOR CENSUS ENUMERATOR'S USE ONLY</p> <table border="1"> <thead> <tr> <th>a4. Block number</th> <th>a5. Serial number</th> </tr> </thead> <tbody> <tr><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td></tr> </tbody> </table>	a4. Block number	a5. Serial number	0	0	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8	8	9	9
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<p><i>Answer these questions for your living quarters</i></p> <p>H1. Is there a telephone on which people in your living quarters can be called?</p> <p><input type="radio"/> Yes — What is the number? _____</p> <p><input type="radio"/> No</p> <p style="text-align: right;"><i>Phone number</i></p>	<p>H10a. Is this building a one-family house?</p> <p><input type="radio"/> Yes, a one-family house</p> <p><input type="radio"/> No, a building for 2 or more families or a mobile home or trailer</p> <p>b. If "Yes"—Is this house on a place of 10 acres or more, or is any part of this property used as a commercial establishment or medical office?</p> <p><input type="radio"/> Yes, 10 acres or more</p> <p><input type="radio"/> Yes, commercial establishment or medical office</p> <p><input type="radio"/> No, none of the above</p>																							
<p>H2. Do you enter your living quarters—</p> <p><input type="radio"/> Directly from the outside or through a common or public hall?</p> <p><input type="radio"/> Through someone else's living quarters?</p>	<p>H11. If you live in a one-family house which you own or are buying—</p> <p>What is the value of this property; that is, how much do you think this property (house and lot) would sell for if it were for sale?</p> <p><input type="radio"/> Less than \$5,000</p> <p><input type="radio"/> \$5,000 to \$7,499</p> <p><input type="radio"/> \$7,500 to \$9,999</p> <p><input type="radio"/> \$10,000 to \$12,499</p> <p><input type="radio"/> \$12,500 to \$14,999</p> <p><input type="radio"/> \$15,000 to \$17,499</p> <p><input type="radio"/> \$17,500 to \$19,999</p> <p><input type="radio"/> \$20,000 to \$24,999</p> <p><input type="radio"/> \$25,000 to \$34,999</p> <p><input type="radio"/> \$35,000 to \$49,999</p> <p><input type="radio"/> \$50,000 or more</p> <p style="font-size: small;"><i>If this house is on a place of 10 acres or more, or if any part of this property is used as a commercial establishment or medical office, do not answer this question.</i></p>																							
<p>H3. Do you have complete kitchen facilities?</p> <p><i>Complete kitchen facilities are a sink with piped water, a range or cook stove, and a refrigerator.</i></p> <p><input type="radio"/> Yes, for this household only</p> <p><input type="radio"/> Yes, but also used by another household</p> <p><input type="radio"/> No complete kitchen facilities for this household</p>	<p>B. Type of unit or quarters</p> <p>Occupied</p> <p><input type="radio"/> First form</p> <p><input type="radio"/> Continuation</p> <p>Vacant</p> <p><input type="radio"/> Regular</p> <p><input type="radio"/> Usual residence elsewhere</p> <p>Group quarters</p> <p><input type="radio"/> First form</p> <p><input type="radio"/> Continuation</p> <p><i>For a vacant unit, also fill C, D, A, H2 to H8, and H10 to H12</i></p>																							
<p>H4. How many rooms do you have in your living quarters?</p> <p><i>Do not count bathrooms, porches, balconies, foyers, halls, or half-rooms.</i></p> <p><input type="radio"/> 1 room</p> <p><input type="radio"/> 2 rooms</p> <p><input type="radio"/> 3 rooms</p> <p><input type="radio"/> 4 rooms</p> <p><input type="radio"/> 5 rooms</p> <p><input type="radio"/> 6 rooms</p> <p><input type="radio"/> 7 rooms</p> <p><input type="radio"/> 8 rooms</p> <p><input type="radio"/> 9 rooms or more</p>	<p>H12. Answer this question if you pay rent for your living quarters.</p> <p>a. If rent is paid by the month—</p> <p>What is the monthly rent?</p> <p>Write amount here → \$ _____ .00 (Nearest dollar)</p> <p>and</p> <p>Fill one circle</p> <p><input type="radio"/> Less than \$30</p> <p><input type="radio"/> \$30 to \$39</p> <p><input type="radio"/> \$40 to \$49</p> <p><input type="radio"/> \$50 to \$59</p> <p><input type="radio"/> \$60 to \$69</p> <p><input type="radio"/> \$70 to \$79</p> <p><input type="radio"/> \$80 to \$89</p> <p><input type="radio"/> \$90 to \$99</p> <p><input type="radio"/> \$100 to \$119</p> <p><input type="radio"/> \$120 to \$149</p> <p><input type="radio"/> \$150 to \$199</p> <p><input type="radio"/> \$200 to \$249</p> <p><input type="radio"/> \$250 to \$299</p> <p><input type="radio"/> \$300 or more</p>																							
<p>H5. Is there hot and cold piped water in this building?</p> <p><input type="radio"/> Yes, hot and cold piped water in this building</p> <p><input type="radio"/> No, only cold piped water in this building</p> <p><input type="radio"/> No piped water in this building</p>	<p>C. Vacancy status</p> <p>Year round—</p> <p><input type="radio"/> For rent</p> <p><input type="radio"/> For sale only</p> <p><input type="radio"/> Rented or sold, not occupied</p> <p><input type="radio"/> Held for occasional use</p> <p><input type="radio"/> Other vacant</p> <p><input type="radio"/> Seasonal</p> <p><input type="radio"/> Migratory</p>																							
<p>H6. Do you have a flush toilet?</p> <p><input type="radio"/> Yes, for this household only</p> <p><input type="radio"/> Yes, but also used by another household</p> <p><input type="radio"/> No flush toilet</p>	<p>b. If rent is not paid by the month—</p> <p>What is the rent, and what period of time does it cover?</p> <p>\$ _____ .00 per _____</p> <p>(Nearest dollar) (Week, half-month, year, etc.)</p>																							
<p>H7. Do you have a bathtub or shower?</p> <p><input type="radio"/> Yes, for this household only</p> <p><input type="radio"/> Yes, but also used by another household</p> <p><input type="radio"/> No bathtub or shower</p>	<p>D. Months vacant</p> <p><input type="radio"/> Less than 1 month</p> <p><input type="radio"/> 1 up to 2 months</p> <p><input type="radio"/> 2 up to 6 months</p> <p><input type="radio"/> 6 up to 12 months</p> <p><input type="radio"/> 1 year up to 2 years</p> <p><input type="radio"/> 2 years or more</p>																							
<p>H8. Is there a basement in this building?</p> <p><input type="radio"/> Yes</p> <p><input type="radio"/> No, built on a concrete slab</p> <p><input type="radio"/> No, built in another way (include mobile homes and trailers)</p>	<p>C/O <input type="radio"/> <input type="radio"/></p>																							

APPENDIX B—Continued

FACSIMILES OF THE HOUSING PAGES IN THE 1970 CENSUS QUESTIONNAIRES
(Percent indicates sample size)

<p>H13. Answer question H13 if you pay rent for your living quarters. In addition to the rent entered in H12, do you also pay for—</p> <p>a. Electricity?</p> <p><input type="radio"/> Yes, average monthly cost is \$ _____ .00 Average monthly cost</p> <p><input type="radio"/> No, included in rent</p> <p><input type="radio"/> No, electricity not used</p> <p>b. Gas?</p> <p><input type="radio"/> Yes, average monthly cost is \$ _____ .00 Average monthly cost</p> <p><input type="radio"/> No, included in rent</p> <p><input type="radio"/> No, gas not used</p> <p>c. Water?</p> <p><input type="radio"/> Yes, yearly cost is \$ _____ .00 Yearly cost</p> <p><input type="radio"/> No, included in rent or no charge</p> <p>d. Oil, coal, kerosene, wood, etc.?</p> <p><input type="radio"/> Yes, yearly cost is \$ _____ .00 Yearly cost</p> <p><input type="radio"/> No, included in rent</p> <p><input type="radio"/> No, these fuels not used</p>	<p>H19. Do you get water from—</p> <p><input type="radio"/> A public system (city water department, etc.) or private company?</p> <p><input type="radio"/> An individual well?</p> <p><input type="radio"/> Some other source (a spring, creek, river, cistern, etc.)?</p>
<p>H14. How are your living quarters heated? Fill <u>one</u> circle for the kind of heat you use most.</p> <p><input type="radio"/> Steam or hot water system</p> <p><input type="radio"/> Central warm air furnace with ducts to the individual rooms, or central heat pump</p> <p><input type="radio"/> Built-in electric units (permanently installed in wall, ceiling, or baseboard)</p> <p><input type="radio"/> Floor, wall, or pipeless furnace</p> <p><input type="radio"/> Room heaters with flue or vent, burning gas, oil, or kerosene</p> <p><input type="radio"/> Room heaters without flue or vent, burning gas, oil, or kerosene (not portable)</p> <p><input type="radio"/> Fireplaces, stoves, or portable room heaters of any kind</p> <p>In some other way—Describe _____</p> <p><input type="radio"/> None, unit has no heating equipment</p>	<p>H20. Is this building connected to a public sewer?</p> <p><input type="radio"/> Yes, connected to public sewer</p> <p><input type="radio"/> No, connected to septic tank or cesspool</p> <p><input type="radio"/> No, use other means</p>
<p>H15. About when was this building originally built? Mark when the building was first constructed, not when it was remodeled, added to, or converted.</p> <p><input type="radio"/> 1969 or 1970 <input type="radio"/> 1950 to 1959</p> <p><input type="radio"/> 1965 to 1968 <input type="radio"/> 1940 to 1949</p> <p><input type="radio"/> 1960 to 1964 <input type="radio"/> 1939 or earlier</p>	<p>H21. How many bathrooms do you have? A complete bathroom is a room with flush toilet, bathtub or shower, and wash basin with piped water. A half bathroom has at least a flush toilet or bathtub or shower, but does not have all the facilities for a complete bathroom.</p> <p><input type="radio"/> No bathroom, or only a half bathroom</p> <p><input type="radio"/> 1 complete bathroom</p> <p><input type="radio"/> 1 complete bathroom, plus half bath(s)</p> <p><input type="radio"/> 2 complete bathrooms</p> <p><input type="radio"/> 2 complete bathrooms, plus half bath(s)</p> <p><input type="radio"/> 3 or more complete bathrooms</p>
<p>H16. Which best describes this building? Include all apartments, flats, etc., even if vacant.</p> <p><input type="radio"/> A one-family house detached from any other house</p> <p><input type="radio"/> A one-family house attached to one or more houses</p> <p><input type="radio"/> A building for 2 families</p> <p><input type="radio"/> A building for 3 or 4 families</p> <p><input type="radio"/> A building for 5 to 9 families</p> <p><input type="radio"/> A building for 10 to 19 families</p> <p><input type="radio"/> A building for 20 to 49 families</p> <p><input type="radio"/> A building for 50 or more families</p> <p><input type="radio"/> A mobile home or trailer</p> <p>Other— Describe _____</p>	<p>H22. Do you have air-conditioning?</p> <p><input type="radio"/> Yes, 1 individual room unit</p> <p><input type="radio"/> Yes, 2 or more individual room units</p> <p><input type="radio"/> Yes, a central air-conditioning system</p> <p><input type="radio"/> No</p>
<p>H17. Is this building—</p> <p><input type="radio"/> On a city or suburban lot?— Skip to H19</p> <p><input type="radio"/> On a place of less than 10 acres?</p> <p><input type="radio"/> On a place of 10 acres or more?</p>	<p>H23. How many passenger automobiles are owned or regularly used by members of your household? Count company cars kept at home.</p> <p><input type="radio"/> None</p> <p><input type="radio"/> 1 automobile</p> <p><input type="radio"/> 2 automobiles</p> <p><input type="radio"/> 3 automobiles or more</p>
<p>H18. Last year, 1969, did sales of crops, livestock, and other farm products from this place amount to—</p> <p><input type="radio"/> Less than \$50 (or None)</p> <p><input type="radio"/> \$50 to \$249</p> <p><input type="radio"/> \$250 to \$2,499</p> <p><input type="radio"/> \$2,500 to \$4,999</p> <p><input type="radio"/> \$5,000 to \$9,999</p> <p><input type="radio"/> \$10,000 or more</p>	

15 and 5 percent

15 percent

APPENDIX B—Continued

FACSIMILES OF THE HOUSING PAGES IN THE 1970 CENSUS QUESTIONNAIRES
(Percent indicates sample size)

15 and 5 percent

5 percent

<p>H13. Answer question H13 if you pay rent for your living quarters. In addition to the rent entered in H12, do you also pay for—</p> <p>a. Electricity?</p> <p><input type="radio"/> Yes, average monthly cost is → \$ _____ .00 Average monthly cost</p> <p><input type="radio"/> No, included in rent</p> <p><input type="radio"/> No, electricity not used</p> <hr/> <p>b. Gas?</p> <p><input type="radio"/> Yes, average monthly cost is → \$ _____ .00 Average monthly cost</p> <p><input type="radio"/> No, included in rent</p> <p><input type="radio"/> No, gas not used</p> <hr/> <p>c. Water?</p> <p><input type="radio"/> Yes, yearly cost is → \$ _____ .00 Yearly cost</p> <p><input type="radio"/> No, included in rent or no charge</p> <hr/> <p>d. Oil, coal, kerosene, wood, etc.?</p> <p><input type="radio"/> Yes, yearly cost is → \$ _____ .00 Yearly cost</p> <p><input type="radio"/> No, included in rent</p> <p><input type="radio"/> No, these fuels not used</p>	<p>H24a. How many stories (floors) are in this building?</p> <p><input type="radio"/> 1 to 3 stories</p> <p><input type="radio"/> 4 to 6 stories</p> <p><input type="radio"/> 7 to 12 stories</p> <p><input checked="" type="radio"/> 13 stories or more</p> <p>b. If 4 or more stories— Is there a passenger elevator in this building?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p> <hr/> <p>H25a. Which fuel is used most for cooking?</p> <p>Gas <input checked="" type="radio"/> From underground pipes serving the neighborhood.</p> <p><input type="radio"/> Bottled, tank, or LP</p> <p>Electricity <input type="radio"/></p> <p>Fuel oil, kerosene, etc. <input type="radio"/></p> <p>Coal or coke <input type="radio"/></p> <p>Wood <input type="radio"/></p> <p>Other fuel <input type="radio"/></p> <p>No fuel used <input type="radio"/></p> <hr/> <p>b. Which fuel is used most for house heating?</p> <p>Gas <input checked="" type="radio"/> From underground pipes serving the neighborhood.</p> <p><input type="radio"/> Bottled, tank, or LP</p> <p>Electricity <input type="radio"/></p> <p>Fuel oil, kerosene, etc. <input type="radio"/></p> <p>Coal or coke <input type="radio"/></p> <p>Wood <input type="radio"/></p> <p>Other fuel <input type="radio"/></p> <p>No fuel used <input type="radio"/></p> <hr/> <p>c. Which fuel is used most for water heating?</p> <p>Gas <input checked="" type="radio"/> From underground pipes serving the neighborhood.</p> <p><input type="radio"/> Bottled, tank, or LP</p> <p>Electricity <input type="radio"/></p> <p>Fuel oil, kerosene, etc. <input type="radio"/></p> <p>Coal or coke <input type="radio"/></p> <p>Wood <input type="radio"/></p> <p>Other fuel <input type="radio"/></p> <p>No fuel used <input type="radio"/></p>
<p>H14. How are your living quarters heated? Fill one circle for the kind of heat you use most.</p> <p><input type="radio"/> Steam or hot water system</p> <p><input type="radio"/> Central warm air furnace with ducts to the individual rooms, or central heat pump</p> <p><input type="radio"/> Built-in electric units (permanently installed in wall, ceiling, or baseboard)</p> <p><input type="radio"/> Floor, wall, or pipeless furnace</p> <p><input type="radio"/> Room heaters with flue or vent, burning gas, oil, or kerosene</p> <p><input type="radio"/> Room heaters without flue or vent, burning gas, oil, or kerosene (not portable)</p> <p><input type="radio"/> Fireplaces, stoves, or portable room heaters of any kind</p> <p>In some other way—Describe → _____</p> <p><input type="radio"/> None, unit has no heating equipment</p>	<p>H26. How many bedrooms do you have? Count rooms used mainly for sleeping even if used also for other purposes.</p> <p><input type="radio"/> No bedroom</p> <p><input type="radio"/> 1 bedroom</p> <p><input checked="" type="radio"/> 2 bedrooms</p> <p><input type="radio"/> 3 bedrooms</p> <p><input type="radio"/> 4 bedrooms</p> <p><input type="radio"/> 5 bedrooms or more</p>
<p>H15. About when was this building originally built? Mark when the building was first constructed, not when it was remodeled, added to, or converted.</p> <p><input type="radio"/> 1969 or 1970</p> <p><input type="radio"/> 1965 to 1968</p> <p><input checked="" type="radio"/> 1960 to 1964</p> <p><input type="radio"/> 1950 to 1959</p> <p><input type="radio"/> 1940 to 1949</p> <p><input type="radio"/> 1939 or earlier</p>	<p>H27a. Do you have a clothes washing machine?</p> <p><input type="radio"/> Yes, automatic or semi-automatic</p> <p><input type="radio"/> Yes, wringer or separate spinner</p> <p><input type="radio"/> No</p> <p>b. Do you have a clothes dryer?</p> <p><input type="radio"/> Yes, electrically heated</p> <p><input type="radio"/> Yes, gas heated</p> <p><input checked="" type="radio"/> No</p> <p>c. Do you have a dishwasher (built-in or portable)?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p> <p>d. Do you have a home food freezer which is separate from your refrigerator?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p>
<p>H16. Which best describes this building? Include all apartments, flats, etc., even if vacant.</p> <p><input type="radio"/> A one family house detached from any other house</p> <p><input type="radio"/> A one family house attached to one or more houses</p> <p><input type="radio"/> A building for 2 families</p> <p><input type="radio"/> A building for 3 or 4 families</p> <p><input type="radio"/> A building for 5 to 9 families</p> <p><input checked="" type="radio"/> A building for 10 to 19 families</p> <p><input type="radio"/> A building for 20 to 49 families</p> <p><input type="radio"/> A building for 50 or more families</p> <p><input type="radio"/> A mobile home or trailer</p> <p>Other— Describe → _____</p>	<p>H28a. Do you have a television set? Count only sets in working order.</p> <p><input type="radio"/> Yes, one set</p> <p><input type="radio"/> Yes, two or more sets</p> <p><input type="radio"/> No</p> <p>b. If "Yes"—Is any set equipped to receive UHF broadcasts, that is, channels 14 to 83?</p> <p><input type="radio"/> Yes <input checked="" type="radio"/> No</p>
<p>H17. Is this building—</p> <p><input type="radio"/> On a city or suburban lot?—Skip to H24</p> <p><input type="radio"/> On a place of less than 10 acres?</p> <p><input type="radio"/> On a place of 10 acres or more?</p>	<p>H29. Do you have a battery-operated radio? Count car radios, transistors, and other battery-operated sets in working order or needing only a new battery for operation.</p> <p><input type="radio"/> Yes, one or more <input type="radio"/> No</p>
<p>H18. Last year, 1969, did sales of crops, livestock, and other farm products from this place amount to—</p> <p><input type="radio"/> Less than \$50 (or None)</p> <p><input type="radio"/> \$50 to \$249</p> <p><input checked="" type="radio"/> \$250 to \$2,499</p> <p><input type="radio"/> \$2,500 to \$4,999</p> <p><input type="radio"/> \$5,000 to \$9,999</p> <p><input type="radio"/> \$10,000 or more</p>	<p>H30. Do you (or any member of your household) own a second home or other living quarters which you occupy sometime during the year?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p>

FACSIMILE OF THE RESPONDENT INSTRUCTIONS FOR THE HOUSING QUESTIONS IN THE 1970 CENSUS

If you live in an apartment building and you do not know the answers to questions H14, H15, H16, and H25, ask the person who runs your building (for example, the manager, rental agent, superintendent, janitor, etc.).

- A.** Mark only one circle. This address means the house or building number where your living quarters are located.
- H1.** Mark **Yes** and enter telephone number, even if the telephone is in another apartment or building.
- H2.** Mark the second circle only if you **must** go through someone else's living quarters to get to your own.
- H3.** The kitchen sink, stove, and refrigerator do not have to be in the same room.
Also used by another household means that someone else who lives in the same building, but is not a member of your household, also uses the equipment. Mark this circle also if the occupants of living quarters now vacant would also use the equipment.
- H4.** Count only whole rooms used for living purposes, such as living rooms, dining rooms, kitchens, bedrooms, finished recreation rooms, family rooms, etc. Do not count kitchenettes, strip or pullman kitchens; utility rooms; or unfinished attics, basements, or other space used for storage.
- H5.** Mark **hot water** even if you have it only part of the time.
- H6, H7.** See instructions for H3 for meaning of **Also used by another household**.
- H8.** A house has a **basement** if there is enclosed space in which persons can walk upright under all or part of the building. A house on a **concrete slab** has no basement and no air or crawl space below it. A house built in **another way** is one directly on the ground or resting on a foundation or posts to provide crawl space.
- H9.** **Owned or being bought** means that the living quarters are owned outright or are mortgaged. Also mark **Owned or being bought** if the living quarters are owned but the land is rented.
Mark Rented for cash rent if any money rent is paid. Rent may be paid by persons who are not members of your household.
Occupied without payment of cash rent includes, for example, a parsonage, a house or apartment provided free of rent by the owner, or a house or apartment occupied by a janitor or caretaker in exchange for services.
- H10.** A **commercial establishment** is easily recognized from the outside; for example, a grocery store or barber shop. A **medical office** is a doctor's or dentist's office regularly visited by patients. If your house is on a place of 10 acres or more and also contains a commercial establishment or medical office, mark **Yes, 10 acres or more**.
- H11.** Include the value of the house, the land it is on, and any other structures on the same property. If the house is owned but the land is rented, estimate the combined value of the house and the land.
- H12.** Report the rent agreed to or contracted for, even if the furnishings, utilities, or services are included.
a. If you pay rent by the month, write in the amount of rent and fill one circle.
b. If rent is not paid by the month, answer both parts of **b**. For example, \$20 per week, \$1,500 per year, etc.
- H13.** If exact costs are not known, estimate as closely as possible. Report amounts even if bills are unpaid or are paid by someone else. If the bills include utilities or fuel used also by another apartment or a business establishment, estimate the amounts for your own living quarters. If gas and electricity are billed together, enter the combined amount on the electricity line and bracket () the two utilities.
- H14.** This question refers to the type of heating equipment and not to the fuel used.
A **heat pump** is sometimes known as a **reverse cycle system**.
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. These furnaces do not have ducts leading to other rooms.
Any heater that you plug into an electric outlet should be counted as a **portable room heater**--not a built-in electric unit.
- H16.** Count all occupied and vacant living quarters in the house or building, but not stores or office space.
Detached means there is open space on all sides, or the house is joined only to a shed or garage. **Attached** means that the house is joined to another house or building by at least one wall which goes from ground to roof.
- H17.** A **city or suburban lot** is usually located in a city, a community, or any built-up area outside a city or community, and is not larger than the house and yard. All living quarters in apartment buildings, including garden-type apartments in the city or suburbs, are considered on a **city or suburban lot**.
A **place** is a farm, ranch, or any other property, other than a city or suburban lot, on which this **residence** is located.
- H18.** Fill the circle for the total (gross) amount of money received from the sales of crops, livestock, and other farm products produced on this place during the calendar year 1969.
- H19.** If a well provides water for six or more houses or apartments, mark a **public system**. If a well provides water for five or fewer houses or apartments, mark an **individual well**.
- H20.** A **public sewer** is operated by a government body or a private organization. A **septic tank or cesspool** is an underground tank or pit used for disposal of sewage.
- H22.** Count only equipment with a refrigeration unit to cool the air. Mark an **individual room unit** for air conditioners which are installed in a window or in an outside wall and are used to cool one or more rooms. Mark a **central system** for a central installation which cools the entire house or apartment.
- H23.** Do not count cars permanently out of working order. Also do not count taxicabs, pickups, or larger trucks.
- H24a.** Do not count a basement as a story.
b. Do not count elevators used only for freight.
- H25.** **Gas from underground pipes** is piped in from a central system such as a public utility company or a municipal government. **Bottled, tank, or LP gas** is stored in tanks which are refilled or exchanged when empty. **Other fuel** includes any fuel not separately listed, for example, purchased steam, fuel briquettes, waste material, etc.
- H27.** Mark the **Yes** circle whether you own the appliance or it is provided as part of the equipment in your living quarters. Do not count coin-operated equipment or appliances in storage.
- H28.** Count any set **equipped** to receive UHF (ultra high frequency) broadcasts, even if there are no such broadcasts in your area. Include sets that can be tuned directly to channels 14 to 83 and sets that receive UHF broadcasts by means of a converter. Also include sets that receive UHF broadcasts through a community antenna (CATV) or master antenna.
- H29.** A battery-operated radio is one that can be run on batteries and does not need to be plugged into an electric socket. Include battery-operated sets owned by any member of the household.
- H30.** Do not count vacation trailers, tents, or boats. Also do not count second homes used only for investment purposes.

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, the manual editing and coding operations, 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. 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 housing as accurately and clearly as possible. To meet this objective, certain unacceptable entries were edited.

Whenever information was missing, an allocation procedure was used to assign an entry, thereby eliminating the need for a "not reported" category in the tabulations. 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." On the other hand, if the unit was reported as rented but the amount of rent was missing, the computer automatically assigned the rent that was reported for the preceding renter-occupied unit.

A similar procedure was used when the information reported for an item was inconsistent with other information reported for the unit. For example, if a housing unit was enumerated as having no piped water but having both a bathtub (or shower) and flush toilet for the exclusive use of the occupants of the unit, the computer edited water supply to "hot and cold water," a category considered to be consistent with the reported bathing and toilet facilities.

Specific tolerances were established for the number of computer allocations that would be permitted. If the number of corrections was beyond tolerance, the questionnaires in which the errors occurred were clerically reviewed. If it was found that the errors resulted from damaged questionnaires, from improper micro-filming, from faulty reading by FOSDIC of undamaged questionnaires, or from other types of machine failure, the questionnaires were reprocessed.

The extent of allocations for non-responses and inconsistencies is given

for SMSA's and places in the allocation tables in the 1970 Population Census PC(1)-B and PC(1)-C reports, and in the Housing Census HC(1)-A and HC(1)-B reports.

SAMPLE DESIGN

For sample data collected in 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 non-mail 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 non-mail areas. As in other areas, every fifth housing unit on 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; as indicated in Appendix B, information on the housing characteristics of group quarters was not collected in the census.

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 A.

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 larger areas the deviation from 20 percent was found to be quite small. Biases may have arisen, however, when the enumerator failed to follow his listing and sampling instructions exactly. Quality control procedures were used throughout the census process, and where there was clear evidence that the sampling proce-

dures were not properly followed, some enumerators' assignments were returned to the field for resampling. Estimates for the United States as a whole indicate that 19.6 percent of the total population and 19.7 percent of the total housing units were enumerated on sample questionnaires. The computation of these proportions excluded several classes of the population and housing units for which no attempt at sampling was made. These were 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. However, 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 which were applied separately for the 5-, 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." For the 15- and 20-percent samples the weighting areas contained a minimum population size of 2,500. The weighting areas used for the 5-percent ratio estimate were larger areas having a minimum population size of 25,000 and comprising combinations of the weighting areas used for the 15- and 20-percent samples. Weighting areas were established by a mechanical operation on the computer and were defined to conform, as nearly as possible, to areas for which tabulations are produced. Where these areas do

TABLE A. Sample Rate for Subjects Included in This Report

Subject	Sample rate (percent)	Subject	Sample rate (percent)
OCCUPANCY CHARACTERISTICS		EQUIPMENT AND APPLIANCES	
Occupied housing units	20	Heating equipment	20
Tenure	20	Air conditioning	15
Race	20	Automobiles available	15
Spanish heritage	15	Second home	5
Year moved into unit	15	Clothes washing machine	5
		Clothes dryer	5
		Dishwasher	5
		Home food freezer	5
VACANCY CHARACTERISTICS		FINANCIAL CHARACTERISTICS	
Vacant for sale	20	Value	20
Vacant for rent	20	Sales price asked	20
Duration of vacancy	20	Gross rent	20
		Rent asked	20
		Inclusion of utilities	
		in rent	20
		Value-income ratio	20
		Gross rent as percentage	
		of income	20
UTILIZATION CHARACTERISTICS		HOUSEHOLD CHARACTERISTICS	
Number of rooms	20	Household composition	20
Size of household (persons)	20	Income	20
Persons per room	20		
Bedrooms	5		
PLUMBING CHARACTERISTICS			
Plumbing facilities	20		
Complete bathrooms	15		
STRUCTURAL CHARACTERISTICS			
Complete kitchen			
facilities	20		
Access	20		
Units in structure	20		
Mobile home or trailer	20		
Year structure built	20		
Elevator in structure	5		

not agree (primarily for smaller areas), there may be some differences between complete counts and sample estimates.

The ratio estimation process 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.

Group

Occupied housing units:

STAGE I

Male Head With Own Children Under 18

- 1 1-person household
- 2 2-person household
- 3 3-person household

.

- 6 6-or-more-person household

Male Head Without Own Children Under 18

- 7-12 1-person to 6-or-more-person households

Female Head

- 13-18 1-person to 6-or-more-person households

STAGE II

Owner Occupied

- 19 Negro
- 20 Not Negro

Renter Occupied

- 21 Negro
- 22 Not Negro

Vacant housing units:

- 23 Year-round vacant for sale
- 24 Year-round vacant for rent
- 25 Other vacant

At each stage, for each of the occupied housing groups, the ratio of the complete count to the weighted sample count of the housing units in the group was computed and applied to the weight of each sample unit in the group. This operation was performed for each of the 18 groups in the first stage, then for the four groups in the second stage. As a rule, the weighted sample counts within each of the 4 groups in the second stage for occupied units should agree with the complete counts for the weighting areas (close, although not exact consistency can be expected for the 18 groups in the first stage). Similarly, the weighted sample counts within each of the 3 groups in the single stage for vacant housing units should agree with the complete counts for the weighting area.

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. Furthermore, in order to increase the reliability, a separate ratio was not computed in a group whenever certain criteria pertaining to the complete count of housing units and the magnitude of the weight were not met. For example, for the 20-percent sample the complete count of units in a group had to exceed 70 units 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, con-

sistency 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 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 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 population 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 housing unit 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 the 20-, 15-, and 5-percent sample tabulations are subject to sampling variability. The standard errors of these estimates can be approximated by using the data in tables B through D. 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 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 $2\frac{1}{2}$ 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 D in conjunction with table B for absolute numbers and in conjunction with table C for percentages. 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 B 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 size of the area over which the data have been compiled are ignored. Table C shows standard errors of most percentages based on the 20-percent sample. Linear interpolation in tables B and C will provide approximate results that are satisfactory for most purposes. Table D provides a factor by which the standard errors shown in tables B or C should be multiplied to adjust for the effect of the sample size (i.e., whether a 15-percent or 5-percent sample) and the effect of the estimation procedure.

To estimate the standard error for a given characteristic, locate the factor in table D for the appropriate characteristic and the sample size used to tabulate the data, and multiply this

factor by the standard error found in table B or C. Where data are shown as cross-classifications of two characteristics, locate and use the larger factor. Similarly, if an item, although collected on one sample basis, has been tabulated for a smaller sample, use the factor appropriate for the smaller 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 sample statistics for 1970 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 characteristics 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 B

through D. The standard error of a 1960 sample figure may be obtained from the relevant 1960 census report.

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 rooms, median value, median gross 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 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 B, 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 sub-

tracting from and adding to one-half the number reporting the characteristics. Interpolation to obtain the

values corresponding to these numbers gives the confidence limits for the median.

TABLE B. Approximate Standard Error of Estimated Number Based on 20-Percent Sample

(Range of 2 chances out of 3; for factors to be applied see table D and text)

Estimated number ¹	Number of housing units in area ²						
	10,000	25,000	100,000	250,000	1,000,000	2,500,000	4,000,000
50	15	15	15	15	15	15	15
100	20	20	20	20	20	20	20
250	30	30	30	30	30	30	30
500	45	45	45	45	45	45	45
1,000	60	60	65	65	65	65	65
2,500	90	95	100	100	100	100	100
5,000	100	130	140	140	140	140	140
10,000 .....	...	150	190	200	200	200	200
15,000 .....	...	150	230	240	240	240	240
25,000 .....	...	...	270	300	310	310	320
50,000 .....	...	...	320	400	440	440	440
75,000 .....	...	...	270	450	520	540	540
100,000 .....	...	...	...	490	600	620	630

¹ For estimated numbers larger than 100,000, the relative errors are somewhat smaller than for 100,000.

² An area is the smallest complete geographic area to which the estimate under consideration pertains. Thus, the area may be the standard metropolitan statistical area or the place. Housing units with Negro heads of household or Spanish heritage heads of household do not represent complete areas.

TABLE C. Approximate Standard Error of Estimated Percentage Based on 20-Percent Sample

(Range of 2 chances out of 3; for factors to be applied see table D and text)

Estimated percentage	Base of percentage						
	500	1,000	2,500	10,000	25,000	100,000	250,000
2 or 98	1.3	0.9	0.6	0.3	0.2	0.1	0.1
5 or 95	2.0	1.4	0.9	0.4	0.3	0.1	0.1
10 or 90	2.7	1.9	1.2	0.6	0.4	0.2	0.1
25 or 75	3.9	2.7	1.7	0.9	0.5	0.3	0.2
50	4.5	3.2	2.0	1.0	0.6	0.3	0.2

TABLE D. Factor to be Applied to Standard Errors

Characteristic ¹	Factor if sample rate is—			Characteristic ¹	Factor if sample rate is—		
	20 percent	15 percent	5 percent		20 percent	15 percent	5 percent
OCCUPANCY AND VACANCY CHARACTERISTICS				EQUIPMENT, FUELS, AND APPLIANCES			
Year moved into unit .....	...	1.1	...	Heating equipment	0.8	0.9	...
Duration of vacancy	0.8	...	1.7	Air conditioning .....	...	1.1	...
UTILIZATION CHARACTERISTICS				Automobiles available .....	...	1.0	...
Rooms	1.0	1.1	2.1	Appliances .....	...	...	1.9
Size of household (persons)	0.5	0.6	1.2	FINANCIAL CHARACTERISTICS			
Persons per room	0.4	0.5	0.9	Value	1.0	1.1	2.1
Bedrooms .....	...	...	2.1	Value-income ratio	1.0	1.2	...
PLUMBING CHARACTERISTICS				Gross rent	0.9	1.1	2.1
Complete bathrooms .....	...	1.1	...	Gross rent as percentage of income	1.0	1.2	...
Plumbing facilities	1.0	...	...	Sales price asked	1.1	...	2.5
STRUCTURAL CHARACTERISTICS				Rent asked	1.1	...	2.5
Units in structure	0.8	0.9	1.7	HOUSEHOLD CHARACTERISTICS			
Year structure built	0.9	1.0	...	Household composition	0.6	0.7	...
				Income in 1969	1.0	1.2	2.3
				ALL OTHERS	1.0	1.2	2.2

¹Tabulations of housing data for households with heads of Spanish heritage are based on the 15-percent sample. For characteristics of households with heads of Spanish heritage (tables 19 to 26), use the factors given for the 15-percent sample.

NOTE: In this report an item collected for the 20-percent sample may be cross-tabulated with other items based on the 15-percent or 5-percent samples. In such cases, locate the factor for both items in Table D for the smaller sample size. Use the larger of the two factors. For example, in Table 9, duration of vacancy (a 20-percent item) is cross-tabulated by number of bedrooms (a 5-percent item). The factor for duration of vacancy based on a 5-percent sample is 1.7 and for bedrooms it is 2.1. The factor of 2.1 should be used to adjust the standard errors since it is the larger of the two factors based on the 5-percent sample.

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.

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 clothbound 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), standard metropolitan statistical areas (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), cover most of the 1970 census housing subjects in considerable detail and cross-classification. There is 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, home-owner 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 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.

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 clothbound 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, 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 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 is 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.

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 consists 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 51 cities and seven rural poverty areas. Each report provides 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 is 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 are generally 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—contains 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 are available only on tape.

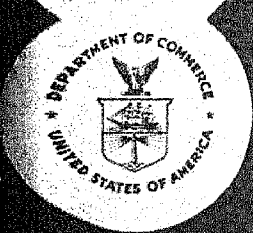
Sixth Count—source of the PC(1)-D and HC(2) reports; contains about 260,000 cells of data covering the subjects in these reports and tabulated for States, SMSA's, and large cities.

The tapes are generally organized on a State basis. To use the First Count and Third Count tapes, it is 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 makes available for purchase certain sample tape files containing population and housing characteristics as shown on individual census records. These files contain no names or addresses, and the geographic identification is sufficiently broad to protect confidentiality. There are six files, each containing a 1-percent national sample of persons and housing units. Three of the files are 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 provides a different type of geographic information: One identifies individual large SMSA's and, for the rest of the country, groups of counties; the second individual States and, where they are sufficiently large, provides urban-rural and metropolitan-nonmetropolitan detail; and the third State groups and size of place, with each individual record showing selected characteristics of the persons's neighborhood.

A UNITED STATES
DEPARTMENT OF
COMMERCE
PUBLICATION



Metropolitan Housing Characteristics

NASHUA, N.H.
STANDARD METROPOLITAN STATISTICAL AREA

HC(2)-142

The background of the lower half of the cover is a dark wood-grain texture. On the left side, there is a stylized white silhouette of a city skyline with several tall buildings. In the center and right, there are various white silhouettes of houses and buildings of different shapes and sizes, arranged in a somewhat scattered pattern.

1970 CENSUS OF HOUSING

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

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THE CENSUS

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HOUSING DIVISION

Arthur F. Young, Chief

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This report was planned and written in the Housing Division under the supervision of Arthur F. Young, Chief, by Aaron Josowitz, Assistant Division Chief, Nathan Krevor, Chief, Coordination and Research Branch, and Paul F. Coe, assisted by Robert W. Bonnette, William Downs, and Edward D. Montfort.

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**1970
CENSUS OF
HOUSING**

Metropolitan
Housing
Characteristics

NASHUA, N.H.

**STANDARD METROPOLITAN
STATISTICAL AREA**

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168	Pittsburgh, Pa. SMSA

Report number	Area
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171	Portland, Oreg.-Wash. SMSA
172	Providence-Pawtucket-Warwick, R.I.-Mass. SMSA
173	Provo-Orem, Utah SMSA
174	Pueblo, Colo. SMSA
175	Racine, Wis. SMSA
176	Raleigh, N.C. SMSA
177	Reading, Pa. SMSA
178	Reno, Nev. SMSA
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Report number	Area
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238	Wichita Falls, Tex. SMSA
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240	Wilmington, Del.-N.J.-Md. SMSA
241	Wilmington, N.C. SMSA
242	Worcester, Mass. SMSA
243	York, Pa. SMSA
244	Youngstown-Warren, Ohio SMSA
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TABLE FINDING GUIDE—Cross-Classification of Subjects by Table Number

This guide lists all subjects covered in this report. An asterisk (*) indicates that data are shown for housing units with Negro head of household, and the dagger symbol (†) means that the data are shown for housing units with household head of Spanish heritage; these data are shown when an area has 25,000 or more Negro or Spanish heritage population, respectively.

Subject	Value	Gross rent	Income in 1969	Plumbing facilities by persons per room	Number of rooms	Units in structure	Household composition by age of head	Size of household (persons)	Duration of vacancy	Sales price asked and rent asked
OCCUPANCY AND VACANCY CHARACTERISTICS										
Year moved into unit	1, 11*, 19†	2, 12*, 20†	3, 13*, 21†	—	—	6, 16*, 24†	—	—	—	—
Duration of vacancy	—	—	—	9 ¹	9	9	—	—	—	9
UTILIZATION CHARACTERISTICS										
Number of rooms	1, 11*, 19†	2, 12*, 20†	3, 13*, 21†	5, 15*, 23†	—	6, 16*, 24†	—	5, 15*, 23†	9	—
Size of household (persons)	1, 11*, 19†	2, 12*, 20†	3, 13*, 21†	4, 14*, 22†	5, 15*, 23†	8, 18*, 26†	8, 18*, 26†	—	—	—
Number of bedrooms	1, 11*	2, 12*	3, 13*	—	5, 15*	6, 16*	—	8, 18*	9	10
Persons per room	1, 11*, 19†	2, 12*, 20†	4, 14*, 22†	—	5, 15*, 23†	6, 16*, 24†	7, 17*, 25†	4, 14*, 22†	—	—
PLUMBING CHARACTERISTICS										
Plumbing facilities	—	—	—	—	—	—	—	—	9	10
Plumbing facilities by persons per room	1, 11*, 19†	2, 12*, 20†	4, 14*, 22†	—	5, 15*, 23†	6, 16*, 24†	7, 17*, 25†	4, 14*, 22†	—	—
Complete bathrooms	1, 11*, 19†	2, 12*, 20†	—	—	5, 15*, 23†	—	—	8, 18*, 26†	—	—
STRUCTURAL CHARACTERISTICS										
Units in structure	—	6, 16*, 24†	6, 16*, 24†	6, 16*, 24†	6, 16*, 24†	—	7, 17*, 25†	8, 18*, 26†	9	10
Year structure built	1, 11*, 19†	2, 12*, 20†	3, 13*, 21†	4, 14*, 22†	5, 15*, 23†	6, 16*, 24†	—	8, 18*, 26†	9	10
Elevator in structure	—	2, 12*	—	—	—	—	—	—	—	—
EQUIPMENT AND APPLIANCES										
Heating equipment	1, 11*, 19†	—	—	4, 14*, 22†	—	6, 16*, 24†	—	—	9	—
Air conditioning	1, 11*, 19†	2, 12*, 20†	3, 13*, 21†	—	—	6, 16*, 24†	—	—	—	—
Automobiles available	—	—	3, 13*, 21†	—	—	6, 16*, 24†	—	—	—	—
Second home	—	—	3, 13*	—	—	—	—	—	—	—
Automatic clothes washing machine	—	—	3, 13*	—	—	—	—	—	—	—
Clothes dryer	—	—	3, 13*	—	—	—	—	—	—	—
Dishwasher	—	—	3, 13*	—	—	—	—	—	—	—
Home food freezer	—	—	3, 13*	—	—	—	—	—	—	—
FINANCIAL CHARACTERISTICS										
Value	—	—	1, 11*, 19†	1, 11*, 19†	1, 11*, 19†	—	1, 11*, 19†	1, 11*, 19†	—	—
Value-income ratio	—	—	—	4, 14*, 22†	5, 15*, 23†	—	7, 17*, 25†	8, 18*, 26†	—	—
Gross rent	—	—	2, 12*, 20†	2, 12*, 20†	2, 12*, 20†	6, 16*, 24†	7, 17*, 25†	2, 12*, 20†	—	—
Gross rent as percentage of income	—	2, 12*, 20†	3, 13*, 21†	4, 14*, 22†	5, 15*, 23†	—	7, 17*, 25†	8, 18*, 26†	—	—
Gross rent as percentage of income by income	—	2	—	—	—	—	—	—	—	—
Sales price asked	—	—	—	10 ¹	—	—	—	—	9	—
Rent asked	—	—	—	10 ¹	—	10	—	—	9	—
Inclusion of utilities in rent	—	—	—	—	—	—	—	—	—	10
HOUSEHOLD CHARACTERISTICS										
Household composition by age of head	1, 11*, 19†	7, 17*, 25†	7, 17*, 25†	7, 17*, 25†	—	7, 17*, 25†	—	8, 18*, 26†	—	—
Income in 1969	1, 11*, 19†	2, 12*, 20†	—	4, 14*, 22†	3, 13*, 21†	6, 16*, 24†	7, 17*, 25†	3, 13*, 21†	—	—

¹ Vacant units tabulated by plumbing facilities only.

INTRODUCTION

APPENDIXES

A. Area Classifications	App-1
B. Definitions and Explanations of Subject Characteristics ...	App-2
C. Accuracy of the Data	App-14
D. Publication and Computer Summary Tape Program	App-20

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GENERAL

This report presents cross-tabulations of housing and household characteristics from the 1970 Census of Population and Housing for the standard metropolitan statistical area, its central city or cities, and its places of 50,000 inhabitants or more. 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 248 reports as listed on page 11. There is one report for each standard metropolitan statistical area (recognized as of February 1971) in the United States and Puerto Rico, as well as a summary report for the United States.

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 of the 1970 Population and Housing Census, 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 most of 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; further information on comparability appears in Appendix B, "Definitions and Explanations of Subject Characteristics."

More detailed information on the technical and procedural matters covered in the text of this report can be obtained by writing to the Director, Bureau of the Census, Washington, D.C. 20233. Such information will also appear in 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 the various area classifications (e.g., places, standard metropolitan statistical areas, etc.) and briefly explains the residence rules used in counting the population. Appendix B provides definitions and explanations for the subjects covered in this report, including facsimiles of the 1970 census questionnaire pages and a facsimile of the instruction sheet. Appendix C presents information on sources of error in the data, editing procedures, the sample design, ratio estimation, and sampling variability. Appendix D summarizes the data dissemination program of the 1970 census.

Content of the tables.—A series of standard tables is presented for each area shown in this report. Tables 1 to 8 present statistics for owner-occupied and renter-occupied units. Tables 9 and 10 present statistics for vacant units, separately for units for

sale and for units for rent. Data for housing units with Negro head of household are presented in tables 11 to 18, and data for housing units with heads of Spanish heritage (i.e., heads of Spanish language or surname or of Puerto Rican birth or parentage) are presented in tables 19 to 26; these tables, which have the same subject content as tables 1 to 8, are published for those standard metropolitan statistical areas, cities or places that have a population of 25,000 or more for the particular group. The finding guide on page IV lists the characteristics covered in this report and shows the tables in which the various types of statistics appear.

The prefix letter "A" has been assigned to the tables for the total standard metropolitan statistical area; tables for the central cities and places of 50,000 inhabitants or more, which follow in alphabetical order, have the prefix letter "B," "C," etc.

Sample size.—The statistics presented in this report are based on a sample of housing units. More specifically, the data are derived from the 15-percent and 5-percent sample questionnaires (see "Data Collection Procedures," below). Some items appeared on both sample questionnaires and, therefore, are based on a 20-percent sample of housing units. The sampling rate for each subject is shown in table A of Appendix C, "Accuracy of the Data." Appendix C also presents information on the sampling variability associated with these data.

Statistics for some subgroups (e.g., households in owner-occupied units with incomes of less than \$2,000 or renter-occupied 1-room units) may differ from table to table or within the same table when the figures are tabulated from different samples.

Derived figures (medians, etc.).— Shown in this report are medians as well as certain percentages and ratios. 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. For all types of derived figures in this report, the figure is not presented (but indicated by three dots "...") if there are fewer than the prescribed number of units in the distribution or the base. For the 20-percent sample, the minimum number of housing units is 100; for the 15-percent sample, the minimum is 132; and for the 5-percent sample, the minimum is 400.

Medians for rooms and persons are rounded to the nearest tenth, for value to the nearest hundred dollars, and for rent to the nearest dollar. In computing medians for rooms and persons per housing unit, the whole number is used as the midpoint of the interval so that, for example, the category "3 rooms" is treated as an interval ranging from 2.5 up to 3.5 rooms. In computing median rent, units reported as "no cash rent" are excluded. The median is computed on the basis of the distribution as tabulated, which is sometimes more detailed than the distribution shown in this report. 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 "\$50,000 or more," it is shown as "\$50,000+."

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

Boundaries.—The data shown for 1970 relate to the boundaries as they existed on January 1, 1970. Information on boundary changes between 1960 and 1970 for certain types of areas is given in the 1970 Population Census PC(1)-A reports.

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. Some of this material is reproduced in Appendix B, "Definitions and Explanations of Subject Characteristics."

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 that did not mail back their forms, a followup was also made, in almost all cases by personal visit and in the remainder by telephone; vacant units were enumerated by personal visit.

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 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

interviewed for the additional questions in those households designated for the 15-percent and 5-percent samples.

The subjects covered in this report are all drawn from the 15-percent and 5-percent sample questionnaires.

PROCESSING PROCEDURES

The 1970 census questionnaires were specially designed to be processed by FOSDIC (Film Optical

Sensing Device for Input to Computers). Respondents and enumerators (and for some few items, census clerks) marked the answers in predesignated positions which could be "read" by FOSDIC, from a microfilm copy of the questionnaire, onto computer 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 tape which is available for purchase, as described in Appendix D, "Publication and Computer Summary Tape Program."

CONTENTS

METROPOLITAN HOUSING CHARACTERISTICS

Nashua, N.H.

STANDARD METROPOLITAN STATISTICAL AREA

[Page numbers listed here omit the SMSA prefix number which appears as part of the page number for each page. The prefix for this SMSA is 142.]

page

MAP

Counties, Standard Metropolitan
Statistical Areas, and Selected Places

XI

INDEX OF TABLES

[The prefix letter "A" refers to tables for the total SMSA; tables for central cities and for places of 50,000 inhabitants or more, which follow in alphabetical order, have the prefix letter "B," "C," etc.]

Area	Prefix letter	Tables 1-10	Tables 11-18	Tables 19-26
		<i>Pages</i>	<i>Pages</i>	<i>Pages</i>
Total SMSA	A	1 to 9	—	—
Nashua city.....	B	10 to 18	—	—

LIST OF TABLES

[Tables 11 to 18 are shown if an area has 25,000 or more Negro population and tables 19 to 26 are shown if an area has 25,000 or more population of Spanish language]

TABLE

- 1 Value of Owner Occupied Housing Units: 1970

- 2 Gross Rent of Renter Occupied Housing Units: 1970

- 3 Income in 1969 of Families and Primary Individuals in Owner and Renter Occupied Housing Units: 1970

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- 5 Rooms in Owner and Renter Occupied Housing Units: 1970

- 6 Units in Structure for Owner and Renter Occupied Housing Units: 1970

- 7 Household Composition for Owner and Renter Occupied Housing Units: 1970

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- 19 Value of Owner Occupied Housing Units With Household Head of Spanish Language: 1970

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- 26 Persons in Owner and Renter Occupied Housing Units With Household Head of Spanish Language: 1970

DESCRIPTION OF SMSA

The Nashua, N.H. Standard Metropolitan Statistical Area comprises the following:

Hillsborough County (part)

Hudson town

Nashua city

Counties, Standard Metropolitan Statistical Areas, and Selected Places

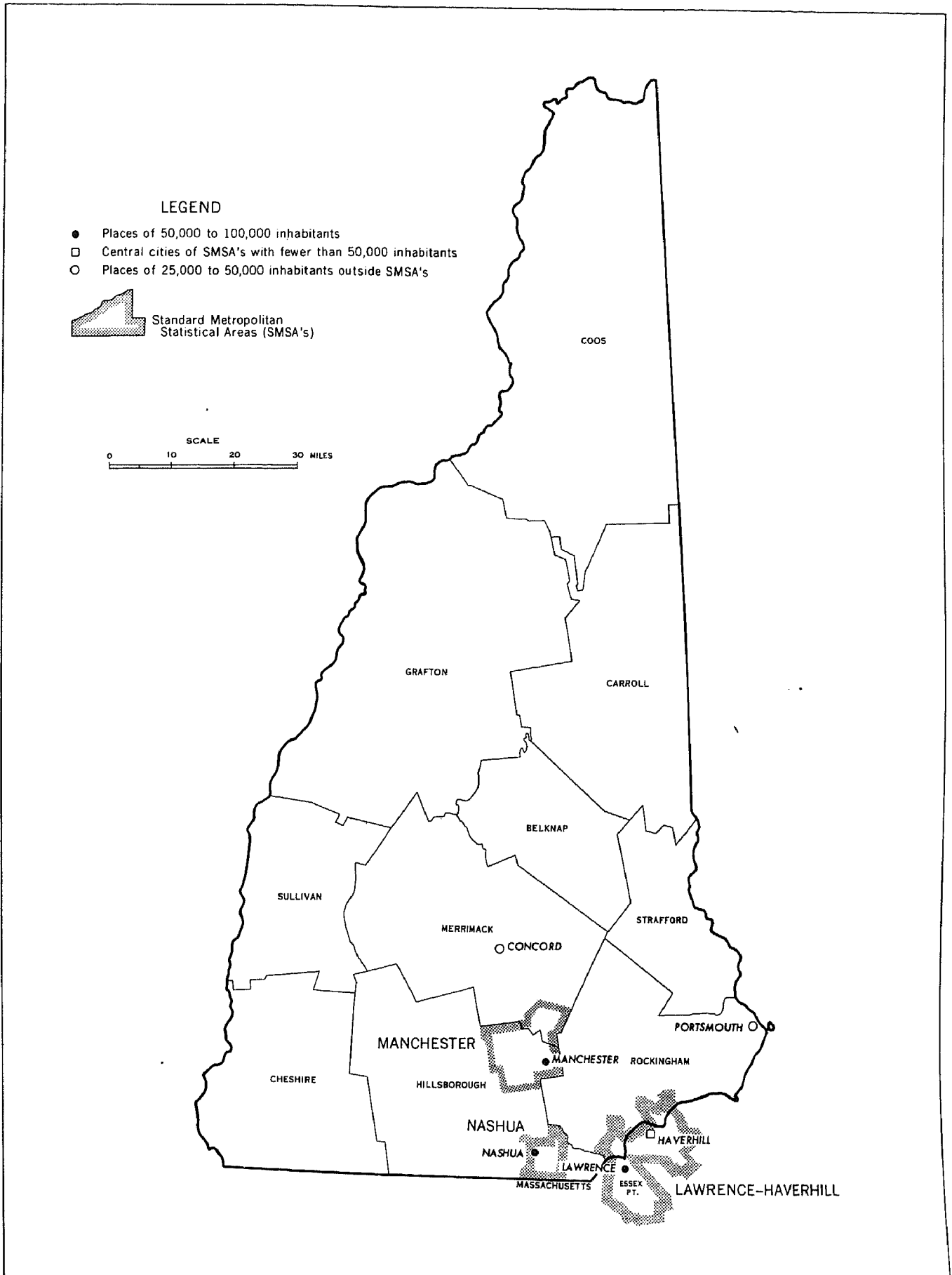


Table A-1. Value of Owner Occupied Housing Units: 1970

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

The SMSA

	Total	Less than \$5,000	\$5,000 to \$7,499	\$7,500 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)
Specified owner occupied¹	9 882	15	81	255	584	953	3 655	2 423	1 302	465	149	19 300
ROOMS												
1 and 2 rooms	12	—	—	2	—	—	—	5	5	—	—	—
3 rooms	39	—	5	10	5	—	9	—	5	—	5	—
4 rooms	1 093	5	24	64	128	220	454	172	18	8	—	16 000
5 rooms	3 054	—	21	63	155	263	1 689	731	121	6	5	18 400
6 rooms	2 859	5	12	76	191	251	1 073	924	284	35	8	19 300
7 rooms	1 576	5	13	14	91	158	274	404	485	113	19	22 900
8 rooms or more	1 249	—	6	26	14	61	156	187	384	303	112	29 500
Median	5.8	—	—	5.3	5.5	5.5	5.3	5.8	6.9	7.5+	7.5+	—
PERSONS												
1 person	526	5	29	23	75	80	156	93	48	9	8	16 900
2 persons	2 187	5	21	78	179	296	825	478	159	99	47	18 000
3 persons	1 693	—	8	54	109	179	651	404	211	45	32	19 100
4 persons	2 196	—	11	33	84	136	851	622	311	93	14	19 900
5 persons	1 559	—	—	27	57	107	600	383	264	100	21	19 900
6 persons or more	1 721	5	12	40	80	155	572	443	268	119	27	20 000
Median	3.7	—	—	3.0	2.8	3.1	3.7	3.9	4.2	4.4	3.1	—
Units with roomers, boarders, or lodgers	119	5	—	22	4	16	49	5	12	6	—	16 800
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	9 850	15	76	249	578	953	3 646	2 423	1 296	465	149	19 300
0.50 or less	3 898	10	48	133	308	460	1 251	871	468	247	102	19 000
0.51 to 1.00	5 174	5	22	84	222	428	2 036	1 362	776	197	42	19 600
1.01 to 1.50	709	—	6	25	43	59	333	170	47	21	5	18 500
1.51 or more	69	—	—	7	5	6	26	20	5	—	—	—
Lacking some or all plumbing facilities	32	—	5	6	6	—	9	—	6	—	—	—
0.50 or less	5	—	5	—	—	—	—	—	—	—	—	—
0.51 to 1.00	15	—	—	—	—	—	—	—	—	—	—	—
1.01 to 1.50	12	—	—	6	6	—	—	—	—	—	—	—
1.51 or more	—	—	—	—	—	—	—	—	—	—	—	—
BEDROOMS												
None and 1	178	—	—	20	21	38	21	21	41	—	16	—
2	1 815	—	21	56	168	286	771	411	40	—	21	17 100
3	5 099	—	59	125	378	501	2 173	1 113	545	163	42	18 700
4 or more	2 476	—	19	—	97	207	525	656	583	348	41	23 000
YEAR STRUCTURE BUILT												
1969 to March 1970	493	—	—	—	—	5	162	168	100	47	11	22 400
1965 to 1968	2 172	—	6	6	—	38	824	674	426	162	36	21 600
1960 to 1964	2 050	—	—	12	45	120	790	654	301	107	21	20 400
1950 to 1959	2 046	—	—	36	115	192	889	516	206	75	17	18 900
1940 to 1949	680	5	10	35	72	131	253	108	37	12	17	16 300
1939 or earlier	2 441	10	65	166	352	467	737	303	232	62	47	16 000
COMPLETE BATHROOMS												
1 and 1 1/2	8 516	18	63	272	505	924	3 454	2 166	950	135	29	18 800
2 and 2 1/2	1 191	—	—	—	32	6	166	318	344	254	71	27 100
3 or more	132	—	—	—	—	—	6	6	6	55	59	48 100
None or also used by another household	61	—	6	6	14	—	20	—	15	—	—	—
HOUSEHOLD COMPOSITION												
Two-or-more-person households	9 356	10	52	232	509	873	3 499	2 330	1 254	456	141	19 400
Male head, wife present, no nonrelatives	8 471	5	47	169	454	746	3 144	2 159	1 185	431	131	19 600
Under 25 years	233	—	—	—	5	14	98	97	—	—	—	20 000
25 to 34 years	2 119	5	—	20	39	89	910	637	346	58	15	20 000
35 to 44 years	2 437	—	12	38	105	198	729	678	453	179	45	21 000
45 to 64 years	3 121	—	22	76	259	309	1 254	682	300	153	66	18 500
65 years and over	561	—	13	35	46	136	153	65	67	41	5	16 700
Other male head	337	5	5	15	22	123	68	52	12	10	19 300	
Under 65 years	253	—	5	14	4	9	111	59	34	12	5	19 500
65 years and over	84	5	—	11	13	12	9	18	—	—	5	—
Female head	548	—	—	38	40	105	232	103	17	13	—	17 100
Under 65 years	399	—	—	29	18	66	182	85	13	6	—	17 800
65 years and over	149	—	—	9	22	39	50	18	4	7	—	15 300
One-person households	526	5	29	23	75	80	156	93	48	9	8	16 900
Under 65 years	293	5	14	10	24	53	77	60	38	4	8	17 800
65 years and over	233	—	15	13	51	27	79	33	10	5	—	15 900
INCOME IN 1969												
Less than \$2,000	289	5	5	22	46	32	91	37	33	13	5	18 000
\$2,000 to \$2,999	239	—	6	21	33	20	91	38	27	—	3	17 500
\$3,000 to \$3,999	217	5	19	10	23	41	76	19	24	—	—	15 600
\$4,000 to \$4,999	224	—	5	33	26	40	74	42	4	—	—	15 400
\$5,000 to \$5,999	211	5	—	25	27	30	51	43	25	5	—	16 300
\$6,000 to \$6,999	355	—	10	28	56	72	104	59	10	11	5	15 800
\$7,000 to \$9,999	1 792	—	14	45	108	245	862	414	83	16	5	18 000
\$10,000 to \$14,999	3 813	—	12	53	208	316	1 632	1 068	414	100	10	19 200
\$15,000 to \$24,999	2 301	—	6	18	47	149	607	640	572	231	31	22 500
\$25,000 or more	441	—	4	—	10	8	67	63	110	89	90	31 200
Median	\$12 100	—	—	\$6 600	\$9 300	\$10 000	\$11 500	\$12 600	\$15 500	\$18 800	\$30 200	—
YEAR MOVED INTO UNIT												
1969 to March 1970	1 153	—	6	14	23	21	368	443	198	66	14	21 600
1968	1 035	6	—	20	7	60	368	276	212	56	30	21 000
1967	780	—	—	8	21	31	357	171	113	73	6	19 800
1965 and 1966	1 521	—	6	13	24	84	604	449	238	81	22	20 300
1960 to 1964	2 210	—	—	41	110	213	822	578	314	91	41	19 600
1950 to 1959	2 081	7	19	77	193	302	811	401	202	46	23	17 600
1949 or earlier	1 120	5	38	105	173	219	316	172	38	31	23	15 300
HEATING EQUIPMENT												
Steam or hot water	5 196	5	27	85	277	377	1 839	1 317	883	312	74	20 000
Warm-air furnace	4 058	—	35	118	263	550	1 679	958	305	113	37	18 400
Built-in electric units	339	—	6	11	5	—	54	102	89	40	32	24 600
Floor, wall, or pipeless furnace	23	—	—	—	—	—	—	—	—	—	—	—
Other means	266	10	13	41	35	24	75	42	20	—	—	15 800
None	—	—	—	—	—	—	—	—	—	—	—	—
AIR CONDITIONING												
Room unit(s)	1 647	—	30	16	71	141	486	480	267	94	62	20 800
Central system	528	—	—	7	—	24	204	161	64	15	53	20 900
None	7 725	18	39	255	480	765	2 956	1 849	984	335	44	19 000

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

Table A-2. Gross Rent of Renter Occupied Housing Units: 1970

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

The SMSA	Total	Less than \$50	\$50 to \$59	\$60 to \$69	\$70 to \$79	\$80 to \$99	\$100 to \$119	\$120 to \$149	\$150 to \$199	\$200 to \$299	\$300 or more	No cash rent	Median (dollars)
Specified renter occupied¹	7 419	290	284	463	481	1 324	1 293	1 448	1 247	387	12	190	112
ROOMS													
1 room	336	97	40	101	26	53	9	5	-	-	-	5	63
2 rooms	458	29	68	50	45	53	53	100	60	-	-	-	89
3 rooms	1 652	108	48	129	144	323	259	334	260	25	-	22	105
4 rooms	2 258	35	82	129	140	447	438	377	480	108	-	22	113
5 rooms	1 685	17	41	38	98	312	338	348	276	150	-	67	118
6 rooms	716	4	-	16	16	91	146	222	135	49	5	32	129
7 rooms	203	-	5	-	12	40	50	31	20	29	-	16	115
8 rooms or more	111	-	-	-	-	5	-	31	16	26	7	26	-
Median	4.0	2.7	3.2	3.1	3.7	4.0	4.2	4.3	4.1	4.9	...	5.2	-
PERSONS													
1 person	2 031	238	188	286	254	336	160	260	219	29	-	61	81
2 persons	2 253	33	52	108	121	478	449	448	455	68	-	41	114
3 persons	1 378	4	22	53	52	216	283	352	259	93	5	39	123
4 persons	816	4	8	6	26	119	127	157	156	95	-	18	122
5 persons	407	4	9	10	7	88	62	96	72	33	7	19	124
6 persons or more	534	7	5	-	21	87	112	135	86	69	-	12	126
Median	2.2	1.1	1.3	1.3	1.4	2.2	2.6	2.5	2.4	3.5	...	2.3	-
Units with roomers, boarders, or lodgers	169	5	-	10	13	22	39	46	28	-	-	6	116
PLUMBING FACILITIES BY PERSONS PER ROOM													
With all plumbing facilities	7 036	178	217	366	441	1 295	1 280	1 428	1 247	387	12	185	115
0.50 or less	3 291	146	146	232	297	635	487	571	559	100	5	113	105
0.51 to 1.00	3 211	21	66	125	118	547	679	732	604	240	7	72	121
1.01 to 1.50	427	4	5	5	21	86	74	110	80	42	-	-	125
1.51 or more	107	7	-	4	5	27	40	15	4	5	-	-	105
Lacking some or all plumbing facilities	383	112	67	97	40	29	13	20	-	-	-	5	61
0.50 or less	86	15	32	19	10	4	6	-	-	-	-	-	-
0.51 to 1.00	282	93	35	78	30	19	7	15	-	-	-	5	61
1.01 to 1.50	-	-	-	-	-	-	-	-	-	-	-	-	-
1.51 or more	15	4	-	-	-	6	-	5	-	-	-	-	-
BEDROOMS													
None	428	134	45	93	85	71	-	-	-	-	-	-	64
1	2 364	139	159	242	185	481	317	549	273	-	-	19	98
2	2 603	21	68	146	107	586	516	509	499	137	-	14	114
3 or more	1 979	-	20	52	91	306	353	618	329	162	17	31	127
YEAR STRUCTURE BUILT													
1969 to March 1970	631	-	-	-	-	-	10	50	403	157	-	11	181
1965 to 1968	635	6	5	-	15	21	19	190	250	123	-	6	162
1960 to 1964	285	34	16	-	-	6	-	53	153	9	5	9	159
1950 to 1959	201	4	-	5	-	4	39	51	58	19	-	21	142
1940 to 1949	342	33	44	5	10	74	50	59	34	14	-	19	99
1939 or earlier	5 325	213	219	453	456	1 219	1 175	1 045	349	65	7	124	101
ELEVATOR IN STRUCTURE													
4 floors or more	352	22	19	104	67	68	47	25	-	-	-	-	-
With elevator	131	-	-	19	45	19	23	25	-	-	-	-	-
Walk-up	221	22	19	85	22	49	24	-	-	-	-	-	-
1 to 3 floors	7 022	272	273	429	401	1 376	1 139	1 651	1 101	299	17	64	113
COMPLETE BATHROOMS													
1 and 1 1/2	6 866	169	189	348	441	1 220	1 288	1 325	1 310	380	9	187	115
2 or more	112	-	-	-	-	8	15	-	6	44	-	39	-
None or also used by another household	461	114	80	99	45	47	27	43	-	-	-	6	63
INCOME IN 1969													
Less than \$2,000	891	146	79	109	105	172	95	100	46	-	-	39	79
\$2,000 to \$2,999	433	29	62	54	35	109	59	60	16	-	-	9	85
\$3,000 to \$3,999	494	31	38	69	42	108	81	70	20	24	-	11	89
\$4,000 to \$4,999	551	5	27	74	45	129	87	111	62	-	-	11	98
\$5,000 to \$5,999	559	20	18	30	47	112	136	96	75	20	-	5	107
\$6,000 to \$6,999	549	10	11	51	56	108	100	100	81	15	-	17	106
\$7,000 to \$9,999	1 717	17	27	19	102	317	416	421	313	62	-	23	118
\$10,000 to \$14,999	1 689	32	22	52	49	229	252	390	439	163	5	56	134
\$15,000 to \$24,999	454	-	-	5	-	30	57	85	179	79	-	19	161
\$25,000 or more	82	-	-	-	-	10	10	15	16	24	7	-	-
Median	\$7 400	\$2 000	\$3 000	\$4 000	\$5 300	\$6 300	\$7 600	\$8 300	\$10 100	\$12 200	...	\$7 400	-
YEAR MOVED INTO UNIT													
1969 to March 1970	3 036	65	51	126	102	405	478	610	835	323	-	41	133
1968	991	13	13	29	67	120	197	269	221	56	-	6	126
1967	739	-	32	62	18	149	187	155	123	13	-	-	112
1965 and 1966	709	65	25	18	83	157	146	89	57	7	-	62	97
1960 to 1964	801	46	69	67	73	186	150	110	37	14	9	40	91
1950 to 1959	755	47	41	111	89	175	131	73	16	11	-	61	88
1949 or earlier	408	47	38	34	54	83	41	62	27	-	-	22	84
GROSS RENT AS PERCENTAGE OF INCOME													
Less than 10 percent	613	70	44	62	54	182	83	73	32	13	-	...	88
10 to 14 percent	1 475	35	45	80	147	333	347	261	189	38	-	...	106
15 to 19 percent	1 622	22	36	94	69	234	325	404	350	81	7	...	122
20 to 24 percent	986	16	29	48	38	129	188	212	224	102	-	...	126
25 to 34 percent	994	60	41	52	53	141	118	182	252	90	5	...	125
35 percent or more	1 477	87	84	123	106	284	226	309	195	63	-	...	105
Not computed	252	-	5	4	14	21	6	7	5	-	-	190	-
AIR CONDITIONING													
Room unit(s)	1 331	-	6	50	67	127	92	245	523	155	-	66	154
Central system	277	-	-	-	-	5	-	32	135	82	-	23	183
None	5 831	283	263	397	419	1 143	1 238	1 091	658	187	9	143	105

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

Table A-3. Income in 1969 of Families and Primary Individuals in Owner and Renter Occupied Housing Units: 1970

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

The SMSA	Total	Less than \$2,000	\$2,000 to \$2,999	\$3,000 to \$3,999	\$4,000 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$9,999	\$10,000 to \$14,999	\$15,000 to \$24,999	\$25,000 or more	Median (dollars)
Owner occupied housing units	12 377	518	339	339	374	338	472	2 285	4 582	2 644	486	11 700
ROOMS												
1 and 2 rooms	20	—	—	—	—	—	—	—	17	3	—	...
3 rooms	212	49	26	9	19	16	21	20	33	14	5	5 200
4 rooms	1 763	98	88	85	97	98	115	511	513	154	4	8 800
5 rooms	3 813	148	67	125	105	84	138	814	1 685	574	73	11 300
6 rooms	3 428	134	88	75	94	66	96	602	1 401	789	83	12 000
7 rooms or more	3 141	89	70	45	59	74	102	338	933	1 110	321	14 300
PERSONS												
1 person	993	311	110	118	65	96	71	105	70	39	8	3 600
2 persons	2 998	121	165	156	216	120	186	697	890	334	113	9 300
3 and 4 persons	4 665	47	47	41	61	82	143	864	2 033	1 161	186	12 600
5 persons	1 774	24	5	—	9	5	24	799	342	490	76	13 000
6 persons or more	1 947	15	12	24	23	35	48	277	790	620	103	13 400
Units with roomers, boarders, or lodgers	135	23	11	5	21	16	6	26	18	9	—	5 500
BEDROOMS												
Less than 3	3 520	324	172	177	116	221	91	1 006	872	441	100	9 000
3	6 043	110	40	125	171	55	211	1 156	2 436	1 400	339	12 400
4 or more	2 683	56	37	23	46	57	104	328	862	926	244	14 000
YEAR STRUCTURE BUILT												
1969 to March 1970	623	15	6	5	6	—	6	146	301	128	10	12 100
1960 to 1968	4 732	138	48	77	63	100	122	882	2 072	1 052	178	12 300
1950 to 1959	2 244	29	59	39	59	47	61	386	896	576	92	12 500
1949 or earlier	4 778	336	226	218	246	191	283	871	1 313	888	206	10 100
YEAR MOVED INTO UNIT												
1969 to March 1970	1 459	20	—	19	23	13	45	352	724	227	36	11 800
1968	1 251	39	53	—	11	32	47	248	473	316	32	12 100
1960 to 1967	5 183	187	50	122	89	122	143	905	2 137	1 236	192	12 300
1959 or earlier	4 488	293	275	201	259	176	246	705	1 376	782	175	10 300
SELECTED CHARACTERISTICS												
Automatic clothes washing machine	10 822	294	209	201	251	180	351	2 248	3 791	2 628	669	12 200
Clothes dryer	7 621	128	114	60	116	41	180	1 494	2 638	2 279	571	13 200
Dishwasher	3 438	51	74	22	62	41	44	356	1 032	1 281	475	15 300
Home food freezer	2 308	16	—	—	33	23	56	360	814	742	264	14 100
Owned second home	932	35	—	24	—	—	61	129	283	314	86	13 800
With air conditioning	2 624	64	56	55	25	55	92	454	928	728	167	12 800
Room unit(s)	2 063	43	37	48	25	46	85	323	700	635	121	13 000
Central system	561	21	19	7	—	9	7	131	228	93	46	11 900
Automobiles available:												
1	6 840	208	209	165	262	254	306	1 567	2 835	955	79	10 800
2	4 124	49	27	49	47	25	90	529	1 656	1 389	263	13 800
3 or more	491	9	—	—	—	7	8	20	155	199	93	17 300
Renter occupied housing units	7 468	896	438	494	551	559	549	1 733	1 701	460	87	7 400
ROOMS												
1 room	336	99	27	30	34	28	45	19	54	—	—	4 400
2 rooms	458	119	56	26	40	23	12	85	57	16	4	4 500
3 rooms	1 652	308	125	164	168	159	119	273	275	53	8	5 400
4 rooms	2 258	197	140	144	186	148	190	561	532	150	10	7 700
5 rooms	1 705	130	70	79	58	130	104	478	478	136	42	8 800
6 rooms or more	1 059	43	20	51	45	71	79	317	305	105	23	9 100
PERSONS												
1 person	2 041	650	214	179	245	140	147	257	183	22	4	3 900
2 persons	2 271	155	144	192	182	177	131	483	599	190	18	8 800
3 and 4 persons	2 199	78	63	89	105	154	200	691	633	167	19	8 800
5 persons	412	4	17	12	7	33	20	132	138	32	17	9 600
6 persons or more	545	9	—	22	12	55	51	170	148	49	29	9 200
Units with roomers, boarders, or lodgers	169	33	6	15	12	28	35	11	22	7	—	5 700
BEDROOMS												
None	428	109	69	24	69	70	24	—	63	—	—	4 200
1	2 382	594	147	163	278	109	239	337	471	20	24	5 100
2	2 630	171	206	130	63	178	244	835	529	226	48	8 200
3 or more	1 998	120	98	102	52	149	66	554	696	122	39	9 200
YEAR STRUCTURE BUILT												
1969 to March 1970	631	10	—	30	30	36	38	130	222	126	9	10 900
1960 to 1968	925	75	55	18	48	61	48	199	310	91	20	9 400
1950 to 1959	5 201	5	5	4	5	6	5	54	89	28	—	10 900
1949 or earlier	5 711	806	378	442	468	456	458	1 350	1 080	215	58	6 700
YEAR MOVED INTO UNIT												
1969 to March 1970	3 045	289	124	205	226	228	242	690	778	242	21	7 900
1968	1 001	74	34	63	57	106	77	258	262	56	14	8 000
1960 to 1967	2 249	324	109	169	197	153	133	548	470	110	36	7 200
1959 or earlier	1 190	185	149	88	85	85	89	222	187	86	14	6 000
GROSS RENT AS PERCENTAGE OF INCOME												
Specified renter occupied ¹	7 419	891	433	494	551	559	549	1 717	1 689	454	82	7 400
Less than 15 percent	2 088	—	—	21	16	53	122	522	902	377	75	11 700
15 to 19 percent	1 622	—	12	35	106	117	138	630	525	52	7	8 900
20 to 24 percent	986	5	22	75	105	161	132	311	169	6	—	6 900
25 to 34 percent	994	54	103	143	158	156	116	227	37	—	—	5 300
35 percent or more	1 477	731	287	209	155	67	24	4	—	—	—	2 000
Not computed	252	101	9	11	11	5	17	23	56	19	—	4 500
SELECTED CHARACTERISTICS												
Automatic clothes washing machine	3 292	228	178	123	121	197	154	995	1 054	198	44	8 900
Clothes dryer	1 521	65	52	—	47	44	44	489	619	136	25	10 200
Dishwasher	747	26	—	—	27	48	19	114	338	127	48	12 100
Home food freezer	246	50	21	19	—	—	—	63	93	—	—	...
Owned second home	145	22	19	—	43	—	—	18	23	20	—	...
With air conditioning	1 615	95	58	95	67	87	103	306	508	274	22	10 000
Room unit(s)	1 338	88	58	68	67	74	91	265	396	209	22	9 500
Central system	277	7	—	27	—	13	12	41	112	65	—	11 700
Automobiles available:												
1	4 302	201	143	221	318	340	343	1 305	1 191	196	44	8 300
2	905	18	6	35	21	45	41	118	324	262	35	12 600
3 or more	91	—	—	6	—	13	15	9	31	17	—	...

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

Table A-4. Plumbing Facilities by Persons Per Room for Owner and Renter Occupied Housing Units: 1970

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

The SMSA	With all plumbing facilities						Locking some or all plumbing facilities				
	Total	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more
Owner occupied housing units	12 377	12 306	5 284	6 078	870	74	71	27	28	16	
PERSONS											
1 person	993	975	975	-	-	-	18	18	-	-	-
2 persons	2 998	2 989	2 906	78	-	5	9	9	-	-	-
3 persons	2 131	2 122	1 064	1 058	-	-	9	-	9	-	-
4 persons	2 534	2 525	246	2 264	10	5	9	-	9	-	-
5 persons	1 774	1 770	93	1 592	85	-	4	-	4	-	-
6 persons or more	1 947	1 925	-	1 086	775	64	22	-	6	16	-
Median	3.5	3.5	2.1	4.3	6.7	...	...	...	...	...	...
Units with roomers, boarders, or lodgers	135	135	58	67	10	-	-	-	-	-	-
YEAR STRUCTURE BUILT											
1969 to March 1970	620	613	174	411	28	-	7	-	7	-	-
1965 to 1968	2 524	2 524	823	1 463	225	13	-	-	-	-	-
1960 to 1964	2 271	2 271	753	1 276	213	29	-	-	-	-	-
1950 to 1959	2 226	2 220	878	1 190	138	14	6	-	-	6	-
1940 to 1949	800	792	431	306	55	-	8	-	-	8	-
1939 or earlier	3 940	3 892	2 306	1 319	241	26	48	23	25	-	-
INCOME IN 1969											
Less than \$2,000	518	505	440	50	15	-	13	-	-	-	-
\$2,000 to \$2,999	339	328	283	39	6	-	11	5	6	-	-
\$3,000 to \$3,999	339	339	273	61	5	-	-	-	-	-	-
\$4,000 to \$4,999	374	374	283	80	11	-	-	-	-	-	-
\$5,000 to \$5,999	338	338	231	100	7	-	-	-	-	-	-
\$6,000 to \$6,999	472	461	295	141	25	-	11	5	-	6	-
\$7,000 to \$9,999	2 285	2 268	980	1 100	174	14	17	4	13	-	-
\$10,000 to \$14,999	4 582	4 582	1 423	2 742	349	55	13	-	9	4	-
\$15,000 to \$24,999	2 644	2 638	852	1 539	242	5	6	-	-	6	-
\$25,000 or more	486	486	224	226	36	-	-	-	-	-	-
Median	\$11 700	\$11 700	\$9 600	\$12 700	\$12 800	...	...	...	...	...	...
VALUE-INCOME RATIO											
Specified owner occupied ¹	9 882	9 850	3 898	5 174	709	69	32	5	15	12	-
Less than 1.5	3 334	3 323	1 142	1 839	318	24	11	5	-	6	-
1.5 to 1.9	2 788	2 773	855	1 670	212	36	15	-	9	6	-
2.0 to 2.4	1 610	1 610	645	858	98	9	-	-	-	-	-
2.5 to 2.9	710	710	301	372	37	-	-	-	-	-	-
3.0 to 3.9	592	592	319	256	17	-	-	-	-	-	-
4.0 or more	789	783	597	159	27	-	6	-	6	-	-
Not computed	59	59	39	20	-	-	-	-	-	-	-
HEATING EQUIPMENT											
Steam or hot water	6 211	6 179	2 660	3 129	366	24	32	13	19	-	-
Warm-air furnace	5 242	5 229	2 163	2 556	465	45	13	-	9	4	-
Built-in electric units	358	358	126	216	16	-	-	-	-	-	-
Floor, wall, or pipeless furnace	33	33	22	9	2	-	-	-	-	-	-
Other means	533	507	313	168	21	5	26	14	-	12	-
None	-	-	-	-	-	-	-	-	-	-	-
Renter occupied housing units	7 468	7 085	3 319	3 232	427	107	383	86	282	-	15
PERSONS											
1 person	2 041	1 724	1 649	75	-	-	317	76	241	-	-
2 persons	2 271	2 248	1 451	797	-	-	23	10	8	-	5
3 persons	1 383	1 363	192	1 140	26	5	20	-	16	-	4
4 persons	814	811	27	740	28	16	5	-	5	-	-
5 persons	412	405	-	332	62	11	7	-	7	-	-
6 persons or more	545	534	-	148	311	75	11	-	5	-	6
Median	2.2	2.3	1.5	3.2	6.1	7.0	1.1	...	1.1	-	...
Units with roomers, boarders, or lodgers	169	164	58	101	-	5	5	-	5	-	-
YEAR STRUCTURE BUILT											
1969 to March 1970	632	632	314	303	15	-	-	-	-	-	-
1965 to 1968	665	665	285	327	41	12	-	-	-	-	-
1960 to 1964	290	290	110	167	13	-	-	-	-	-	-
1950 to 1959	206	206	121	73	12	-	-	-	-	-	-
1940 to 1949	376	376	161	172	28	15	-	-	-	-	-
1939 or earlier	5 316	4 973	2 308	2 217	358	90	343	91	239	-	13
INCOME IN 1969											
Less than \$2,000	896	768	604	144	16	4	128	40	88	-	-
\$2,000 to \$2,999	438	407	279	113	9	6	31	11	20	-	-
\$3,000 to \$3,999	494	460	258	185	10	7	34	9	25	-	-
\$4,000 to \$4,999	551	502	306	174	18	4	49	10	39	-	-
\$5,000 to \$5,999	559	541	241	232	48	20	18	-	18	-	-
\$6,000 to \$6,999	549	505	190	277	28	10	44	10	29	-	5
\$7,000 to \$9,999	1 733	1 707	625	928	122	32	26	6	20	-	-
\$10,000 to \$14,999	1 701	1 648	608	915	107	18	53	-	43	-	10
\$15,000 to \$24,999	460	460	184	229	41	6	-	-	-	-	-
\$25,000 or more	87	87	24	35	28	-	-	-	-	-	-
Median	\$7 400	\$7 600	\$5 900	\$8 600	\$9 100	\$7 200	\$4 000	...	\$4 200	-	...
GROSS RENT AS PERCENTAGE OF INCOME											
Specified renter occupied ²	7 419	7 036	3 291	3 211	427	107	383	86	282	-	15
Less than 10 percent	613	538	185	287	53	13	75	11	54	-	10
10 to 14 percent	1 475	1 421	606	695	93	27	54	5	49	-	-
15 to 19 percent	1 622	1 562	639	758	140	25	60	5	55	-	-
20 to 24 percent	986	946	366	538	32	10	40	16	19	-	5
25 to 34 percent	994	952	444	443	55	10	42	10	32	-	-
35 percent or more	1 477	1 381	900	405	54	22	96	33	63	-	-
Not computed	252	236	151	85	-	-	16	6	10	-	-
HEATING EQUIPMENT											
Steam or hot water	3 103	2 883	1 396	1 324	129	34	220	41	174	-	5
Warm-air furnace	1 889	1 825	700	921	182	22	64	-	54	-	10
Built-in electric units	372	372	183	178	11	-	-	-	-	-	-
Floor, wall, or pipeless furnace	34	34	23	4	7	-	-	-	-	-	-
Other means	2 065	1 971	1 017	805	98	51	94	45	49	-	-
None	5	-	-	-	-	-	5	-	5	-	-

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 A-5. Rooms in Owner and Renter Occupied Housing Units: 1970

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

The SMSA

	Total	1 room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Median
Owner occupied housing units	12 377	12	8	212	1 763	3 813	3 428	1 752	1 389	5.6
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	12 243	15	12	212	1 778	3 708	3 394	1 741	1 383	5.6
PERSONS										
1 person	993	-	8	110	228	271	210	110	56	5.1
2 persons	2 998	5	-	78	894	926	604	300	191	5.1
3 persons	2 131	-	-	14	329	724	627	302	135	5.5
4 persons	2 534	5	-	10	187	916	781	389	246	5.7
5 persons	1 774	-	-	-	85	576	511	346	256	5.9
6 persons or more	1 947	2	-	-	40	400	695	305	505	6.3
Median	3.5	...	...	1.5	2.2	3.5	3.8	3.9	4.8	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	12 306	12	8	208	1 750	3 774	3 413	1 752	1 389	5.6
0.50 or less	5 284	-	8	110	1 113	1 184	1 436	712	721	5.7
0.51 to 1.00	6 078	-	-	88	516	2 202	1 669	998	605	5.6
1.01 to 1.50	870	-	-	10	100	361	294	42	63	5.4
1.51 or more	74	12	-	-	21	27	14	-	-	...
Lacking some or all plumbing facilities	71	-	-	4	13	39	15	-	-	...
0.50 or less	27	-	-	-	9	13	5	-	-	...
0.51 to 1.00	28	-	-	4	-	14	10	-	-	...
1.01 to 1.50	16	-	-	-	4	12	-	-	-	...
1.51 or more	-	-	-	-	-	-	-	-	-	...
BEDROOMS										
None and 1	561	20	-	191	185	123	20	-	22	3.9
2	2 959	-	-	23	1 341	1 103	391	61	40	4.6
3	6 043	-	-	-	69	2 589	2 310	925	150	5.7
4 or more	2 683	-	-	-	-	118	607	791	1 167	7.3
YEAR STRUCTURE BUILT										
1969 to March 1970	623	-	-	-	122	273	75	100	53	5.2
1960 to 1968	4 732	-	-	50	643	1 688	1 226	580	545	5.5
1950 to 1959	2 244	5	-	32	371	730	715	245	146	5.5
1949 or earlier	4 778	7	8	130	627	1 122	1 412	827	645	5.9
COMPLETE BATHROOMS										
1 and 1 1/2	10 790	15	12	212	1 746	3 583	3 049	1 443	730	5.5
2 or more	1 453	-	-	-	32	125	345	298	653	7.3
None or also used by another household	138	-	-	5	33	59	29	6	6	5.0
VALUE-INCOME RATIO										
Specified owner occupied¹	9 882	12	-	39	1 093	3 054	2 859	1 576	1 249	5.8
Less than 1.5	3 334	2	-	15	316	1 066	1 098	447	390	5.7
1.5 to 1.9	2 788	5	-	5	295	972	760	439	312	5.7
2.0 to 2.9	2 320	5	-	5	258	677	603	423	349	5.9
3.0 or more	1 381	-	-	14	224	324	388	250	181	5.8
Not computed	59	-	-	-	-	15	10	17	17	...
Renter occupied housing units	7 468	336	458	1 652	2 258	1 705	716	216	127	4.1
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	7 004	67	414	1 603	2 254	1 642	671	214	139	4.1
PERSONS										
1 person	2 041	316	320	727	387	223	31	15	22	3.0
2 persons	2 271	5	92	713	913	386	97	43	22	3.9
3 persons	1 383	9	26	161	602	393	142	45	5	4.3
4 persons	816	-	16	28	238	307	161	39	27	4.9
5 persons	412	-	4	7	62	184	131	17	7	5.2
6 persons or more	545	6	-	16	56	212	154	57	44	5.4
Median	2.2	1.0	1.2	1.6	2.3	3.1	4.0	3.6	4.0	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	7 085	80	429	1 634	2 222	1 666	716	216	122	4.1
0.50 or less	3 319	-	295	713	1 274	588	270	103	76	4.0
0.51 to 1.00	3 232	75	88	870	830	866	367	90	46	4.2
1.01 to 1.50	427	-	26	28	107	194	54	18	-	4.8
1.51 or more	107	5	20	23	11	18	25	5	-	4.0
Lacking some or all plumbing facilities	383	256	29	18	36	39	-	-	5	1.2
0.50 or less	86	-	25	14	26	21	-	-	-	...
0.51 to 1.00	282	241	4	4	10	18	-	-	5	1.1
1.01 to 1.50	-	-	-	-	-	-	-	-	-	...
1.51 or more	15	15	-	-	-	-	-	-	-	...
BEDROOMS										
None	428	385	43	-	-	-	-	-	-	1.1
1	2 382	-	359	1 409	480	110	-	24	-	3.1
2	2 630	-	-	224	1 566	742	78	20	-	4.2
3 or more	1 998	-	-	-	25	944	806	157	66	5.5
YEAR STRUCTURE BUILT										
1969 to March 1970	631	4	13	204	313	64	33	-	-	3.8
1960 to 1968	925	15	88	248	262	233	58	11	10	3.9
1950 to 1959	201	-	-	28	56	74	38	5	-	4.7
1949 or earlier	5 711	317	357	1 172	1 627	1 334	587	200	117	4.1
COMPLETE BATHROOMS										
1 and 1 1/2	6 891	74	420	1 603	2 255	1 625	647	177	90	4.1
2 or more	133	-	-	-	6	17	24	37	49	7.0
None or also used by another household	461	235	65	59	54	26	6	9	7	1.5
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied²	7 419	336	458	1 652	2 258	1 685	716	203	111	4.1
Less than 10 percent	613	59	48	108	122	190	54	21	11	4.3
10 to 14 percent	1 475	64	57	263	508	380	168	25	10	4.2
15 to 19 percent	1 622	77	67	251	546	417	187	53	24	4.3
20 to 24 percent	986	20	56	224	343	190	101	37	15	4.1
25 to 34 percent	994	25	58	294	271	219	104	12	11	3.9
35 percent or more	1 477	81	161	469	425	218	70	39	14	3.6
Not computed	252	10	11	43	43	71	32	16	26	4.8

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 A-6. Units in Structure for Owner and Renter Occupied Housing Units: 1970

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

The SMSA	Owner occupied				Renter occupied							
	Total	1 unit	2 units or more	Mobile home or trailer	Total	1 unit	2 units	3 and 4 units	5 to 9 units	10 to 19 units	20 units or more	Mobile home or trailer
All occupied housing units	12 377	10 201	1 640	536	7 468	868	1 834	1 975	1 241	1 068	457	5
ROOMS												
1 room	12	12	-	-	336	11	12	28	97	134	54	-
2 rooms	8	3	5	-	458	12	18	79	69	155	125	-
3 rooms	212	39	112	61	1 652	45	205	467	413	406	116	-
4 rooms	1 763	1 117	304	342	2 258	172	616	674	369	272	150	5
5 rooms	3 813	3 151	548	114	1 705	298	640	469	199	87	12	-
6 rooms	3 428	2 983	430	15	716	179	259	192	72	14	-	-
7 rooms	1 752	1 598	150	4	216	81	74	39	22	-	-	-
8 rooms or more	1 389	1 298	91	-	127	90	10	27	-	-	-	-
Median	5.6	5.8	5.2	4.1	4.1	5.2	4.6	4.1	3.6	3.1	2.9	...
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	12 306	10 160	1 610	536	7 085	878	1 818	1 897	1 148	921	418	5
0.50 or less	5 284	4 017	935	332	3 319	329	793	955	474	463	300	5
0.51 to 1.00	6 078	5 332	566	180	3 232	445	888	799	564	418	118	-
1.01 to 1.50	870	737	109	24	427	100	108	109	79	31	-	-
1.51 or more	74	74	-	-	107	4	29	34	31	9	-	-
Lacking some or all plumbing facilities	71	41	30	-	383	10	16	78	93	147	39	-
0.50 or less	27	10	17	-	86	-	10	40	14	22	-	-
0.51 to 1.00	28	19	9	-	282	10	6	38	68	121	39	-
1.01 to 1.50	16	12	4	-	-	-	-	-	-	-	-	-
1.51 or more	-	-	-	-	15	-	-	-	11	4	-	-
BEDROOMS												
None	20	20	-	-	428	-	-	-	114	248	66	-
1	541	158	364	19	2 382	92	310	664	455	594	267	-
2	2 959	1 880	652	427	2 630	198	639	980	364	325	124	-
3	6 043	5 252	727	64	1 604	513	537	410	125	19	-	-
4 or more	2 683	2 545	138	-	394	130	120	75	69	-	-	-
YEAR STRUCTURE BUILT												
1969 to March 1970	623	497	-	126	631	94	39	12	14	324	148	-
1965 to 1968	2 505	2 219	30	256	635	112	72	56	78	263	54	-
1960 to 1964	2 227	2 076	38	113	290	82	72	36	35	45	15	5
1950 to 1959	2 244	2 135	78	31	201	91	38	45	16	11	-	-
1940 to 1949	783	712	71	-	354	96	78	43	105	32	-	-
1939 or earlier	3 995	2 562	1 423	10	5 357	413	1 535	1 783	993	393	240	-
INCOME IN 1969												
Less than \$2,000	518	298	182	38	896	50	191	269	154	138	94	-
\$2,000 to \$2,999	339	250	70	19	438	17	96	145	76	94	10	-
\$3,000 to \$3,999	339	221	94	24	494	21	90	163	115	75	30	-
\$4,000 to \$4,999	374	231	114	29	551	44	98	145	139	92	33	-
\$5,000 to \$5,999	338	218	86	34	559	53	94	158	139	75	40	-
\$6,000 to \$6,999	472	368	74	30	549	48	158	131	131	65	16	-
\$7,000 to \$9,999	2 285	1 846	310	129	1 733	230	478	468	290	177	85	5
\$10,000 to \$14,999	4 582	3 923	475	184	1 701	293	492	409	156	249	102	-
\$15,000 to \$24,999	2 544	2 370	229	45	460	109	116	65	33	90	47	-
\$25,000 or more	486	476	6	4	87	23	21	22	8	13	-	-
Median	\$11 700	\$12 100	\$8 900	\$9 200	\$7 400	\$9 800	\$8 200	\$6 800	\$6 000	\$6 900	\$7 200	...
YEAR MOVED INTO UNIT												
1969 to March 1970	1 459	1 181	107	171	3 045	380	599	524	555	723	264	-
1968	1 251	1 042	102	107	1 001	121	289	241	154	129	67	-
1967	886	786	40	60	746	40	231	218	144	83	22	8
1965 and 1966	1 763	1 578	81	104	709	130	170	233	121	48	7	-
1960 to 1964	2 534	2 264	194	76	794	83	260	289	127	11	24	-
1950 to 1959	2 419	2 124	276	19	695	75	218	245	77	35	46	-
1949 or earlier	2 069	1 260	809	-	494	36	164	174	66	12	42	-
GROSS RENT												
Specified renter occupied ¹	...	...	...	...	7 419	839	1 834	1 975	1 241	1 068	457	5
Less than \$50	...	...	...	...	290	11	19	68	59	64	57	-
\$50 to \$59	...	...	...	...	284	11	19	84	89	56	25	-
\$60 to \$69	...	...	...	...	463	21	92	78	78	65	40	-
\$70 to \$79	...	...	...	...	481	13	123	184	76	41	44	-
\$80 to \$99	...	...	...	...	1 324	29	333	500	347	98	17	-
\$100 to \$119	...	...	...	...	1 293	103	369	416	304	79	22	-
\$120 to \$149	...	...	...	...	1 448	131	466	387	215	187	62	-
\$150 to \$199	...	...	...	...	1 247	198	299	145	32	387	181	5
\$200 to \$299	...	...	...	...	387	210	51	16	21	80	9	-
\$300 or more	...	...	...	...	12	12	-	-	-	-	-	-
No cash rent	...	...	...	...	190	100	51	28	-	11	-	-
Median	...	...	...	...	\$112	\$163	\$116	\$100	\$97	\$140	\$131	...
HEATING EQUIPMENT												
Steam or hot water	6 211	5 337	856	18	3 103	426	724	617	614	408	314	-
Warm-air furnace	5 242	4 206	528	508	1 889	368	556	401	197	287	75	5
Built-in electric units	358	343	10	5	372	11	16	16	15	277	37	-
Floor, wall, or pipeless furnace	33	28	-	5	34	11	10	13	-	-	-	-
Other means	533	287	246	-	2 065	72	528	928	415	91	31	-
None	-	-	-	-	5	-	-	-	-	5	-	-
AIR CONDITIONING												
Room unit(s)	2 063	1 705	322	36	1 338	211	219	211	81	434	182	-
Central system	561	541	-	20	277	43	9	-	18	177	30	-
None	9 757	7 989	1 287	481	5 870	611	1 703	1 713	1 145	430	260	8
AUTOMOBILES AVAILABLE												
1	6 840	5 624	938	278	4 302	553	1 205	1 122	578	616	220	8
2	4 124	3 642	290	192	905	220	248	128	75	165	69	-
3 or more	491	427	47	17	91	-	29	6	17	30	9	-
None	926	542	334	50	2 187	92	449	668	574	230	174	-

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

Table A-7. Household Composition for Owner and Renter Occupied Housing Units: 1970

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

The SMSA	Two-or-more-person households										One-person households	
	Total	Male head, wife present, no nonrelatives					Other male head		Female head		Under 65 years	65 years and over
		Under 25 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Under 65 years	65 years and over	Under 65 years	65 years and over		
Owner occupied housing units	12 377	317	2 395	2 706	3 893	896	333	108	524	212	494	499
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	12 306	312	2 391	2 686	3 884	891	327	108	520	212	489	486
0.50 or less	5 284	92	372	402	2 023	683	145	97	314	181	489	486
0.51 to 1.00	6 078	216	1 753	1 847	1 680	189	174	11	177	31	-	-
1.01 to 1.50	870	4	251	390	169	19	8	-	29	-	-	-
1.51 or more	74	-	15	47	12	-	-	-	-	-	-	-
Lacking some or all plumbing facilities	71	5	4	20	9	5	6	-	4	-	5	13
0.50 or less	27	-	-	-	-	5	-	-	4	-	5	13
0.51 to 1.00	28	5	4	10	9	-	-	-	-	-	-	-
1.01 to 1.50	16	-	-	10	-	-	6	-	-	-	-	-
1.51 or more	-	-	-	-	-	-	-	-	-	-	-	-
UNITS IN STRUCTURE												
1	10 201	242	2 168	2 480	3 230	583	278	84	430	154	308	244
2 or more	1 640	21	142	187	501	252	50	24	77	53	109	224
Mobile home or trailer	536	54	85	39	162	61	5	-	17	5	77	31
INCOME IN 1969												
Less than \$2,000	518	9	10	15	17	49	19	10	50	28	46	265
\$2,000 to \$2,999	339	5	4	20	20	119	5	12	44	-	33	77
\$3,000 to \$3,999	339	11	24	9	34	90	10	5	20	24	76	42
\$4,000 to \$4,999	374	4	4	15	41	146	12	11	48	21	46	19
\$5,000 to \$5,999	338	11	41	27	40	69	-	-	29	32	63	33
\$6,000 to \$6,999	472	135	546	402	727	113	43	19	41	15	57	14
\$7,000 to \$9,999	2 285	4 582	1 277	1 238	1 509	112	33	25	158	41	81	24
\$10,000 to \$14,999	4 582	112	1 277	1 238	1 509	112	129	21	80	34	55	15
\$15,000 to \$24,999	2 644	25	409	761	1 160	117	71	5	40	17	29	10
\$25,000 or more	486	-	39	167	224	23	11	-	14	-	8	-
Median	\$11 700	\$9 500	\$12 100	\$13 300	\$13 100	\$5 600	\$11 700	\$6 800	\$7 600	\$6 100	\$5 700	\$2000-
VALUE-INCOME RATIO												
Specified owner occupied ¹	9 882	233	2 119	2 437	3 121	561	253	84	399	149	293	233
Less than 1.5	3 334	29	467	854	1 596	151	92	5	60	27	43	10
1.5 to 1.9	2 788	88	834	864	772	54	50	17	40	21	39	9
2.0 to 2.4	1 610	40	473	346	440	71	35	29	90	27	29	30
2.5 to 2.9	710	45	175	158	142	48	26	12	39	26	23	16
3.0 to 3.9	592	17	111	140	118	59	5	4	63	9	46	20
4.0 or more	789	14	59	65	48	178	39	12	91	39	101	143
Not computed	59	-	-	10	5	-	6	5	16	-	12	5
Renter occupied housing units	7 468	807	1 389	627	966	418	279	29	791	121	1 302	739
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	7 085	802	1 371	616	954	408	274	29	786	121	1 068	656
0.50 or less	3 319	206	277	84	394	196	103	19	308	83	1 013	636
0.51 to 1.00	3 232	560	932	347	480	212	164	10	414	38	55	20
1.01 to 1.50	427	26	131	159	64	40	7	-	40	-	-	-
1.51 or more	107	10	31	26	16	10	-	-	24	-	-	-
Lacking some or all plumbing facilities	383	5	18	11	12	10	5	-	5	-	234	83
0.50 or less	86	-	-	-	-	10	-	-	-	-	56	20
0.51 to 1.00	282	5	18	5	8	-	-	-	5	-	178	63
1.01 to 1.50	-	-	-	-	-	-	-	-	-	-	-	-
1.51 or more	15	-	-	6	4	-	5	-	-	-	-	-
UNITS IN STRUCTURE												
1	888	79	226	170	113	38	74	-	69	16	50	53
2 to 4	3 809	440	744	305	587	260	99	23	410	65	503	373
5 to 19	2 309	247	348	145	235	111	101	6	289	30	582	215
20 or more	457	41	71	7	31	9	5	-	23	10	162	98
Mobile home or trailer	5	-	-	-	-	-	-	-	-	-	5	-
GROSS RENT												
Specified renter occupied ²	7 419	807	1 378	627	959	412	269	29	791	116	1 297	734
Less than \$50	290	-	7	8	8	5	-	9	6	9	297	153
\$50 to \$59	284	18	-	-	23	21	5	-	19	10	102	86
\$60 to \$69	463	23	9	11	45	58	5	-	14	12	183	103
\$70 to \$79	481	10	28	17	49	26	10	-	69	18	150	104
\$80 to \$99	1 324	119	192	71	195	145	40	9	180	37	273	63
\$100 to \$119	1 293	209	292	132	198	47	52	-	184	19	93	67
\$120 to \$149	1 448	246	290	145	172	71	51	11	191	11	216	44
\$150 to \$199	1 247	161	379	119	163	24	74	-	108	-	166	53
\$200 to \$299	387	16	144	96	51	10	21	-	20	-	29	-
\$300 or more	12	-	-	-	7	-	5	-	-	-	-	-
No cash rent	190	5	37	28	48	5	6	-	-	-	-	61
GROSS RENT AS PERCENTAGE OF INCOME BY INCOME												
Specified renter occupied ²	7 419	807	1 378	627	959	412	269	29	791	116	1 297	734
Less than \$5,000	2 369	105	67	28	85	248	51	15	423	64	647	636
Less than 20 percent	190	5	-	-	16	5	-	-	15	6	103	40
20 to 24 percent	207	9	9	4	9	26	7	-	43	7	72	29
25 to 34 percent	458	28	30	5	24	84	7	-	77	5	111	87
35 percent or more	1 382	63	24	19	32	128	27	15	284	48	322	420
Not computed	132	-	4	-	4	5	-	-	4	-	39	60
\$5,000 to \$9,999	2 825	470	670	271	336	96	122	14	269	38	454	85
Less than 20 percent	1 582	254	336	123	227	63	57	9	112	34	323	44
20 to 24 percent	604	105	171	82	67	23	28	5	62	4	57	-
25 to 34 percent	499	105	127	37	16	10	37	-	81	-	60	26
35 percent or more	95	6	16	17	15	-	-	-	14	-	14	9
Not computed	45	-	-	-	11	-	-	-	-	-	-	6
\$10,000 to \$14,999	1 689	217	529	202	361	47	53	-	83	14	170	13
Less than 20 percent	1 427	197	417	171	326	37	42	-	73	14	144	6
20 to 24 percent	169	11	84	20	6	10	-	-	10	-	21	7
25 percent or more	37	4	11	6	5	-	11	-	-	-	5	-
Not computed	56	-	-	-	29	-	-	-	-	-	-	-
\$15,000 or more	536	15	112	126	177	21	43	-	16	-	26	-
Less than 20 percent	511	15	112	109	169	21	43	-	16	-	26	-
20 to 24 percent	6	-	-	6	-	-	-	-	-	-	-	-
25 percent or more	-	-	-	-	-	-	-	-	-	-	-	-
Not computed	19	-	-	11	8	-	-	-	-	-	-	-

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 A-8. Persons in Owner and Renter Occupied Housing Units: 1970

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

The SMSA

	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons or more	Median
Owner occupied housing units	12 377	993	2 998	2 131	2 534	1 774	989	619	339	3.5
BEDROOMS										
None	561	184	298	39	-	-	-	20	20	1.8
1	2 959	540	1 184	719	349	106	42	19	-	2.3
2	6 043	124	977	1 139	1 820	1 214	532	196	41	3.9
3 or more	2 683	71	402	350	425	374	452	334	275	4.8
YEAR STRUCTURE BUILT										
1969 to March 1970	623	16	120	178	158	79	48	18	6	3.5
1965 to 1968	2 505	81	436	364	676	488	267	108	85	4.0
1960 to 1964	2 227	139	404	332	447	483	231	140	51	4.0
1950 to 1959	2 244	70	548	420	583	285	173	109	56	3.6
1940 to 1949	783	85	291	122	96	68	33	74	14	2.8
1939 or earlier	3 995	602	1 199	715	574	371	237	170	127	2.6
UNITS IN STRUCTURE										
1	10 201	552	2 255	1 738	2 277	1 604	911	563	301	3.7
2 or more	1 640	333	497	296	219	142	72	43	38	2.5
Mobile home or trailer	536	108	246	97	38	28	6	13	-	2.2
COMPLETE BATHROOMS										
1 and 1 1/2	10 790	971	2 761	1 940	2 105	1 482	837	461	233	3.4
2 and 2 1/2	1 315	45	187	117	332	280	116	135	103	4.4
3 or more	138	6	32	13	25	26	22	7	7	4.2
None or also used by another household	138	15	25	30	37	8	15	6	-	3.5
HOUSEHOLD COMPOSITION										
Two-or-more-person households	11 384		2 998	2 131	2 534	1 774	989	619	339	3.7
Male head, wife present, no nonrelatives	10 207	...	2 445	1 845	2 413	1 657	939	578	330	3.8
Under 25 years	317	...	82	122	77	36	-	-	-	3.1
25 to 34 years	2 395	...	186	404	808	552	251	153	41	4.3
35 to 44 years	2 706	...	156	258	709	629	311	311	190	4.9
45 to 64 years	3 893	...	1 362	911	778	424	215	104	99	3.1
65 years and over	896	...	259	150	41	16	20	10	4	2.2
Other male head	441	...	173	106	55	73	17	13	4	2.9
Under 65 years	333	...	91	91	44	73	17	13	4	3.3
65 years and over	108	...	82	15	11	-	-	-	-	2.2
Female head	736	...	360	180	66	44	33	28	5	2.5
Under 65 years	524	...	230	133	55	40	33	28	5	2.7
65 years and over	212	...	150	47	11	4	-	-	-	2.2
One-person households	993	993								1.0
VALUE-INCOME RATIO										
Specified owner occupied¹	9 882	526	2 187	1 693	2 196	1 559	879	553	289	3.7
Less than 1.5	3 334	53	650	630	814	485	366	194	142	3.9
1.5 to 1.9	2 788	48	512	451	720	532	253	203	69	4.0
2.0 to 2.4	1 610	59	385	312	292	320	135	67	40	3.7
2.5 to 2.9	710	39	166	101	187	121	42	34	20	3.8
3.0 to 3.9	592	66	162	116	95	66	52	27	8	3.1
4.0 or more	789	244	296	73	83	24	31	28	10	2.0
Not computed	59	17	16	10	5	11	-	-	-	...
Renter occupied housing units	7 468	2 041	2 271	1 383	816	412	267	178	100	2.2
BEDROOMS										
None	428	411	-	17	-	-	-	-	-	1.0
1	2 382	1 206	975	164	20	-	17	-	-	1.5
2	2 630	309	983	833	310	126	46	23	-	2.5
3 or more	1 998	247	318	253	420	363	182	192	23	3.9
YEAR STRUCTURE BUILT										
1969 to March 1970	631	125	276	109	86	21	9	5	-	2.2
1965 to 1968	635	169	210	113	68	19	4	5	10	2.2
1960 to 1964	290	73	53	90	35	28	11	-	-	2.7
1950 to 1959	201	16	80	51	26	13	5	10	-	2.6
1940 to 1949	354	75	94	66	57	32	12	-	18	2.6
1939 or earlier	5 357	1 583	1 558	954	544	299	189	158	72	2.2
UNITS IN STRUCTURE										
1	888	103	182	183	136	113	86	59	26	3.4
2	1 834	329	500	443	286	141	75	36	24	2.7
3 and 4	1 975	547	633	338	229	100	55	55	18	2.2
5 to 9	1 241	314	446	250	90	46	40	28	27	2.2
10 to 19	1 068	483	355	135	67	12	11	-	5	1.6
20 or more	457	260	155	34	8	-	-	-	-	1.4
Mobile home or trailer	5	5	-	-	-	-	-	-	-	...
COMPLETE BATHROOMS										
1 and 1 1/2	6 891	1 647	2 162	1 358	805	392	280	152	95	2.3
2 or more	133	26	31	22	35	-	-	-	19	2.9
None or also used by another household	461	332	66	33	9	-	-	7	14	1.2
HOUSEHOLD COMPOSITION										
Two-or-more-person households	5 427		2 271	1 383	816	412	267	178	100	2.8
Male head, wife present, no nonrelatives	4 207	...	1 620	1 085	657	362	247	157	79	2.9
Under 25 years	807	...	358	297	117	23	7	5	-	2.7
25 to 34 years	1 389	...	360	403	280	182	104	55	5	3.3
35 to 44 years	627	...	130	67	110	119	94	69	38	4.6
45 to 64 years	966	...	431	256	144	34	42	28	31	2.7
65 years and over	418	...	341	62	6	4	-	-	5	2.1
Other male head	308	...	171	77	33	7	6	6	-	2.4
Under 65 years	279	...	146	77	29	14	7	6	-	2.5
65 years and over	29	...	25	4	-	-	-	-	-	...
Female head	912	...	480	221	126	36	13	15	21	2.5
Under 65 years	791	...	378	207	121	36	13	15	21	2.6
65 years and over	121	...	102	14	5	-	-	-	-	2.1
One-person households	2 041	2 041								1.0
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied²	7 419	2 031	2 253	1 378	816	467	261	178	95	2.2
Less than 10 percent	613	107	220	122	53	47	36	11	17	2.4
10 to 14 percent	1 475	267	504	295	209	90	54	36	17	2.4
15 to 19 percent	1 622	312	485	354	196	111	65	64	35	2.5
20 to 24 percent	986	186	291	231	149	74	29	21	5	2.6
25 to 34 percent	994	289	332	146	106	44	50	27	5	2.1
35 percent or more	1 477	765	366	188	85	18	15	19	21	1.5
Not computed	252	165	55	39	18	23	12	-	-	1.9

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 A-9. Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1970

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

The SMSA					The SMSA				
	Total	Less than 2 months	2 up to 6 months	6 months or more		Total	Less than 2 months	2 up to 6 months	6 months or more
Vacant for sale	198	92	79	27	Vacant for rent	745	500	184	61
ROOMS					ROOMS				
1 to 3 rooms	6	-	6	-	1 room	47	38	4	5
4 rooms	19	-	6	13	2 rooms	18	13	5	-
5 rooms	83	34	49	-	3 rooms	197	174	16	7
6 rooms	41	27	14	-	4 rooms	352	226	85	41
7 rooms or more	49	31	4	14	5 rooms	103	25	74	4
					6 rooms	22	18	-	4
					7 rooms or more	6	6	-	-
PLUMBING FACILITIES					PLUMBING FACILITIES				
With all plumbing facilities	198	92	79	27	With all plumbing facilities	706	461	184	61
Lacking some or all plumbing facilities	-	-	-	-	Lacking some or all plumbing facilities	39	39	-	-
BEDROOMS					BEDROOMS				
None and 1	-	-	-	-	None	33	33	-	-
2	52	-	35	17	1	311	251	18	42
3	103	86	17	-	2	396	260	120	16
4 or more	52	36	-	16	3 or more	49	49	-	-
YEAR STRUCTURE BUILT					YEAR STRUCTURE BUILT				
1969 to March 1970	130	66	51	13	1969 to March 1970	404	231	143	30
1960 to 1968	23	9	14	-	1960 to 1968	47	43	4	-
1950 to 1959	10	10	-	-	1950 to 1959	11	4	7	-
1949 or earlier	35	7	14	14	1949 or earlier	283	222	30	31
UNITS IN STRUCTURE					UNITS IN STRUCTURE				
1	192	92	73	27	1	62	43	19	-
2 or more	6	-	6	-	2 to 4	173	130	28	15
					5 to 9	130	101	17	12
					10 to 19	272	183	89	-
					20 or more	108	43	31	34
HEATING EQUIPMENT					RENT ASKED				
Steam or hot water	85	64	16	5	Specified vacant for rent²	741	500	180	61
Warm-air furnace	103	22	59	22	Less than \$50	20	8	4	8
Built-in electric units	6	6	-	-	\$50 to \$59	14	6	4	4
Floor, wall, or pipeless furnace	4	-	4	-	\$60 to \$79	119	106	13	-
Other means	-	-	-	-	\$80 to \$99	61	52	9	-
None	-	-	-	-	\$100 to \$119	34	22	-	12
					\$120 to \$149	58	51	7	-
					\$150 to \$199	334	229	80	25
					\$200 or more	101	26	63	12
					Median rent asked	\$160	\$151	\$183	...
SALES PRICE ASKED									
Specified vacant for sale¹	185	92	66	27					
Less than \$5,000	-	-	-	-					
\$5,000 to \$9,999	4	-	4	-					
\$10,000 to \$14,999	8	4	4	-					
\$15,000 to \$19,999	66	25	23	18					
\$20,000 to \$24,999	48	23	20	5					
\$25,000 to \$34,999	24	9	11	4					
\$35,000 to \$49,999	35	31	4	-					
\$50,000 or more	-	-	-	-					
Median price asked	\$21 500	...	...	...		

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 A-10. Sales Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1970

[Data based on sample, see text. For meaning of symbols, see text]

The SMSA	Sales price asked - Vacant for sale ¹							Rent asked - Vacant for rent ²						
	Total	Less than \$10,000	\$10,000 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 or more	Total	Less than \$60	\$60 to \$79	\$80 to \$99	\$100 to \$149	\$150 to \$199	\$200 or more
Total	185	4	8	66	48	24	35	741	34	119	61	92	334	101
PLUMBING FACILITIES														
With all plumbing facilities	207	-	38	70	31	32	36	740	-	97	91	47	359	146
Lacking some or all plumbing facilities	-	-	-	-	-	-	-	49	-	33	-	16	-	-
BEDROOMS														
None and 1	-	-	-	-	-	-	-	344	-	82	57	16	147	42
2	52	-	17	35	-	-	-	396	-	48	34	31	179	104
3	103	-	-	35	31	16	21	18	-	-	-	-	18	-
4 or more	52	-	21	-	-	16	15	31	-	-	-	16	15	-
YEAR STRUCTURE BUILT														
1969 to March 1970	130	-	-	41	34	20	35	404	-	50	-	-	260	94
1960 to 1968	16	-	-	13	3	-	-	47	-	-	-	18	29	-
1950 to 1959	10	-	-	4	6	-	-	7	-	-	-	3	4	-
1949 or earlier	29	4	8	8	5	4	-	283	34	69	61	71	41	7
UNITS IN STRUCTURE														
1 .....	...	...	...	...	...	...	...	58	-	-	6	-	38	14
2 to 4 .....	...	...	...	...	...	...	...	173	12	31	47	33	37	13
5 to 9 .....	...	...	...	...	...	...	...	402	18	79	8	59	175	63
20 or more .....	...	...	...	...	...	...	...	108	4	9	-	-	84	11
INCLUSION OF UTILITIES IN RENT														
All utilities included .....	...	...	...	...	...	...	...	193	18	71	6	26	49	23
Some or no utilities included .....	...	...	...	...	...	...	...	548	16	48	55	66	285	78

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 B-1. Value of Owner Occupied Housing Units: 1970

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

Nashua	Total	Less than \$5,000	\$5,000 to \$7,499	\$7,500 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)
Specified owner occupied¹	8 087	15	65	170	431	797	2 985	1 961	1 095	425	143	19 400
ROOMS												
1 and 2 rooms	12	-	-	2	-	-	-	5	5	-	-	...
3 rooms	29	-	5	-	5	-	9	-	5	-	5	...
4 rooms	882	5	19	32	98	195	358	149	18	8	-	16 200
5 rooms	2 487	-	16	41	101	223	1 378	610	107	6	5	18 500
6 rooms	2 290	5	6	61	143	200	892	724	224	27	8	19 300
7 rooms	1 337	5	13	14	70	137	223	325	422	109	19	23 200
8 rooms or more	1 050	-	6	20	14	42	125	148	314	275	106	30 400
Median	5.8	...	...	5.7	5.6	5.4	5.3	5.8	6.9	7.5+	7.5+	...
PERSONS												
1 person	460	5	24	18	58	80	133	77	48	9	8	17 300
2 persons	1 797	5	21	51	139	248	654	385	148	99	47	18 200
3 persons	1 415	-	8	37	76	161	545	338	173	45	32	19 200
4 persons	1 800	-	6	15	57	102	719	502	301	84	14	20 000
5 persons	1 286	-	-	27	45	83	502	315	205	88	21	19 900
6 persons or more	1 329	5	6	22	56	123	432	344	220	100	21	20 300
Median	3.7	...	...	2.9	2.7	2.9	3.7	3.9	4.1	4.2	3.0	...
Units with roomers, boarders, or lodgers	76	5	-	10	-	-	44	5	6	6	-	...
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	8 082	15	65	170	431	797	2 980	1 961	1 095	425	143	19 400
0.50 or less	3 259	10	48	101	244	408	994	702	412	238	102	19 200
0.51 to 1.00	4 235	5	17	49	151	324	1 726	1 130	631	166	36	19 700
1.01 to 1.50	525	-	-	13	31	59	240	109	47	21	5	18 400
1.51 or more	63	-	-	7	5	20	20	5	5	-	-	...
Lacking some or all plumbing facilities	5	-	-	-	-	-	5	-	-	-	-	...
0.50 or less	-	-	-	-	-	-	-	-	-	-	-	...
0.51 to 1.00	5	-	-	-	-	-	5	-	-	-	-	...
1.01 to 1.50	-	-	-	-	-	-	-	-	-	-	-	...
1.51 or more	-	-	-	-	-	-	-	-	-	-	-	...
BEDROOMS												
None and 1	178	-	-	20	21	38	21	21	41	-	16	...
2	1 483	-	21	35	126	239	611	349	41	40	21	17 300
3	4 107	-	20	59	236	432	1 787	926	458	147	42	19 000
4 or more	2 166	-	19	-	81	168	462	558	489	348	41	23 200
YEAR STRUCTURE BUILT												
1969 to March 1970	418	-	-	-	-	5	150	141	64	47	11	21 900
1965 to 1968	1 731	-	6	-	-	28	697	502	335	133	30	21 300
1960 to 1964	1 672	-	-	7	33	116	605	522	272	96	21	20 700
1950 to 1959	1 734	-	-	25	96	150	740	442	189	75	17	19 100
1940 to 1949	546	5	10	29	35	113	200	88	37	12	17	16 400
1939 or earlier	1 986	10	49	109	267	385	593	266	198	62	47	16 400
COMPLETE BATHROOMS												
1 and 1 1/2	6 921	18	63	199	397	770	2 821	1 704	807	113	29	18 800
2 and 2 1/2	1 018	-	-	-	17	6	132	277	287	236	63	27 700
3 or more	117	-	-	-	-	-	6	6	-	46	59	...
None or also used by another household	32	-	-	-	6	-	20	-	6	-	-	...
HOUSEHOLD COMPOSITION												
Two-or-more-person households	7 627	10	41	152	373	717	2 852	1 884	1 047	416	135	19 500
Male head, wife present, no nonrelatives	6 943	5	41	112	334	611	2 566	1 746	1 005	398	125	19 700
Under 25 years	214	-	-	-	5	14	87	93	15	-	-	20 100
25 to 34 years	1 758	5	-	15	30	71	766	518	286	52	15	20 000
35 to 44 years	1 910	-	6	17	63	154	573	548	358	152	39	21 300
45 to 64 years	2 560	-	22	45	190	258	1 003	544	279	153	66	18 700
65 years and over	501	-	13	35	46	137	43	67	41	5	5	16 400
Other male head	240	5	-	13	9	22	98	53	25	5	10	19 100
Under 65 years	181	-	-	8	4	9	86	44	20	5	5	19 300
65 years and over	59	5	-	5	5	13	12	9	5	-	5	...
Female head	444	-	-	27	30	84	188	85	17	13	-	17 600
Under 65 years	320	-	-	18	12	54	150	67	13	6	-	18 100
65 years and over	124	-	-	9	18	30	38	18	4	7	-	15 500
One-person households	460	5	24	18	58	80	133	77	48	9	8	17 300
Under 65 years	256	5	9	5	19	53	66	49	38	4	8	18 000
65 years and over	204	-	15	13	39	27	67	28	10	5	-	16 100
INCOME IN 1969												
Less than \$2,000	262	5	5	22	40	32	85	22	33	13	5	17 700
\$2,000 to \$2,999	193	-	6	10	33	20	75	32	14	-	3	17 500
\$3,000 to \$3,999	582	5	19	5	17	35	58	19	24	-	-	15 900
\$4,000 to \$4,999	156	-	5	28	20	18	52	29	4	-	-	15 500
\$5,000 to \$5,999	178	5	-	25	15	26	46	37	19	5	5	16 500
\$6,000 to \$6,999	256	-	-	16	35	67	76	43	10	4	5	16 500
\$7,000 to \$9,999	1 519	-	8	32	81	204	751	367	55	16	5	18 100
\$10,000 to \$14,999	3 017	-	12	24	137	266	1 318	830	328	92	10	19 300
\$15,000 to \$24,999	1 917	-	6	8	43	121	467	519	512	210	31	23 000
\$25,000 or more	407	-	4	-	10	8	57	63	96	85	84	31 400
Median	\$12 200	...	...	\$5 800	\$9 100	\$9 900	\$11 300	\$12 600	\$16 200	\$18 900	\$29 500	...
YEAR MOVED INTO UNIT												
1969 to March 1970	948	-	6	7	23	21	308	362	147	60	14	21 500
1968	893	6	-	12	51	325	223	199	47	30	21 200	
1967	636	-	-	8	21	16	291	152	89	53	6	19 800
1965 and 1966	1 166	-	6	6	17	66	488	295	193	81	14	20 000
1960 to 1964	1 779	-	-	9	67	187	645	477	276	77	41	19 900
1950 to 1959	1 708	7	13	71	144	242	669	335	158	46	23	17 700
1949 or earlier	958	5	38	86	148	193	253	143	38	31	23	15 100
HEATING EQUIPMENT												
Steam or hot water	4 507	5	16	80	204	351	1 568	1 133	786	290	74	20 100
Warm-air furnace	3 141	-	35	66	195	429	1 320	732	228	99	37	18 500
Built-in electric units	234	-	6	4	5	30	61	61	66	36	26	26 700
Floor, wall, or pipeless furnace	23	-	-	-	4	2	8	4	5	-	-	...
Other means	182	10	8	20	23	15	59	31	10	-	6	16 300
None	-	-	-	-	-	-	-	-	-	-	-	...
AIR CONDITIONING												
Room units	1 448	-	24	9	57	127	413	401	261	94	62	21 200
Central system	504	-	-	-	-	24	204	161	56	6	53	20 700
None	6 136	18	39	190	363	625	2 362	1 425	783	295	36	19 000

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

Table B-2. Gross Rent of Renter Occupied Housing Units: 1970

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

Nashua	Total	Less than \$50	\$50 to \$59	\$60 to \$69	\$70 to \$79	\$80 to \$99	\$100 to \$119	\$120 to \$149	\$150 to \$199	\$200 to \$299	\$300 or more	No cash rent	Median (dollars)
Specified renter occupied¹	6 758	272	284	463	474	1 287	1 222	1 268	999	324	12	153	109
ROOMS													
1 room	336	97	40	101	26	53	9	5	-	-	-	5	63
2 rooms	417	29	68	50	45	53	77	42	-	-	-	-	84
3 rooms	1 509	101	48	129	137	307	247	279	220	25	-	16	102
4 rooms	2 069	31	82	129	140	442	399	339	388	97	-	22	110
5 rooms	1 477	10	41	38	98	306	322	291	199	120	-	52	114
6 rooms	679	4	-	16	7	91	142	222	123	39	5	21	128
7 rooms	182	-	5	-	12	35	50	31	16	22	-	11	113
8 rooms or more	89	-	-	-	-	-	-	24	11	21	7	26	-
Median	4.0	2.6	3.2	3.1	3.7	4.0	4.3	4.3	4.1	4.8	...	5.1	...
PERSONS													
1 person	1 914	231	188	286	247	325	160	217	182	29	-	49	79
2 persons	2 067	33	52	108	121	472	424	382	383	57	-	35	111
3 persons	1 200	4	22	53	52	201	251	325	193	65	5	29	120
4 persons	731	4	8	6	26	114	217	137	111	90	-	18	118
5 persons	353	-	9	10	7	88	58	92	51	21	7	10	120
6 persons or more	493	-	5	-	21	87	112	115	79	62	-	12	124
Median	2.2	1.1	1.3	1.3	1.5	2.2	2.6	2.6	2.3	3.6	...	2.3	...
Units with roomers, boarders, or lodgers	150	5	-	10	13	22	32	46	16	-	-	6	114
PLUMBING FACILITIES BY PERSONS PER ROOM													
With all plumbing facilities	6 380	160	217	366	434	1 258	1 209	1 253	999	324	12	148	111
0.50 or less	3 034	139	146	232	290	613	468	498	474	84	5	85	102
0.51 to 1.00	2 860	21	66	125	118	537	627	643	453	200	7	63	117
1.01 to 1.50	986	-	5	5	21	81	74	97	68	35	-	-	122
1.51 or more	100	-	-	4	5	27	40	15	4	5	-	-	107
Lacking some or all plumbing facilities	378	112	67	97	40	29	13	15	-	-	-	5	61
0.50 or less	86	15	32	19	10	4	6	-	-	-	-	-	...
0.51 to 1.00	277	93	35	78	30	19	7	10	-	-	-	5	61
1.01 to 1.50	-	-	-	-	-	-	-	-	-	-	-	-	-
1.51 or more	15	4	-	-	-	6	-	5	-	-	-	-	-
BEDROOMS													
None	428	134	45	93	85	71	-	-	-	-	-	-	64
1	2 134	122	159	242	154	481	317	411	229	-	-	19	94
2	2 354	21	68	146	107	526	516	429	404	137	-	-	112
3 or more	1 775	-	20	52	91	306	353	525	265	128	17	18	123
YEAR STRUCTURE BUILT													
1969 to March 1970	582	-	-	-	-	-	10	32	382	147	-	11	182
1965 to 1968	484	6	5	-	15	21	19	155	166	97	-	-	156
1960 to 1964	205	34	16	-	-	6	-	35	99	5	5	5	155
1950 to 1959	125	-	-	5	-	4	33	28	35	15	-	5	139
1940 to 1949	279	26	44	5	10	74	39	44	18	-	-	19	94
1939 or earlier	5 083	206	219	453	449	1 182	1 121	974	299	60	7	113	100
ELEVATOR IN STRUCTURE													
4 floors or more	352	22	19	104	67	68	47	25	-	-	-	-	...
With elevator	131	-	-	19	45	19	23	25	-	-	-	-	...
Walk-up	221	22	19	85	22	49	24	-	-	-	-	-	...
1 to 3 floors	6 339	255	273	429	370	1 316	1 139	1 340	898	265	17	37	109
COMPLETE BATHROOMS													
1 and 1 1/2	6 211	154	189	348	441	1 190	1 189	1 194	1 037	307	9	153	112
2 or more	96	-	-	-	-	8	15	-	6	36	-	31	...
None or also used by another household	461	114	80	99	45	47	27	43	-	-	-	6	63
INCOME IN 1969													
Less than \$2,000	866	146	79	109	105	172	89	93	34	-	-	39	78
\$2,000 to \$2,999	399	22	62	54	35	98	59	48	16	-	-	5	84
\$3,000 to \$3,999	476	31	38	69	42	108	81	58	20	18	-	11	88
\$4,000 to \$4,999	526	5	27	74	45	129	87	98	56	-	-	5	97
\$5,000 to \$5,999	524	20	18	30	47	107	130	96	56	20	-	-	106
\$6,000 to \$6,999	514	10	11	51	56	108	88	88	70	15	-	17	103
\$7,000 to \$9,999	1 518	17	27	19	95	296	391	384	221	57	-	11	115
\$10,000 to \$14,999	1 448	21	22	52	49	229	230	315	359	120	5	46	129
\$15,000 to \$24,999	410	-	-	5	-	30	57	73	156	70	-	19	160
\$25,000 or more	77	-	-	-	-	10	10	15	11	24	7	-	...
Median	\$7 100	\$2000-	\$3 000	\$4 000	\$5 200	\$6 300	\$7 600	\$8 200	\$10 400	\$12 200	...	\$7 000	...
YEAR MOVED INTO UNIT													
1969 to March 1970	2 741	65	51	126	102	405	448	545	709	265	-	25	129
1968	829	13	13	29	67	105	181	238	144	33	-	6	120
1967	663	-	32	62	18	142	172	155	69	13	-	-	109
1965 and 1966	633	59	25	18	83	149	116	82	41	7	-	53	95
1960 to 1964	756	46	69	67	73	186	142	82	37	14	9	31	89
1950 to 1959	738	38	41	111	89	175	131	73	16	11	-	53	89
1949 or earlier	408	47	38	34	54	83	41	62	27	-	-	22	84
GROSS RENT AS PERCENTAGE OF INCOME													
Less than 10 percent	579	59	44	62	54	182	77	61	27	13	-	...	87
10 to 14 percent	1 342	35	45	80	140	312	321	221	155	33	-	...	104
15 to 19 percent	1 461	15	36	94	69	234	310	343	295	58	7	...	118
20 to 24 percent	856	16	29	48	38	124	176	195	152	78	-	...	120
25 to 34 percent	920	60	41	52	53	141	112	176	195	85	5	...	120
35 percent or more	1 385	87	84	123	106	273	220	265	170	57	-	...	102
Not computed	215	-	5	4	14	21	6	7	5	-	-	153	...
AIR CONDITIONING													
Room unit(s)	1 217	-	6	50	67	127	92	205	466	147	-	57	154
Central system	269	-	-	-	-	5	-	24	135	82	-	23	185
None	5 282	268	263	397	419	1 113	1 139	1 008	442	114	9	110	102

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

Table B-3. Income in 1969 of Families and Primary Individuals in Owner and Renter Occupied Housing Units: 1970

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

Nashua	Total	Less than \$2,000	\$2,000 to \$2,999	\$3,000 to \$3,999	\$4,000 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$9,999	\$10,000 to \$14,999	\$15,000 to \$24,999	\$25,000 or more	Median
												(dollars)
Owner occupied housing units	10 202	485	287	288	271	288	356	1 939	3 660	2 189	439	11 600
ROOMS												
1 and 2 rooms	20	--	--	--	--	--	--	--	17	3	--	...
3 rooms	168	43	21	4	13	10	15	15	28	14	5	5 300
4 rooms	1 487	98	82	85	81	83	85	410	422	137	4	8 700
5 rooms	3 096	137	67	91	59	67	87	739	1 377	417	55	11 100
6 rooms	2 787	118	78	63	72	66	86	495	1 090	645	74	11 900
7 rooms or more	2 644	89	39	45	46	62	83	280	726	973	301	14 700
PERSONS												
1 person	898	295	87	106	65	84	49	100	65	39	8	3 600
2 persons	2 494	110	159	122	154	108	130	590	727	287	107	9 400
3 and 4 persons	3 845	47	30	36	30	62	128	747	1 616	980	169	12 600
5 persons	1 459	24	5	--	5	5	20	304	627	405	64	12 900
6 persons or more	1 506	9	6	24	17	29	29	198	625	478	91	13 500
Units with roomers, boarders, or lodgers	92	23	5	5	5	10	--	21	14	9	--	...
BEDROOMS												
Less than 3	2 988	324	154	177	92	175	91	867	630	378	100	8 700
3	4 906	110	40	101	99	55	170	992	1 869	1 181	289	12 400
4 or more	2 311	56	37	23	--	34	104	305	707	799	244	14 200
YEAR STRUCTURE BUILT												
1969 to March 1970	541	15	6	5	6	--	6	116	270	107	10	12 200
1960 to 1968	3 761	122	37	71	31	85	93	733	1 592	841	156	12 200
1950 to 1959	1 864	24	52	23	42	35	56	345	721	489	77	12 500
1949 or earlier	4 036	324	192	189	192	168	201	745	1 077	752	196	10 000
YEAR MOVED INTO UNIT												
1969 to March 1970	1 214	20	--	19	17	13	45	270	605	195	30	11 800
1968	1 083	32	53	--	11	25	39	213	422	254	32	12 000
1960 to 1967	4 099	159	36	102	54	101	103	746	1 630	1 002	166	12 300
1959 or earlier	3 806	285	230	166	214	162	164	627	1 140	659	159	10 200
SELECTED CHARACTERISTICS												
Automatic clothes washing machine	9 030	294	191	177	132	136	310	1 991	2 923	2 257	619	12 200
Clothes dryer	6 335	126	96	36	21	20	162	1 336	2 053	1 944	539	13 300
Dishwasher	2 881	51	56	22	--	20	44	280	836	1 113	459	16 200
Home food freezer	1 824	16	--	--	--	--	38	282	623	651	214	14 600
Owned second home	777	35	--	--	--	--	61	113	219	263	86	14 100
With air conditioning	2 354	64	56	48	25	55	57	401	822	659	167	12 900
Room unit(s)	1 817	43	37	41	25	46	50	278	601	575	121	13 200
Central system	537	21	19	7	--	9	7	123	221	84	46	11 900
Automobiles available:												
1	5 701	195	164	131	222	226	246	1 311	2 333	815	58	10 800
2	3 269	34	20	43	14	19	48	431	1 289	1 129	242	14 000
3 or more	384	9	--	--	--	7	--	20	111	150	87	18 000
Renter occupied housing units	6 795	871	404	476	526	524	514	1 528	1 460	410	82	7 100
ROOMS												
1 room	336	99	27	30	34	28	45	19	54	--	--	4 400
2 rooms	417	113	50	26	60	23	12	80	39	10	4	4 300
3 rooms	1 509	302	125	158	149	143	102	237	238	47	8	5 100
4 rooms	2 069	191	135	138	180	148	172	497	464	139	5	7 400
5 rooms	1 497	123	47	73	58	114	104	417	397	120	42	8 600
6 rooms or more	967	43	20	51	45	66	79	278	268	94	23	8 900
PERSONS												
1 person	1 924	631	201	179	232	140	141	215	165	16	4	3 700
2 persons	2 079	149	132	180	176	172	118	447	527	160	18	7 800
3 and 4 persons	1 936	78	58	83	99	131	184	592	535	162	14	8 700
5 persons	358	4	13	12	7	33	20	116	113	23	17	9 300
6 persons or more	498	9	--	22	12	48	51	158	120	49	29	9 000
Units with roomers, boarders, or lodgers	150	33	6	15	12	21	28	11	17	7	--	5 400
BEDROOMS												
None	428	109	69	24	69	70	24	--	63	--	--	4 200
1	2 152	594	116	163	258	109	196	282	410	--	24	4 800
2	2 381	171	166	130	63	178	223	741	455	206	48	8 100
3 or more	1 794	89	85	102	52	131	66	509	613	108	39	9 200
YEAR STRUCTURE BUILT												
1969 to March 1970	582	10	--	24	30	36	32	121	194	126	9	11 000
1960 to 1968	694	63	45	12	29	56	43	148	219	64	15	9 000
1950 to 1959	125	5	5	4	5	--	5	25	60	16	--	11 100
1949 or earlier	5 394	793	354	436	462	432	434	1 234	987	204	58	6 500
YEAR MOVED INTO UNIT												
1969 to March 1970	2 741	281	124	188	210	202	235	615	648	225	13	7 600
1968	829	65	26	55	57	98	69	202	210	33	14	7 700
1960 to 1967	2 052	316	109	169	188	145	125	461	401	102	36	6 800
1959 or earlier	1 173	185	140	88	85	85	89	214	187	86	14	6 000
GROSS RENT AS PERCENTAGE OF INCOME												
Specified renter occupied:	6 758	866	399	476	526	524	514	1 518	1 448	410	77	7 100
Less than 15 percent	1 921	--	--	21	16	53	122	484	818	337	70	11 600
15 to 19 percent	1 461	--	5	35	106	117	138	584	421	48	7	8 700
20 to 24 percent	856	5	22	75	105	156	114	247	126	6	--	6 600
25 to 34 percent	920	54	103	143	158	138	99	188	37	--	--	5 000
35 percent or more	1 385	706	264	191	136	60	24	4	--	--	--	2 000
Not computed	215	101	5	11	5	--	17	11	46	19	--	3 100
SELECTED CHARACTERISTICS												
Automatic clothes washing machine	2 946	197	127	123	121	197	133	886	934	184	44	8 900
Clothes dryer	1 349	65	21	--	47	44	44	411	570	122	25	10 400
Dishwasher	733	26	--	--	27	48	19	100	338	127	48	12 200
Home food freezer	226	50	21	19	--	--	--	43	93	--	--	...
Owned second home	145	22	--	--	--	--	--	18	23	20	--	...
With air conditioning	1 493	78	58	95	67	79	103	288	454	249	22	9 800
Room unit(s)	1 224	71	58	68	67	66	91	247	350	184	22	9 300
Central system	269	7	--	27	--	13	12	41	104	65	--	11 700
Automobiles available:												
1	3 833	185	134	204	301	298	327	1 140	1 035	173	36	8 200
2	757	18	6	35	21	45	41	73	246	237	35	12 800
3 or more	83	--	--	6	--	13	15	9	23	17	--	...

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

Table B-4. Plumbing Facilities by Persons Per Room for Owner and Renter Occupied Housing Units: 1970

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

Nashua	With all plumbing facilities					Lacking some or all plumbing facilities					
	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more	
Owner occupied housing units	10 202	10 158	4 490	4 955	645	68	44	22	18	4	-
PERSONS											
1 person	898	885	885	-	-	-	13	13	-	-	-
2 persons	2 494	2 485	2 418	62	-	5	9	9	-	-	-
3 persons	1 778	1 769	904	865	-	-	9	-	9	-	-
4 persons	2 067	2 058	206	1 837	10	5	9	-	9	-	-
5 persons	1 459	1 459	77	1 309	73	-	-	-	-	-	-
6 persons or more	1 506	1 502	-	882	562	58	4	-	-	4	-
Median	3.5	3.5	2.1	4.3	6.7	...	...	...	...	...	...
Units with roomers, boarders, or lodgers	92	92	37	51	4	-	-	-	-	-	-
YEAR STRUCTURE BUILT											
1969 to March 1970	536	529	142	367	20	-	7	-	7	-	-
1965 to 1968	1 939	1 939	624	1 144	158	13	-	-	-	-	-
1960 to 1964	1 845	1 845	644	1 048	132	21	-	-	-	-	-
1950 to 1959	1 852	1 846	727	1 010	95	14	6	-	-	6	-
1940 to 1949	664	664	341	276	47	-	-	-	-	-	-
1939 or earlier	3 366	3 333	2 056	1 051	200	26	33	17	16	-	-
INCOME IN 1969											
Less than \$2,000	485	472	413	50	9	-	13	13	-	-	-
\$2,000 to \$2,999	287	282	247	29	6	-	5	5	-	-	-
\$3,000 to \$3,999	288	288	232	51	5	-	-	-	-	-	-
\$4,000 to \$4,999	271	271	223	43	5	-	-	-	-	-	-
\$5,000 to \$5,999	288	288	207	74	7	-	-	-	-	-	-
\$6,000 to \$6,999	356	356	222	115	19	-	-	-	-	-	-
\$7,000 to \$9,999	1 939	1 926	840	928	144	14	13	4	9	-	-
\$10,000 to \$14,999	3 660	3 647	1 158	2 179	261	49	13	-	9	4	-
\$15,000 to \$24,999	2 189	2 189	734	1 297	153	5	-	-	-	-	-
\$25,000 or more	439	439	214	189	36	-	-	-	-	-	-
Median	\$11 600	\$11 600	\$9 500	\$12 700	\$12 400	...	...	...	...	...	...
VALUE-INCOME RATIO											
Specified owner occupied ¹	8 087	8 082	3 259	4 235	525	63	5	-	5	-	-
Less than 1.5	2 681	2 681	972	1 473	212	24	-	-	-	-	-
1.5 to 1.9	2 290	2 285	680	1 405	170	30	5	-	5	-	-
2.0 to 2.4	1 357	1 357	553	715	80	9	-	-	-	-	-
2.5 to 2.9	589	589	243	315	31	-	-	-	-	-	-
3.0 to 3.9	444	444	243	184	17	-	-	-	-	-	-
4.0 or more	667	667	529	123	15	-	-	-	-	-	-
Not computed	59	59	39	20	-	-	-	-	-	-	-
HEATING EQUIPMENT											
Steam or hot water	5 403	5 381	2 364	2 714	279	24	22	13	9	-	-
Warm-air furnace	4 105	4 092	1 739	1 981	333	39	13	-	9	4	-
Built-in electric units	244	244	101	127	16	-	-	-	-	-	-
Floor, wall, or pipeless furnace	33	33	22	9	2	-	-	-	-	-	-
Other means	417	408	264	124	15	5	9	9	-	-	-
None	-	-	-	-	-	-	-	-	-	-	-
Renter occupied housing units	6 795	6 417	3 056	2 875	386	100	378	86	277	-	15
PERSONS											
1 person	1 924	1 607	1 532	75	-	-	317	76	241	-	-
2 persons	2 079	2 056	1 330	726	-	-	23	10	8	-	5
3 persons	1 205	1 185	172	982	26	5	20	-	16	-	4
4 persons	731	731	22	670	23	16	7	-	7	-	-
5 persons	358	351	-	287	53	11	7	-	7	-	-
6 persons or more	498	487	-	135	284	68	11	-	5	-	6
Median	2.2	2.3	1.5	3.1	6.1	7.3	1.1	...	1.1	-	...
Units with roomers, boarders, or lodgers	150	145	51	89	-	5	5	-	5	-	-
YEAR STRUCTURE BUILT											
1969 to March 1970	578	578	297	266	15	-	-	-	-	-	-
1965 to 1968	511	511	211	247	41	12	-	-	-	-	-
1960 to 1964	197	197	85	99	13	-	-	-	-	-	-
1950 to 1959	130	130	81	43	6	-	-	-	-	-	-
1940 to 1949	300	300	144	123	18	15	-	-	-	-	-
1939 or earlier	5 079	4 736	2 220	2 091	335	90	343	91	239	-	13
INCOME IN 1969											
Less than \$2,000	871	743	579	144	16	4	128	40	88	-	-
\$2,000 to \$2,999	404	373	254	104	9	6	31	11	20	-	-
\$3,000 to \$3,999	476	442	252	173	10	7	34	9	25	-	-
\$4,000 to \$4,999	526	477	293	162	18	4	49	10	39	-	-
\$5,000 to \$5,999	524	506	236	209	41	20	18	-	18	-	-
\$6,000 to \$6,999	514	470	177	255	28	10	44	10	29	-	5
\$7,000 to \$9,999	1 528	1 502	554	805	111	32	26	6	20	-	-
\$10,000 to \$14,999	1 460	1 412	538	774	89	11	48	-	38	-	10
\$15,000 to \$24,999	410	410	149	219	36	6	-	-	-	-	-
\$25,000 or more	82	82	24	30	28	-	-	-	-	-	-
Median	\$7 200	\$7 400	\$5 600	\$8 500	\$8 900	\$6 900	\$3 900	...	\$4 100	-	...
GROSS RENT AS PERCENTAGE OF INCOME											
Specified renter occupied ²	6 758	6 380	3 034	2 860	386	100	378	86	277	-	15
Less than 10 percent	579	504	179	270	49	6	75	5	54	-	10
10 to 14 percent	1 342	1 288	524	654	83	27	54	5	49	-	-
15 to 19 percent	1 461	1 406	614	647	120	25	55	5	50	-	-
20 to 24 percent	856	816	337	437	32	10	40	16	19	-	5
25 to 34 percent	920	878	413	400	55	10	42	10	32	-	-
35 percent or more	1 385	1 289	844	376	47	22	89	33	63	-	-
Not computed	215	199	123	76	-	-	16	6	10	-	-
HEATING EQUIPMENT											
Steam or hot water	2 850	2 630	1 309	1 170	117	34	220	41	174	-	5
Warm-air furnace	1 575	1 511	565	760	164	22	64	-	54	-	10
Built-in electric units	337	337	171	155	11	-	-	-	-	-	-
Floor, wall, or pipeless furnace	12	12	12	-	-	-	-	-	-	-	-
Other means	2 016	1 927	999	790	94	44	89	45	44	-	-
None	5	-	-	-	-	-	5	-	5	-	-

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 B-5. Rooms in Owner and Renter Occupied Housing Units: 1970

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

Nashua	Total	1 room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Median
Owner occupied housing units	10 202	12	8	168	1 487	3 096	2 787	1 498	1 146	5.6
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	10 093	15	12	165	1 509	3 019	2 764	1 469	1 140	5.6
PERSONS										
1 person	898	-	8	82	218	243	199	98	50	5.1
2 persons	2 494	5	-	62	752	723	516	267	169	5.1
3 persons	1 778	-	-	14	251	609	548	244	112	5.5
4 persons	2 067	5	-	10	165	742	612	327	206	5.7
5 persons	1 459	-	-	-	73	488	390	288	220	5.9
6 persons or more	1 506	2	-	-	28	291	522	274	389	6.3
Median	3.5	...	...	1.5	2.2	3.5	3.7	3.9	4.7	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	10 158	12	8	164	1 479	3 069	2 782	1 498	1 146	5.6
0.50 or less	4 490	-	8	82	966	953	1 258	609	614	5.7
0.51 to 1.00	4 955	-	-	72	416	1 825	1 302	847	493	5.6
1.01 to 1.50	645	-	-	10	82	264	208	42	39	5.4
1.51 or more	68	12	-	-	15	27	14	-	-	...
Lacking some or all plumbing facilities	44	-	-	4	8	27	5	-	-	...
0.50 or less	22	-	-	-	4	13	5	-	-	...
0.51 to 1.00	18	-	-	4	-	14	-	-	-	...
1.01 to 1.50	4	-	-	-	4	-	-	-	-	...
1.51 or more	-	-	-	-	-	-	-	-	-	...
BEDROOMS										
None and 1	538	20	-	191	162	123	20	-	22	3.9
2	2 450	-	-	-	1 132	919	316	43	40	4.6
3	4 906	-	-	-	46	2 061	1 887	798	114	5.7
4 or more	2 311	-	-	-	-	72	521	730	988	7.3
YEAR STRUCTURE BUILT										
1969 to March 1970	541	-	-	-	116	262	54	56	53	5.1
1960 to 1968	3 761	-	-	29	524	1 358	921	486	443	5.5
1950 to 1959	1 864	5	-	15	319	559	626	217	123	5.6
1949 or earlier	4 036	7	8	124	528	917	1 186	739	527	5.9
COMPLETE BATHROOMS										
1 and 1 1/2	8 893	15	12	165	1 496	2 940	2 489	1 195	581	5.4
2 or more	1 200	-	-	-	13	79	275	274	559	7.4
None or also used by another household	109	-	-	5	27	51	14	6	6	...
VALUE-INCOME RATIO										
Specified owner occupied¹	8 087	12	-	29	882	2 487	2 290	1 337	1 050	5.8
Less than 1.5	2 681	2	-	15	229	831	884	407	313	5.8
1.5 to 1.9	2 290	5	-	5	237	807	584	363	289	5.7
2.0 to 2.9	1 946	5	-	-	220	582	506	353	280	5.8
3.0 or more	1 111	-	-	9	196	252	306	197	151	5.8
Not computed	59	-	-	-	-	15	10	17	17	...
Renter occupied housing units	6 795	336	417	1 509	2 069	1 497	679	189	99	4.0
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	6 314	67	375	1 483	2 024	1 473	616	179	97	4.1
PERSONS										
1 person	1 924	316	285	683	381	202	25	15	17	3.0
2 persons	2 079	5	86	648	864	325	92	43	16	3.8
3 persons	1 205	9	26	139	511	348	137	35	35	4.3
4 persons	731	-	16	23	204	275	152	39	22	4.9
5 persons	358	-	4	7	53	155	119	7	7	5.2
6 persons or more	498	6	-	9	56	192	154	44	37	5.4
Median	2.2	1.0	1.2	1.6	2.3	3.1	4.1	3.5	...	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	6 417	80	388	1 491	2 033	1 463	679	189	94	4.1
0.50 or less	3 056	-	260	669	1 219	506	254	93	55	4.0
0.51 to 1.00	2 875	75	82	783	705	765	346	80	39	4.2
1.01 to 1.50	386	-	26	23	98	174	54	11	11	4.8
1.51 or more	100	5	20	16	11	18	25	5	5	1.2
Lacking some or all plumbing facilities	378	256	29	18	36	34	-	-	5	4.3
0.50 or less	86	-	25	14	26	21	-	-	-	...
0.51 to 1.00	277	241	4	4	10	13	-	-	5	1.1
1.01 to 1.50	-	-	-	-	-	-	-	-	-	...
1.51 or more	15	15	-	-	-	-	-	-	-	...
BEDROOMS										
None	428	385	43	-	-	-	-	-	-	1.1
1	2 152	-	304	1 254	460	110	-	24	-	3.1
2	2 381	-	-	183	1 486	648	64	-	-	4.2
3 or more	1 794	-	-	-	25	740	806	157	66	5.7
YEAR STRUCTURE BUILT										
1969 to March 1970	582	4	13	192	296	49	28	-	-	3.8
1960 to 1968	694	15	47	189	193	186	48	11	5	4.0
1950 to 1959	125	-	-	10	30	47	33	5	-	5.0
1949 or earlier	5 394	317	357	1 118	1 550	1 215	570	173	94	4.1
COMPLETE BATHROOMS										
1 and 1 1/2	6 217	74	381	1 483	2 025	1 464	592	150	48	4.1
2 or more	117	-	-	-	6	9	24	29	49	1.5
None or also used by another household	461	235	65	59	54	26	6	9	7	1.5
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied²	6 758	336	417	1 509	2 069	1 477	679	182	89	4.0
Less than 10 percent	579	59	42	89	113	190	54	21	11	4.4
10 to 14 percent	1 342	64	51	239	470	330	168	20	20	4.2
15 to 19 percent	1 461	77	55	227	505	355	179	46	17	4.2
20 to 24 percent	856	20	51	207	281	166	88	33	10	4.0
25 to 34 percent	920	25	58	266	255	194	99	12	11	3.9
35 percent or more	1 385	81	149	444	402	186	70	39	14	3.5
Not computed	215	10	11	37	43	56	21	11	26	4.6

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 B-6. Units in Structure for Owner and Renter Occupied Housing Units: 1970

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

Nashua	Owner occupied				Renter occupied							
	Total	1 unit	2 units or more	Mobile home or trailer	Total	1 unit	2 units	3 and 4 units	5 to 9 units	10 to 19 units	20 units or more	Mobile home or trailer
All occupied housing units	10 202	8 282	1 497	423	6 795	669	1 669	1 847	1 189	988	428	5
ROOMS												
1 room	12	12	-	-	336	11	12	28	97	134	54	-
2 rooms	8	3	5	-	417	12	18	79	69	131	108	-
3 rooms	168	29	106	33	1 509	21	189	448	376	371	104	-
4 rooms	1 487	906	295	286	2 069	129	540	630	364	251	150	5
5 rooms	3 096	2 534	466	96	1 497	209	584	416	189	87	12	-
6 rooms	2 787	2 364	415	8	679	154	247	192	72	14	-	-
7 rooms	1 498	1 355	143	-	189	59	74	34	22	-	-	-
8 rooms or more	1 146	1 079	67	-	99	74	5	20	-	-	-	-
Median	5.6	5.8	5.2	4.1	4.0	5.3	4.6	4.1	3.6	3.1	3.0	-
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	10 158	8 268	1 467	423	6 417	664	1 653	1 769	1 096	841	389	5
0.50 or less	4 490	3 330	872	288	3 056	241	739	912	455	427	277	-
0.51 to 1.00	4 955	4 329	508	118	2 875	342	788	728	531	374	112	5
1.01 to 1.50	645	68	87	17	386	77	97	102	79	31	-	-
1.51 or more	44	14	30	-	100	4	29	27	31	9	-	-
Lacking some or all plumbing facilities	44	14	30	-	378	5	16	78	93	147	39	-
0.50 or less	22	5	17	-	86	-	10	40	14	22	-	-
0.51 to 1.00	18	9	9	-	277	5	6	38	68	121	39	-
1.01 to 1.50	4	-	4	-	-	-	-	-	-	-	-	-
1.51 or more	-	-	-	-	15	-	-	-	11	4	-	-
BEDROOMS												
None	20	20	-	-	428	-	-	-	114	248	66	-
1	518	158	341	19	2 152	41	290	627	435	540	219	-
2	2 450	1 525	610	315	2 381	158	564	926	324	285	124	-
3	4 906	4 169	673	64	1 400	417	477	362	125	19	-	-
4 or more	2 311	2 219	92	-	394	130	120	75	69	-	-	-
YEAR STRUCTURE BUILT												
1969 to March 1970	541	422	-	119	582	84	28	-	10	312	148	-
1965 to 1968	1 954	1 748	17	189	484	93	34	50	66	216	25	-
1960 to 1964	1 807	1 682	29	96	210	66	35	26	28	35	15	-
1950 to 1959	1 864	1 786	64	14	125	60	27	34	4	-	5	-
1940 to 1949	643	578	65	-	291	48	68	38	105	32	-	-
1939 or earlier	3 393	2 066	1 322	5	5 103	318	1 477	1 699	976	393	240	-
INCOME IN 1969												
Less than \$2,000	485	271	182	32	871	44	184	269	154	126	94	-
\$2,000 to \$2,999	287	198	70	19	404	10	92	133	71	88	10	-
\$3,000 to \$3,999	288	186	78	24	476	21	78	157	115	75	30	-
\$4,000 to \$4,999	271	156	97	18	526	38	98	133	132	92	33	-
\$5,000 to \$5,999	288	185	80	23	524	23	94	158	139	70	40	-
\$6,000 to \$6,999	356	263	68	25	514	48	147	113	131	59	16	-
\$7,000 to \$9,999	1 939	1 552	294	93	1 528	161	413	441	274	154	80	5
\$10,000 to \$14,999	3 660	3 083	426	151	1 460	212	437	362	144	227	78	-
\$15,000 to \$24,999	2 189	1 955	196	38	410	89	110	59	21	84	47	-
\$25,000 or more	439	433	6	-	82	23	16	22	8	13	-	-
Median	\$11 600	\$12 200	\$8 800	\$9 300	\$7 200	\$9 800	\$8 000	\$6 700	\$5 900	\$6 700	\$6 400	-
YEAR MOVED INTO UNIT												
1969 to March 1970	1 214	969	101	144	2 741	266	518	485	534	682	256	-
1968	1 083	900	102	81	829	67	249	209	147	105	52	-
1967	722	642	32	48	670	33	209	195	136	67	22	-
1965 and 1966	1 311	1 189	50	72	633	100	147	218	113	48	7	8
1960 to 1964	2 066	1 815	189	62	749	66	242	279	127	11	24	-
1950 to 1959	1 998	1 738	241	19	688	67	218	245	77	35	46	-
1949 or earlier	1 808	1 048	760	-	485	27	164	174	66	12	42	-
GROSS RENT												
Specified renter occupied¹ .....	...	...	...	...	6 758	632	1 669	1 847	1 189	988	428	5
Less than \$50 .....	...	...	...	...	272	-	31	61	59	64	57	-
\$50 to \$59 .....	...	...	...	...	284	11	19	84	89	56	25	-
\$60 to \$69 .....	...	...	...	...	463	21	92	147	76	65	40	-
\$70 to \$79 .....	...	...	...	...	474	6	123	184	76	41	44	-
\$80 to \$99 .....	...	...	...	...	1 287	19	328	489	376	98	17	-
\$100 to \$119 .....	...	...	...	...	1 222	80	359	384	298	79	22	-
\$120 to \$149 .....	...	...	...	...	1 268	100	431	349	196	147	45	-
\$150 to \$199 .....	...	...	...	...	999	147	205	110	16	347	169	5
\$200 to \$299 .....	...	...	...	...	324	164	34	16	21	80	9	-
\$300 or more .....	...	...	...	...	12	12	-	-	-	-	-	-
No cash rent .....	...	...	...	...	153	72	47	23	-	11	-	-
Median .....	...	...	...	...	\$109	\$165	\$112	\$98	\$95	\$137	\$126	-
HEATING EQUIPMENT												
Steam or hot water	5 403	4 601	798	4	2 850	365	639	560	587	396	303	-
Warm-air furnace	4 105	3 216	475	414	1 575	241	486	366	172	248	57	5
Built-in electric units	244	234	10	-	337	11	16	10	15	248	37	-
Floor, wall, or pipeless furnace	33	28	-	5	12	-	6	-	-	-	-	-
Other means	417	203	214	-	2 016	52	522	905	415	91	31	-
None	-	-	-	-	5	-	-	-	-	5	-	-
AIR CONDITIONING												
Room unit(s)	1 817	1 486	295	36	1 224	187	202	211	81	376	167	-
Central system	537	517	-	20	269	43	9	-	18	177	22	-
None	7 848	6 298	1 180	370	5 302	396	1 536	1 594	1 101	407	260	8
AUTOMOBILES AVAILABLE												
1	5 701	4 607	874	220	3 833	396	1 064	1 057	550	553	205	8
2	3 269	2 874	241	154	757	156	213	104	67	156	61	-
3 or more	384	342	33	9	83	-	21	6	17	30	9	-
None	848	478	327	43	2 122	74	449	638	566	221	174	-

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

Table B-7. Household Composition for Owner and Renter Occupied Housing Units: 1970

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

Nashua	Total	Two-or-more-person households								One-person households		
		Male head, wife present, no nonrelatives					Other male head		Female head		Under 65 years	65 years and over
		Under 25 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Under 65 years	65 years and over	Under 65 years	65 years and over		
Owner occupied housing units	10 202	261	1 981	2 117	3 236	801	233	78	421	176	440	458
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	10 158	256	1 977	2 113	3 227	796	233	78	417	176	440	443
0.50 or less	4 490	66	318	313	1 695	630	113	67	244	159	440	445
0.51 to 1.00	4 955	186	1 454	1 482	1 385	153	116	11	151	17	-	-
1.01 to 1.50	645	4	190	277	135	13	4	-	22	-	-	-
1.51 or more	68	-	15	41	12	-	-	-	-	-	-	-
Lacking some or all plumbing facilities	44	5	4	4	9	5	-	-	4	-	-	13
0.50 or less	22	-	-	-	-	5	-	-	-	-	-	-
0.51 to 1.00	18	5	4	-	9	-	-	-	-	-	-	-
1.01 to 1.50	4	-	-	4	-	-	-	-	-	-	-	-
1.51 or more	-	-	-	-	-	-	-	-	-	-	-	-
UNITS IN STRUCTURE												
1	8 282	218	1 791	1 944	2 623	516	187	59	340	124	271	209
2 or more	1 497	18	123	148	463	235	46	19	71	47	103	224
Mobile home or trailer	423	25	67	25	150	50	-	-	10	5	66	25
INCOME IN 1969												
Less than \$2,000	485	9	10	15	17	38	19	10	44	28	41	254
\$2,000 to \$2,999	287	5	-	14	20	119	5	5	32	-	28	59
\$3,000 to \$3,999	288	5	24	9	18	79	10	5	14	18	70	56
\$4,000 to \$4,999	271	11	-	5	35	100	12	-	26	17	46	19
\$5,000 to \$5,999	268	4	35	17	34	65	-	-	23	26	57	27
\$6,000 to \$6,999	356	11	36	36	88	58	26	13	29	10	76	24
\$7,000 to \$9,999	1 939	107	485	307	601	108	33	25	136	37	35	15
\$10,000 to \$14,999	3 660	96	1 012	936	1 259	94	84	15	70	29	50	10
\$15,000 to \$24,999	2 189	13	344	638	952	117	37	5	33	11	8	-
\$25,000 or more	439	-	35	140	212	23	7	-	14	-	8	-
Median	\$11 600	\$9 400	\$12 000	\$13 500	\$13 200	\$6 000	\$10 700	...	\$7 900	\$6 000	\$5 600	\$2000-
VALUE-INCOME RATIO												
Specified owner occupied ¹	8 087	214	1 758	1 910	2 560	501	181	59	320	124	256	204
Less than 1.5	2 681	16	382	646	1 299	145	57	5	60	21	38	10
1.5 to 1.9	2 290	88	694	691	633	49	33	11	36	17	29	9
2.0 to 2.4	1 357	36	396	301	373	59	27	29	61	22	29	24
2.5 to 2.9	589	41	151	118	110	44	26	-	34	26	23	16
3.0 to 3.9	444	17	90	95	98	47	-	4	39	5	35	14
4.0 or more	667	14	45	49	42	157	32	5	74	33	90	126
Not computed	59	-	-	10	5	-	6	5	16	-	12	5
Renter occupied housing units	6 795	705	1 202	546	883	384	257	29	744	121	1 209	715
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	6 417	700	1 189	535	871	374	252	29	739	121	975	632
0.50 or less	3 056	177	249	73	360	166	96	19	301	83	920	612
0.51 to 1.00	2 875	487	798	298	438	208	149	10	374	38	55	20
1.01 to 1.50	386	26	118	138	57	-	7	-	40	-	-	-
1.51 or more	100	10	24	26	16	-	-	-	24	-	-	-
Lacking some or all plumbing facilities	378	5	13	11	12	10	5	-	5	-	234	83
0.50 or less	86	-	-	-	-	10	-	-	-	-	56	20
0.51 to 1.00	277	5	13	5	8	-	-	-	5	-	178	63
1.01 to 1.50	-	-	-	-	-	-	-	-	-	-	-	-
1.51 or more	15	-	-	6	4	-	5	-	-	-	-	-
UNITS IN STRUCTURE												
1	669	50	176	136	83	22	52	-	62	16	31	41
2 to 4	3 516	389	646	270	540	242	99	23	380	65	489	373
5 to 19	2 177	225	315	133	229	111	101	6	279	30	545	203
20 or more	428	41	65	7	31	9	5	-	23	10	139	98
Mobile home or trailer	5	-	-	-	-	-	-	-	-	-	5	-
GROSS RENT												
Specified renter occupied ²	6 758	705	1 197	546	876	384	247	29	744	116	1 204	710
Less than \$50	272	-	-	4	8	5	-	9	6	9	78	153
\$50 to \$59	284	18	-	-	23	21	5	-	19	10	102	86
\$60 to \$69	463	23	9	11	45	58	5	-	14	12	183	103
\$70 to \$79	474	10	28	17	49	26	10	-	69	18	143	104
\$80 to \$99	1 287	119	182	66	195	139	40	9	175	37	262	63
\$100 to \$119	1 222	186	272	127	193	41	47	-	177	19	93	67
\$120 to \$149	1 268	207	255	130	142	59	51	11	185	11	179	38
\$150 to \$199	999	126	292	77	151	24	62	-	85	-	135	47
\$200 to \$299	324	16	126	91	26	6	16	-	14	-	29	-
\$300 or more	12	-	-	-	7	-	5	-	-	-	-	-
No cash rent	153	-	33	23	37	5	6	-	-	-	-	49
GROSS RENT AS PERCENTAGE OF INCOME BY INCOME												
Specified renter occupied ²	6 758	705	1 197	546	876	384	247	29	744	116	1 204	710
Less than \$5,000	2 267	105	63	28	79	224	51	15	400	64	614	624
Less than 20 percent	183	5	-	-	16	5	-	-	15	6	76	28
20 to 24 percent	207	9	9	4	9	26	6	-	43	-	29	28
25 to 34 percent	458	28	30	5	24	64	7	-	77	5	111	67
35 percent or more	1 297	63	24	19	26	104	27	15	261	48	296	414
Not computed	122	-	-	-	4	5	-	-	4	-	54	54
\$5,000 to \$9,999	2 556	411	597	251	313	96	115	14	250	38	418	73
Less than 20 percent	1 498	232	311	104	227	63	57	9	112	34	305	44
20 to 24 percent	517	64	138	73	55	23	28	5	55	4	52	26
25 to 34 percent	425	89	112	32	16	10	36	-	69	-	47	26
35 percent or more	88	6	20	10	15	-	-	-	14	-	14	9
Not computed	28	-	16	-	-	-	-	-	-	-	-	-
\$10,000 to \$14,999	1 448	174	435	178	318	43	38	-	83	14	152	13
Less than 20 percent	1 239	159	352	156	289	37	27	-	73	14	126	6
20 to 24 percent	126	11	55	16	6	-	6	-	10	-	21	7
25 percent or more	37	4	11	-	-	-	11	-	-	-	5	-
Not computed	46	-	-	-	29	-	-	-	-	-	-	-
\$15,000 or more	487	15	102	109	166	21	43	-	11	-	20	-
Less than 20 percent	462	15	102	92	158	21	43	-	11	-	20	-
20 to 24 percent	6	-	-	-	-	-	-	-	-	-	-	-
25 percent or more	-	-	-	-	-	-	-	-	-	-	-	-
Not computed	19	-	-	11	8	-	-	-	-	-	-	-

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 B-8. Persons in Owner and Renter Occupied Housing Units: 1970

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

Nashua	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons or more	Median
Owner occupied housing units	10 202	898	2 494	1 778	2 067	1 459	763	465	278	3.5
BEDROOMS										
None and 1	538	184	275	39	-	-	-	20	20	1.8
2	2 450	540	996	530	259	106	-	19	-	2.2
3	4 906	124	814	1 035	1 407	899	451	156	20	3.8
4 or more	2 311	71	333	303	389	295	431	254	235	4.7
YEAR STRUCTURE BUILT										
1969 to March 1970	541	16	103	163	132	68	42	11	6	3.4
1965 to 1968	1 954	71	325	280	553	375	212	78	60	4.0
1960 to 1964	1 807	117	336	274	365	397	182	85	51	4.0
1950 to 1959	1 864	59	451	342	482	254	142	84	50	3.7
1940 to 1949	643	73	230	112	83	48	21	62	14	2.7
1939 or earlier	3 393	562	1 049	607	452	317	164	145	97	2.6
UNITS IN STRUCTURE										
1	8 282	480	1 833	1 433	1 856	1 315	709	416	240	3.7
2 or more	1 497	327	453	277	191	120	48	43	38	2.4
Mobile home or trailer	423	91	208	68	20	24	6	6	-	2.1
COMPLETE BATHROOMS										
1 and 1 1/2	8 893	859	2 301	1 622	1 734	1 227	629	329	192	3.3
2 and 2 1/2	1 083	45	154	98	269	223	90	119	85	4.4
3 or more	117	6	26	13	25	20	13	7	7	...
None or also used by another household	109	9	25	30	31	8	6	-	-	...
HOUSEHOLD COMPOSITION										
Two-or-more-person households	9 304	...	2 494	1 778	2 067	1 459	763	465	278	3.7
Male head, wife present, no nonrelatives	8 396	...	2 062	1 539	1 983	1 374	725	444	269	3.8
Under 25 years	261	...	51	108	73	29	-	-	-	3.2
25 to 34 years	1 981	...	176	320	674	469	172	129	41	4.2
35 to 44 years	2 117	...	120	211	570	502	366	207	141	4.8
45 to 64 years	3 236	...	1 115	768	631	358	179	98	87	3.2
65 years and over	801	...	600	132	35	16	8	10	-	2.2
Other male head	311	...	129	92	30	45	11	-	4	2.8
Under 65 years	233	...	70	84	19	45	11	-	4	3.1
65 years and over	78	...	59	8	11	-	-	-	-	...
Female head	597	...	303	147	54	40	27	21	5	2.5
Under 65 years	421	...	165	118	49	36	27	21	5	2.9
65 years and over	176	...	138	29	5	4	-	-	-	2.1
One-person households	898	898	...	...	...	...	...	...	...	1.0
VALUE-INCOME RATIO										
Specified owner occupied ¹	8 087	460	1 797	1 415	1 800	1 286	695	406	228	3.7
Less than 1.5	2 681	48	526	548	644	397	267	158	93	3.8
1.5 to 1.9	2 290	38	430	352	581	451	222	153	63	4.1
2.0 to 2.4	1 357	53	334	249	265	262	117	37	40	3.7
2.5 to 2.9	589	39	117	92	169	106	30	22	14	3.8
3.0 to 3.9	444	49	111	103	67	39	46	21	8	3.1
4.0 or more	667	216	263	61	69	20	13	15	10	1.9
Not computed	59	17	16	10	5	11	-	-	-	...
Renter occupied housing units	6 795	1 924	2 079	1 205	731	358	248	164	86	2.2
BEDROOMS										
None	428	411	-	17	-	-	-	-	-	1.0
1	2 152	1 073	895	164	20	-	-	-	-	1.5
2	2 381	309	903	692	310	98	46	23	-	2.5
3 or more	1 794	185	318	233	374	322	182	157	23	3.9
YEAR STRUCTURE BUILT										
1969 to March 1970	582	119	258	98	76	17	9	5	-	2.2
1965 to 1968	484	116	157	76	68	11	41	5	10	2.3
1960 to 1964	210	66	34	63	16	20	11	-	-	2.6
1950 to 1959	125	10	50	29	21	-	5	10	-	2.6
1940 to 1949	291	68	88	49	35	28	12	-	11	2.4
1939 or earlier	5 103	1 545	1 492	890	515	282	170	144	65	2.2
UNITS IN STRUCTURE										
1	669	72	140	122	104	80	80	52	19	3.5
2	1 669	322	452	390	247	129	69	36	24	2.7
3 and 4	1 847	540	590	295	220	95	48	48	11	2.2
5 to 9	1 189	301	422	239	90	42	40	28	27	2.2
10 to 19	988	447	326	125	62	12	11	-	5	1.6
20 or more	428	237	149	34	8	-	-	-	-	1.4
Mobile home or trailer	5	5	-	-	-	-	-	-	-	...
COMPLETE BATHROOMS										
1 and 1 1/2	6 217	1 550	1 964	1 178	699	339	260	152	75	2.3
2 or more	117	26	31	6	35	-	-	-	19	...
None or also used by another household	461	332	66	33	9	-	-	7	14	1.2
HOUSEHOLD COMPOSITION										
Two-or-more-person households	4 871	...	2 079	1 205	731	358	248	164	86	2.8
Male head, wife present, no nonrelatives	3 720	...	1 448	939	589	308	228	143	65	2.9
Under 25 years	705	...	328	243	103	19	7	5	-	2.6
25 to 34 years	1 202	...	307	339	260	158	85	48	5	3.4
35 to 44 years	546	...	107	67	81	97	94	62	38	4.7
45 to 64 years	883	...	395	228	139	34	42	28	17	2.7
65 years and over	384	...	311	62	6	-	-	-	5	2.1
Other male head	286	...	164	72	23	14	7	6	-	2.4
Under 65 years	257	...	139	72	19	14	7	6	-	2.4
65 years and over	29	...	25	4	4	-	-	-	-	...
Female head	865	...	467	194	119	36	13	15	21	2.4
Under 65 years	744	...	365	180	114	36	13	15	21	2.5
65 years and over	121	...	102	14	5	-	-	-	-	2.1
One-person households	1 924	1 924	...	...	...	...	...	...	...	1.0
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied ²	6 758	1 914	2 067	1 200	731	353	248	164	81	2.2
Less than 10 percent	579	101	208	117	53	43	29	11	17	2.4
10 to 14 percent	1 342	243	450	278	179	85	54	36	17	2.5
15 to 19 percent	1 461	293	461	298	177	95	59	37	21	2.4
20 to 24 percent	856	181	260	182	120	58	29	21	5	2.5
25 to 34 percent	920	270	309	125	99	40	50	27	27	2.1
35 percent or more	1 385	733	330	171	85	18	15	12	21	1.4
Not computed	215	93	49	29	18	14	12	-	-	1.8

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 B-9. Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1970

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

Nashua					Nashua				
	Total	Less than 2 months	2 up to 6 months	6 months or more		Total	Less than 2 months	2 up to 6 months	6 months or more
Vacant for sale	160	68	65	27	Vacant for rent	710	483	173	54
ROOMS					ROOMS				
1 to 3 rooms	6	-	6	-	1 room	44	35	4	5
4 rooms	19	-	6	13	2 rooms	18	13	5	-
5 rooms	76	34	42	-	3 rooms	186	167	12	7
6 rooms	17	10	7	-	4 rooms	339	219	82	38
7 rooms or more	42	24	4	14	5 rooms	95	25	70	-
					6 rooms	22	18	-	4
					7 rooms or more	6	6	-	-
PLUMBING FACILITIES					PLUMBING FACILITIES				
With all plumbing facilities	160	68	65	27	With all plumbing facilities	674	447	173	54
Lacking some or all plumbing facilities	-	-	-	-	Lacking some or all plumbing facilities	36	36	-	-
BEDROOMS					BEDROOMS				
None and 1	-	-	-	-	None	33	33	-	-
2	52	-	35	17	1	248	230	18	-
3	82	65	17	-	2	396	260	120	16
4 or more	31	15	-	16	3 or more	49	49	-	-
YEAR STRUCTURE BUILT					YEAR STRUCTURE BUILT				
1969 to March 1970	106	52	41	13	1969 to March 1970	404	231	143	30
1960 to 1968	20	6	14	-	1960 to 1968	40	40	-	-
1950 to 1959	10	10	-	-	1950 to 1959	4	4	-	-
1949 or earlier	24	-	10	14	1949 or earlier	262	212	26	24
UNITS IN STRUCTURE					UNITS IN STRUCTURE				
1	154	68	59	27	1	58	43	15	-
2 or more	6	-	6	-	2 to 4	159	123	28	8
					5 to 9	123	94	17	12
					10 to 19	262	180	82	-
					20 or more	108	43	31	34
HEATING EQUIPMENT					RENT ASKED				
Steam or hot water	68	50	13	5	Specified vacant for rent ²	706	483	169	54
Warm-air furnace	82	12	48	22	Less than \$50	20	8	4	8
Built-in electric units	6	6	-	-	\$50 to \$59	14	6	4	4
Floor, wall, or pipeless furnace	4	-	4	-	\$60 to \$79	116	103	13	-
Other means	-	-	-	-	\$80 to \$99	57	48	9	-
None	-	-	-	-	\$100 to \$119	34	22	-	12
					\$120 to \$149	48	48	-	-
					\$150 to \$199	323	222	76	25
					\$200 or more	94	26	63	5
SALES PRICE ASKED					Median rent asked	\$160	\$151	\$186	...
Specified vacant for sale ¹	147	68	52	27					
Less than \$5,000	-	-	-	-					
\$5,000 to \$9,999	-	-	-	-					
\$10,000 to \$14,999	4	-	4	-					
\$15,000 to \$19,999	60	22	20	18					
\$20,000 to \$24,999	35	17	13	5					
\$25,000 to \$34,999	20	5	11	4					
\$35,000 to \$49,999	28	24	4	-					
\$50,000 or more	-	-	-	-					
Median price asked	\$21,400	...	...	...		

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 B-10. Sales Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1970

[Data based on sample, see text. For meaning of symbols, see text]

Nashua	Sales price asked - Vacant for sale ¹							Rent asked - Vacant for rent ²						
	Total	Less than \$10,000	\$10,000 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 or more	Total	Less than \$60	\$60 to \$79	\$80 to \$99	\$100 to \$149	\$150 to \$199	\$200 or more
Total	147	-	4	60	35	20	28	706	34	116	57	82	323	94
PLUMBING FACILITIES														
With all plumbing facilities	165	-	17	70	31	32	15	677	-	97	70	47	359	104
Lacking some or all plumbing facilities	-	-	-	-	-	-	-	49	-	33	-	16	-	-
BEDROOMS														
None and 1	-	-	-	-	-	-	-	281	-	82	36	16	147	-
2	52	-	17	35	-	-	-	396	-	48	34	31	179	104
3	82	-	-	35	31	16	-	18	-	-	-	-	18	-
4 or more	31	-	-	-	-	16	15	31	-	-	-	16	15	-
YEAR STRUCTURE BUILT														
1969 to March 1970	106	-	-	38	24	16	28	404	-	50	-	-	260	94
1960 to 1968	13	-	-	13	-	-	-	40	-	-	-	11	29	-
1950 to 1959	10	-	-	4	6	-	-	4	-	-	-	-	-	-
1949 or earlier	18	-	4	5	5	4	-	262	34	66	57	71	34	-
UNITS IN STRUCTURE														
1	...	...	...	...	...	...	...	54	-	-	6	-	34	14
2 to 4	...	...	...	...	...	...	...	159	12	31	47	33	30	6
5 to 19	...	...	...	...	...	...	...	385	18	76	4	49	175	65
20 or more	...	...	...	...	...	...	...	108	4	9	-	-	84	11
INCLUSION OF UTILITIES IN RENT														
All utilities included	...	...	...	...	...	...	...	179	18	68	6	26	45	16
Some or no utilities included	...	...	...	...	...	...	...	527	16	48	51	56	278	78

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

Appendix A.—AREA CLASSIFICATIONS

USUAL PLACE OF RESIDENCE ..	App-1
COUNTIES	App-1
PLACES	App-1
STANDARD METROPOLITAN STATISTICAL AREAS	App-1

USUAL PLACE OF RESIDENCE

In accordance with census practice dating back to 1790, each person enumerated in the 1970 census was counted as an inhabitant of his usual place of residence, which is generally construed to mean the place where he lives and sleeps most of the time. This place is not necessarily the same as his legal residence, voting residence, or domicile. In the vast majority of cases, however, the use of these different bases of classification would produce substantially the same statistics although there may be appreciable differences for a few areas.

The implementation of this practice has resulted in the establishing of residence rules for certain categories of persons whose usual place of residence is not immediately clear. Furthermore, this practice means that persons were not always counted as residents of the place where they happened to be found by the census enumerators. Persons without a usual place of residence were, however, counted where they were enumerated. Detailed information on residence rules is given in the 1970 Population Census PC(1)-A reports.

COUNTIES

The primary divisions of the States are, in general, termed counties, but in Louisiana these divisions are known as parishes. There are no counties in Alaska; in this State, statistical areas called census divisions were developed

for general statistical purposes through the cooperation of the State and the Census Bureau and are treated as county equivalents. In four States (Maryland, Missouri, Nevada, and Virginia), there are one or more cities which are independent of any county organization and thus constitute primary divisions of their States.

PLACES

Two types of places are recognized in the census reports, incorporated places and unincorporated places. Incorporated places are political units incorporated as cities, boroughs, towns, and villages except for (a) boroughs in Alaska and (b) towns in the New England States, New York, and Wisconsin. Unincorporated places are closely settled population centers without corporate limits for which the Census Bureau has delineated boundaries. Each place so delineated possesses a definite nucleus of residences and has its boundaries drawn to include, if feasible, all the surrounding closely settled area. Unincorporated places are identified with the letter "U."

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. 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.

The figures for central cities shown in this report may differ from those shown in the Housing Census HC(1)-A and HC(1)-B reports. In those reports, if a central city of an SMSA is an extended city (so designated because it has extended its boundaries to include territory essentially rural in character), the figures shown for the central city were restricted to the urban portion of the city. In addition, parts of central cities outside the SMSA boundaries were excluded from the central city tabulations. In this report, however, figures for central cities refer to the entire population and housing within the legal city boundaries, including any rural parts of the city or parts outside the SMSA.

Appendix B.—DEFINITIONS AND EXPLANATIONS OF SUBJECT CHARACTERISTICS

GENERAL	App-2	Gross rent	App-8
Self-enumeration and census questionnaire	App-2	Rent asked	App-8
Comparability with 1960 data ..	App-2	Value-income ratio	App-8
LIVING QUARTERS	App-3	Gross rent as percentage of income	App-8
Housing units	App-3	HOUSEHOLD CHARACTERISTICS	App-8
Group quarters	App-3	Head of household	App-8
Rules for mobile homes, hotels, rooming houses, etc.	App-3	Household composition	App-8
Institutions	App-4	Nonrelative	App-9
OCCUPANCY AND VACANCY CHARACTERISTICS	App-4	Family or primary individual ...	App-9
Occupied housing units	App-4	Income in 1969	App-9
Race	App-4	FACSIMILES	App-10
Spanish heritage	App-4	Housing Pages in the 1970 Census Questionnaires	App-10
Tenure	App-4	Respondent Instructions for the Housing Questions in the 1970 Census	App-13
Year moved into unit	App-4	GENERAL	
Vacant housing units	App-4	Self-enumeration and census questionnaire.—As stated in the introductory text of this report, the 1970 census was conducted primarily through self-enumeration. Furthermore, census takers were instructed to read the questions directly from the questionnaire in their telephone and personal visit interviews. The questionnaire pages containing the housing questions asked on a 100-percent basis and the additional questions asked on a sample basis, as well as the page of the respondent instruction sheet which relates to these questions, are reproduced on pages App-10 to App-13. The definitions and explanations given below for each subject are, to a considerable extent, drawn from various technical and procedural materials used in the collection of the data. This material helped the enumerative personnel to understand more fully the intent of each question and thus to resolve problem or unusual cases. Also included is certain explanatory information to assist the user in the proper utilization of the statistics.	
Vacancy status	App-5		
Duration of vacancy	App-5		
UTILIZATION CHARACTERISTICS	App-5		
Persons	App-5		
Rooms	App-5		
Persons per room	App-5		
Bedrooms	App-5		
STRUCTURAL AND PLUMBING CHARACTERISTICS	App-5		
Direct access	App-5		
Complete kitchen facilities	App-5		
Year structure built	App-6		
Units in structure	App-6		
Elevator in structure	App-6		
Plumbing facilities	App-6		
Complete bathrooms	App-6		
EQUIPMENT, FUELS, AND APPLIANCES	App-6		
Heating equipment	App-6		
Air conditioning	App-7		
Automobiles available	App-7		
Automatic clothes washing machine	App-7		
Clothes dryer	App-7		
Dishwasher	App-7		
Home food freezer	App-7		
Owned second home	App-7		
FINANCIAL CHARACTERISTICS	App-7		
Value	App-7		
Sales price asked	App-7		

Comparability with 1960 data.—Although the 1970 data are generally comparable with the data collected in 1960, certain changes have been introduced. The 1960 inquiry regarding owner occupancy has been subdivided to show a separate category for cooperatives and condominiums in 1970. The 1960 question on cooking equipment was broadened in 1970 to cover "complete kitchen facilities"; i.e., an installed sink with piped water, a range or cookstove, and a mechanical refrigerator. On the other hand, the 1960 question on condition of housing unit (i.e., sound, deteriorating, or dilapidated) was eliminated because of serious problems with response reliability.

Items which were added to the 1970 questionnaire are dishwasher and owned second home. The 1960 inquiry on television has been subdivided to provide separate information on television sets which can receive UHF broadcasts. The 1970 inquiry on radios is limited to battery-operated sets including car radios, whereas the 1960 inquiry covered radio sets of all kinds located in the unit. Data on television sets and radios are not given in this report; statistics on these appliances, however, are presented in the 1970 Housing Census, HC(1)-B reports.

There have also been changes in the scope of some of the tabulations. The tabulations on value and contract rent refer to slightly different sets of housing units in 1970 than in 1960. Summarized generally, the difference is that the 1970 data exclude units on places of 10 acres or more whereas the 1960 data exclude units on farms; more specific information can be obtained by comparing the value and rent definitions in the present report with those in 1960 Housing Census Volume I.

Data on elevator in structure were collected for all geographic areas in 1970. In 1960, statistics on elevator in structure were collected only for large places; that is, places which had a population of 50,000 or more in 1950 or in an interim census.

Separate data on a number of subjects are presented for occupied units with Negro head of household. In 1960, this type of tabulation related to the total of all household heads other than white; Negro household heads constituted 95 percent of this total in 1960 for the Nation as a whole, but this proportion varied widely among areas.

Separate data are also shown in this report for housing units occupied by heads of Spanish heritage, that is, household heads of Spanish language or Spanish surname in five Southwestern States (Arizona, California, Colorado, New Mexico, and Texas), heads of Puerto Rican birth or parentage in New York, New Jersey, and Pennsylvania, and heads of Spanish language in all other States. In 1960, household heads of Spanish surname were identified in the five Southwestern States and Puerto Rican heads of households were identified in all other States. More information on the 1970 definition is given in this report and in the 1970 Population Census Series PC(1)-C reports; the 1960 definition is more fully explained in the 1960 Census of Housing Volume I reports.

LIVING QUARTERS

Living quarters are classified in the census as either housing units or group quarters. Usually, living quarters are in structures intended for residential use (e.g., a one-family home, apartment house, hotel or motel, boarding house,

mobile home or trailer, 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.

Housing units.—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 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 unrelated persons who share living arrangements (except as described in the section on group quarters). For vacant units, the criteria of separateness, direct access, and complete kitchen facilities for exclusive use are applied to the intended occupants, whenever possible. If the information cannot be obtained, the criteria are applied to the previous occupants. Both occupied and vacant housing units are included in the housing inventory, except that mobile homes, trailers, tents, caves, boats, railroad cars, and the like, are included only if they are occupied.

Group quarters.—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, mona-

steries, 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.

Rules for mobile homes, hotels, rooming houses, etc.—Mobile homes or trailers, tents, boats, or railroad cars are not enumerated if vacant, used only for business, or used only for vacations.

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

If any of the occupants in a rooming or boarding house live and eat separately from everyone else in the building and have either direct access or complete kitchen facilities for exclusive use, their quarters are classified as separate housing units. The remaining quarters are combined. If the combined quarters contain four or fewer roomers unrelated to the head, they are classified as one housing unit; if the combined quarters contain five or more roomers unrelated to the head or person in charge, they are classified as group quarters. In a dormitory, residence hall, or similar place, living quarters of the supervisory staff and other employees are separate housing units if they satisfy the housing unit

criteria; other living quarters are considered group quarters.

Institutions.—Living quarters of staff personnel are separate housing units if they satisfy the housing unit criteria. Other living quarters are considered group quarters.

OCCUPANCY AND VACANCY CHARACTERISTICS

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.

A household consists of all the persons who occupy a housing unit. By definition, therefore, the count of occupied housing units is the same as the count of households in the 1970 Census of Population reports. In some cases, however, there may be small differences in the counts resulting from processing procedures.

Race.—The classification by race shown here refers to the race of the head of the household occupying the housing unit. Detailed characteristics of units with Negro head of household are presented in separate tables for SMSA's, cities or places having a Negro population of 25,000 or more. The concept of race as used by the Census Bureau does not denote clear-cut scientific definitions of biological stock. The data represent essentially self-classification by people according to the race with which they identify themselves.

Spanish heritage.—The inquiries in the 1970 census permit the identification of housing units occupied by heads of Spanish heritage by various means: birthplace, birthplace of parents, language, and surname. The specific types of identification are given below. A more detailed explanation is given in the 1970 Population Census PC(1)-C reports.

Puerto Rican birth or parentage.—Household heads of Puerto Rican birth or parentage are identified in the three Middle Atlantic States: New York, New Jersey, and Pennsylvania.

Spanish language or Spanish surname.—In five Southwestern States—Arizona, California, Colorado, New Mexico, and Texas—household heads of Spanish language or Spanish surname are identified. (A household head is classified as of Spanish language if the head or his wife reported Spanish as his or her mother tongue, i.e., the language spoken at home when the person was a child.)

Spanish language.—In all other States and the District of Columbia, household heads of Spanish language (as defined above) are identified.

Detailed characteristics of units with heads of Spanish heritage are presented in separate tables for SMSA's, cities or places having a population of 25,000 or more for the particular Spanish-heritage group.

Tenure.—(See facsimiles of questionnaire item H9 and instructions on pages App-10 and App-13.) 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 occupied" 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.

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, the year of his latest move was to be reported; if he moved from one apartment to another in the same building, the year he moved into his present unit was to be reported. The intent is to establish the year the present occupancy by the head began. The year the head moves is not necessarily the same year other members of the household move, although in the great majority of cases the entire household moves at the same time.

Vacant housing units.—A housing unit is vacant if no one is living in it at the time of enumeration, unless its occupants are only temporarily absent. 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 classified as vacant housing units if construction has reached a point where all exterior windows and doors are installed and final usable floors are in place. Vacant units are excluded if unfit for human habitation; that is, if 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. Also

excluded are quarters being used entirely for nonresidential purposes, such as a store or an office, or quarters used for the storage of business supplies or inventory, machinery, or agricultural products.

Vacancy status.—(See facsimile of questionnaire item C on page App-10.) Vacant housing units are classified as either "seasonal and migratory" or "year-round." "Seasonal" units are intended for occupancy during only certain seasons of the year. Included are units intended for recreational use, such as beach cottages and hunting cabins, and vacant units held for herders and loggers. "Migratory" units are vacant units held for occupancy by migratory labor employed in farm work during the crop season. "Year-round" vacant housing units are available or intended for occupancy at any time of the year. A unit in a resort area which is usually occupied on a year-round basis is considered year-round. A unit used only occasionally throughout the year is also considered year-round.

This report presents statistics for "year-round" vacant units on the market for sale or for rent. Excluded are "seasonal and migratory" vacant units, as well as "year-round" vacant 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 held off the market for other reasons.

Vacant for sale.—Vacant year-round units "for sale" also include vacant units in a cooperative or condominium building if the individual units are offered for sale only.

Vacant for rent.—Vacant year-round units "for rent" also include vacant units offered either for rent or for sale.

Duration of vacancy.—(See facsimile of questionnaire item D on page App-10.) The statistics on duration of vacancy refer to the length of time (in months) from the date the last occupants moved from the unit to the date of enumeration. The data, therefore, do not provide a direct measure of the total length of time units remain vacant. For newly constructed units which have never been occupied, the duration of vacancy is counted from the date construction was completed. For recently converted or merged units, the time is reported from the date conversion or merger was completed.

UTILIZATION CHARACTERISTICS

Persons.—All persons occupying the housing unit are counted. These persons 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 servants who live in, companions, partners, etc.

Rooms.—(See facsimiles of questionnaire item H4 and instructions on pages App-10 and App-13.) The statistics on "rooms" are in terms of the number of housing units with specified number of rooms. The intent of this question was to count the number of whole rooms used for living purposes. As stated on the questionnaire and instruction sheet, bathrooms, foyers,

utility rooms, unfinished attics or basements, etc., are not included in the count of rooms.

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

Bedrooms.—(See facsimile of questionnaire item H26 on page App-12.) The number of bedrooms in the unit is the count of rooms used mainly for sleeping, even if also used for other purposes. Rooms reserved for sleeping such as guest rooms, even though used infrequently, are counted as bedrooms. On the other hand, rooms used mainly for other purposes, even though used also for sleeping, such as a living room with a hideaway bed, are not considered bedrooms. A housing unit consisting of only one room, such as one-room efficiency apartment, is classified, by definition, as having no bedroom.

STRUCTURAL AND PLUMBING CHARACTERISTICS

Direct access.—(See facsimiles of questionnaire item H2 and instructions on pages App-10 and App-13.) A housing unit is regarded as having direct access if there is (1) a direct entrance from the outdoors, or (2) an entrance from a hall, lobby, or vestibule which is usually used by the occupants of more than one unit or by the general public.

Complete kitchen facilities.—(See facsimiles of questionnaire item H3 and instructions on pages App-10 and App-13.) A unit has complete kitchen facilities when it has all three of the

following: (1) an installed sink with piped water, (2) a range or cookstove, and (3) a mechanical refrigerator.

All kitchen facilities must be located in the structure. They need not be in the same room. Quarters with only portable cooking equipment are not considered as having a range or cookstove. An icebox is not included as a mechanical refrigerator.

The kitchen facilities are for the exclusive use of the occupants (shown on the questionnaire as "for this household only") when they are used only by the occupants of one housing unit, including lodgers or other unrelated persons living in the unit. When a structure consists of only one housing unit, all equipment located inside the structure is classified, by definition, for exclusive use.

Year structure built.—(See facsimile of questionnaire item H15 on page App-11.) Year structure built refers to when the building was first constructed, not when it was remodeled, added to, or converted. The figures relate to the number of units in structures built during the specified periods and in existence at the time of enumeration.

Units in structure.—(See facsimiles of questionnaire item H16 and instructions on pages App-11 and App-13.) 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 type and 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. Structures containing

only one housing unit are further classified as detached or attached (as explained on the questionnaire and instruction sheet).

Mobile homes and trailers are shown as a separate category. When one or more rooms have been added to a mobile home or trailer it is classified as a one-family house. If, however, only a porch or shed has been added, it is still counted as a mobile home or trailer.

The data on units in structure shown in this report may differ from the comparable figures in the HC(1)-A report. The answers to item H16 on the sample questionnaire made it possible in the HC(2) tabulations to correctly classify as mobile homes or trailers those which were incorrectly classified as one-family houses or as housing units in multiunit structures in the HC(1)-A tabulations.

Elevator in structure.—(See facsimiles of questionnaire item H24 and instructions on pages App-12 and App-13.) Statistics on elevator in structure are presented in terms of the number of housing units in structures with four stories or more which have a passenger elevator. Units are in a "walk-up" structure of four stories or more if the structure has no passenger elevator or if the only elevator service is for freight.

Plumbing facilities.—(See facsimiles of questionnaire items H5, H6, and H7 and instructions on pages App-10 and App-13.) The category "with all plumbing facilities" consists of units which have hot and cold piped water inside the structure 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 facilities" 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.

Complete bathrooms.—(See facsimile of questionnaire item H21 on page App-11.) A housing unit is classified as having a complete bathroom if it has a room with a flush toilet and bathtub or shower for the exclusive use of the occupants of the unit and a wash basin, as well as piped hot water in the structure. (Although the instructions on the questionnaire do not specify that a complete bathroom must have hot water, this requirement was applied during the processing of the data in an edit combining the items on complete bathrooms and piped water in structure.) A half bathroom has either a flush toilet or a bathtub or shower for exclusive use, but does not have all the facilities for a complete bathroom.

The category "none or also used by another household" consists of units with no bathroom facilities, units with only a half bathroom, and units with bathroom facilities which are also for the use of the occupants of other housing units.

EQUIPMENT, FUELS, AND APPLIANCES

Heating equipment.—(See facsimiles of questionnaire item H14 and instructions on pages App-11 and App-13.) "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 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.

For vacant units from which the heating equipment had been removed, the equipment used by the last occupants was to be reported.

Air conditioning.—(See facsimiles of questionnaire item H22 and instructions on pages App-11 and App-13.) Air conditioning is defined as the cooling of air by a refrigeration unit; excluded are evaporative coolers, fans, or blowers which are not connected to a refrigeration unit. A central system is a central installation which air-conditions the entire housing unit. In an apartment building, a central system may cool all apartments in the building, each apartment may have its own central system, or there may be several systems, each providing central air conditioning for a group of apartments. A central installation with individual room controls is a central air-conditioning system. A room unit is an individual air conditioner which is installed in a window or an outside wall and is generally intended to cool one room, although it may sometimes be used to cool more than one room.

Automobiles available.—(See facsimiles of questionnaire item H23 and instructions on pages App-11 and App-13.) 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. The figures include leased automobiles and company-owned automobiles kept at home. The statistics, therefore, do not reflect the number of automobiles privately owned or the number of households owning automobiles.

Appliances.—(See facsimiles of questionnaire items H27 and instructions on pages App-12 and App-13.)

Automatic clothes washing machine.—This category describes a machine that washes, rinses, and damp dries in the same tub; washer-dryer combinations are included in this group.

Clothes dryer.—A clothes dryer is a mechanical appliance in which clothes are dried by heated air. A unit with a washer-dryer combination is classified as having a clothes dryer (as well as an automatic clothes washing machine.)

Dishwasher.—This category includes both built-in and portable dishwashers.

Home food freezer.—A home food freezer is an appliance, separate from the refrigerator, designed for freezing food and for storing frozen food.

Owned second home.—(See facsimiles of questionnaire item H30 and instructions on pages App-12 and App-13.) A second home may be a single-family house, vacation cottage, hunting cabin, ski lodge, etc., which is owned and held for use sometime during the year by the owner or members of his household. Second homes may also be owned in partnership with members of a different household. The figures include second homes which are some-

times rented or leased on a short-term basis to other persons but are principally held for the owner's occasional use during the year.

The statistics refer to the number of households that own (one or more) second homes. The data, therefore, do not reflect the number of owned second homes.

FINANCIAL CHARACTERISTICS

Value.—(See facsimiles of questionnaire item H11 and instructions on pages App-10 and App-13.) Value is the respondent's estimate of how much the property (house and lot) would sell for if it were for sale. The statistics on value are shown only for one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The value tabulations also exclude mobile homes and trailers and units in cooperatives and condominiums.

As stated in the section on "units in structure," certain mobile homes and trailers were incorrectly classified as one-family houses in the HC(1)-A tabulations. In the HC(2) reports, the number of specified owner-occupied (one-family) units and the value tabulations correctly exclude the misclassified mobile homes and trailers; these tend to be at the lower end of the value distribution. As a result, the data on value shown in this report may differ from the comparable statistics in the HC(1)-A report.

Sales price asked.—For vacant units, the sales price is the amount asked for the property at the time of enumeration. The statistics on sales price are shown only for vacant for sale one-family houses on less than 10 acres without a commercial establishment or medical office on the property.

Gross rent.—(See facsimiles of questionnaire items H12 and H13 and instructions on pages App-10, 11, and 13.) The computed rent termed "gross rent" is the contract rent plus the estimated average monthly cost of utilities (electricity, gas, water) and fuels (oil, coal, kerosene, wood, etc.), if these items are paid for by the renter (or paid for him by someone else, such as a relative, welfare agency, or friend) in addition to rent. Contract rent is the monthly rent agreed to, or contracted for, regardless of any furnishings, utilities, or services that may be included. Thus, gross rent is intended to eliminate differentials which result from varying practices with respect to the inclusion of utilities and fuel as part of the rental payment. The estimated costs of water and fuels are reported on a yearly basis but they are converted to monthly figures in the computation process.

The statistics on rent 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.

Rent asked.—For vacant units, the rent is the amount asked for the unit at the time of enumeration. The data are for vacant year-round units for rent, excluding one-family houses on ten acres or more. In table 10, data are provided for two kinds of vacant-for-rent units—those for which the rent includes payment for all utilities and fuel, and those for which the rent includes only some or none of the utilities and fuel. See section on "Gross rent" above for discussion of utilities and fuel.

Value-income ratio.—The value-income ratio is computed by dividing the value

of the housing unit by the total income in 1969 of the family or primary individual. The ratio is presented for the same owner-occupied units for which value was tabulated; thus, the statistics on value-income ratio reflect the exclusion of certain owner-occupied units. The ratio was computed separately for each unit and was rounded to the nearest tenth. In reporting value, respondents were asked to select an appropriate class interval. The midpoints of the value intervals were used in the computation of the value-income ratio, except that a mean of \$3,500 was assigned for values less than \$5,000 and a mean of \$60,000 was assigned for values of \$50,000 or more. For income, the dollar amounts were used. Units occupied by families or primary individuals who reported no income or a net loss comprise the category "not computed."

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 is presented for the same renter-occupied units for which gross rent was tabulated; thus, the statistics on gross rent as percentage of income reflect the exclusion of certain renter-occupied units. The percentage was computed separately for each unit and was rounded to the nearest whole number. For gross rent, the dollar amounts were used in the computation except that \$999 was assigned for monthly rentals of \$1,000 or more. For income, the dollar amounts were used. Units for which no cash rent is paid and units occupied by families or primary individuals who reported no income or a net loss comprise the category "not computed."

HOUSEHOLD CHARACTERISTICS

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 is reported as the head, her husband was considered the head for the purpose of simplifying the tabulations.

Household composition.—Statistics by age of head are presented separately for two-or-more person households and for one-person households. Households having two or more persons are further subdivided as follows:

Male head, wife present, no non-relatives.—Each household in this group consists of the head and his wife, and other persons, if any, all of whom are related to him.

Other male head.—This category includes households with male head, wife present, with non-relatives living with them; male heads who are married, but with wife absent because of separation or other reason where husband and wife maintain separate residences; and male heads who are widowed, divorced, or single.

Female head.—This group comprises households with female heads regardless of their marital status. Included are female heads with no spouse and female heads whose husbands are living away from their families, as for example, husbands in the Armed Forces living on military installations.

Households consisting of only one person are shown separately as "one-person households" and are not included in the subcategories "other male head" and "female head."

Nonrelative.—A nonrelative of the head is any person in the household who is 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.

Family or primary individual.—Housing units are occupied by either "families" or "primary individuals." The term "family" refers to the head of a household and all (one or more) other persons living in the same household who are related to the head by blood, marriage, or adoption. If the head lives alone or with nonrelatives only, then the head is considered a "primary individual."

Married couples related to the head of a family are included in the family and are not considered as separate families. A lodger, servant, or other person unrelated to the head is considered a member of the household but not of the family.

In the statistics on household composition, families are always included in one of the three major groups of two-or-more person households. Primary individuals with nonrelatives living with them are tabulated as "other male head" or "female head." Primary individuals living alone are always tabulated as "one-person households."

Income in 1969.—Income is the sum of the amounts reported for wage and salary income, 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 received before deductions for personal income taxes, Social Security, bond purchases, union dues, health insurance premiums, Medicare deductions, etc.

In this report, the statistics relate to the income of the family or primary individual occupying the housing unit; that is, the sum of the income of the head of the family and all other members of the family 14 years old and over or the income of the primary individual. Incomes of persons living in the unit but not related to the head of the household are not included in this sum. Although the income statistics cover the calendar year 1969, the characteristics of the household refer to the time of enumeration (April 1970). Thus, the income of the family does not include amounts received by persons who were members of the family during all or part of the calendar year 1969 if these persons no longer resided with the family at the time of the census. On the other hand, family income includes amounts reported by related persons who did not reside with the family during 1969 but who were members of the family at the time of enumeration. For most families, however, the income reported was received by persons who were members of the family throughout 1969.

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. Net self-employment income is defined as net money income (gross receipts minus operating expenses) received from a business, farm, professional enterprise, or partnership in which the person was engaged on his own account.

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. Cash receipt of retire-

ment, 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 not included.

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. (A more detailed discussion of income is given in the 1970 Population Census, PC(1)-C reports.)

APPENDIX B—Continued

FACSIMILES OF THE HOUSING PAGES IN THE 1970 CENSUS QUESTIONNAIRES
(Questions on this page appeared on both the 15-percent and 5-percent questionnaires)

<p>A. How many living quarters, occupied and vacant, are at this address?</p> <p><input type="radio"/> One</p> <p><input type="radio"/> 2 apartments or living quarters</p> <p><input type="radio"/> 3 apartments or living quarters</p> <p><input type="radio"/> 4 apartments or living quarters</p> <p><input type="radio"/> 5 apartments or living quarters</p> <p><input type="radio"/> 6 apartments or living quarters</p> <p><input type="radio"/> 7 apartments or living quarters</p> <p><input type="radio"/> 8 apartments or living quarters</p> <p><input type="radio"/> 9 apartments or living quarters</p> <p><input type="radio"/> 10 or more apartments or living quarters</p> <p><input type="radio"/> This is a mobile home or trailer</p> <p style="text-align: center;"><i>Answer these questions for your living quarters</i></p> <p>H1. Is there a telephone on which people in your living quarters can be called?</p> <p><input type="radio"/> Yes ——— What is the number? _____</p> <p style="text-align: right; margin-right: 50px;"><i>Phone number</i></p> <p>H2. Do you enter your living quarters—</p> <p><input type="radio"/> Directly from the outside or through a common or public hall?</p> <p><input type="radio"/> Through someone else's living quarters?</p> <p>H3. Do you have complete kitchen facilities?</p> <p><i>Complete kitchen facilities are a sink with piped water, a range or cook stove, and a refrigerator.</i></p> <p><input type="radio"/> Yes, for this household only</p> <p><input type="radio"/> Yes, but also used by another household</p> <p><input type="radio"/> No complete kitchen facilities for this household</p> <p>H4. How many rooms do you have in your living quarters?</p> <p><i>Do not count bathrooms, porches, balconies, foyers, halls, or half-rooms.</i></p> <p><input type="radio"/> 1 room <input type="radio"/> 6 rooms</p> <p><input type="radio"/> 2 rooms <input type="radio"/> 7 rooms</p> <p><input type="radio"/> 3 rooms <input type="radio"/> 8 rooms</p> <p><input type="radio"/> 4 rooms <input type="radio"/> 9 rooms or more</p> <p><input type="radio"/> 5 rooms</p> <p>H5. Is there hot and cold piped water in this building?</p> <p><input type="radio"/> Yes, hot and cold piped water in this building</p> <p><input type="radio"/> No, only cold piped water in this building</p> <p><input type="radio"/> No piped water in this building</p> <p>H6. Do you have a flush toilet?</p> <p><input type="radio"/> Yes, for this household only</p> <p><input type="radio"/> Yes, but also used by another household</p> <p><input type="radio"/> No flush toilet</p> <p>H7. Do you have a bathtub or shower?</p> <p><input type="radio"/> Yes, for this household only</p> <p><input type="radio"/> Yes, but also used by another household</p> <p><input type="radio"/> No bathtub or shower</p> <p>H8. Is there a basement in this building?</p> <p><input type="radio"/> Yes</p> <p><input type="radio"/> No, built on a concrete slab</p> <p><input type="radio"/> No, built in another way (include mobile homes and trailers)</p>	<p>H9. Are your living quarters—</p> <p><input type="radio"/> Owned or being bought by you or by someone else in this household? <i>Do not include cooperatives and condominiums here.</i></p> <p><input type="radio"/> A cooperative or condominium which is owned or being bought by you or by someone else in this household?</p> <p><input type="radio"/> Rented for cash rent?</p> <p><input type="radio"/> Occupied without payment of cash rent?</p> <p>H10a. Is this building a one-family house?</p> <p><input type="radio"/> Yes, a one-family house</p> <p><input type="radio"/> No, a building for 2 or more families or a mobile home or trailer</p> <p>b. If "Yes"—Is this house on a place of 10 acres or more, or is any part of this property used as a commercial establishment or medical office?</p> <p><input type="radio"/> Yes, 10 acres or more</p> <p><input type="radio"/> Yes, commercial establishment or medical office</p> <p><input type="radio"/> No, none of the above</p> <p>H11. If you live in a one-family house which you own or are buying—</p> <p>What is the value of this property; that is, how much do you think this property (house and lot) would sell for if it were for sale?</p> <p><input type="radio"/> Less than \$5,000</p> <p><input type="radio"/> \$5,000 to \$7,499</p> <p><input type="radio"/> \$7,500 to \$9,999</p> <p><input type="radio"/> \$10,000 to \$12,499</p> <p><input type="radio"/> \$12,500 to \$14,999</p> <p><input type="radio"/> \$15,000 to \$17,499</p> <p><input type="radio"/> \$17,500 to \$19,999</p> <p><input type="radio"/> \$20,000 to \$24,999</p> <p><input type="radio"/> \$25,000 to \$34,999</p> <p><input type="radio"/> \$35,000 to \$49,999</p> <p><input type="radio"/> \$50,000 or more</p> <div style="border: 1px solid black; padding: 5px; font-size: small;"> <p><i>If this house is on a place of 10 acres or more, or if any part of this property is used as a commercial establishment or medical office, do not answer this question.</i></p> </div> <p>H12. Answer this question if you pay rent for your living quarters.</p> <p>a. If rent is paid by the month—</p> <p>What is the monthly rent?</p> <p>Write amount here → \$ _____ .00 (Nearest dollar)</p> <p style="text-align: center;"><i>and</i></p> <p>Fill one circle →</p> <p><input type="radio"/> Less than \$30</p> <p><input type="radio"/> \$30 to \$39</p> <p><input type="radio"/> \$40 to \$49</p> <p><input type="radio"/> \$50 to \$59</p> <p><input type="radio"/> \$60 to \$69</p> <p><input type="radio"/> \$70 to \$79</p> <p><input type="radio"/> \$80 to \$89</p> <p><input type="radio"/> \$90 to \$99</p> <p><input type="radio"/> \$100 to \$119</p> <p><input type="radio"/> \$120 to \$149</p> <p><input type="radio"/> \$150 to \$199</p> <p><input type="radio"/> \$200 to \$249</p> <p><input type="radio"/> \$250 to \$299</p> <p><input type="radio"/> \$300 or more</p> <p>b. If rent is not paid by the month—</p> <p>What is the rent, and what period of time does it cover?</p> <p>\$ _____ .00 per _____</p> <p style="text-align: center;"><i>(Nearest dollar) (Week, half-month, year, etc.)</i></p>	<p>FOR CENSUS ENUMERATOR'S USE ONLY</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th style="width:50%;">a4. Block number</th> <th style="width:50%;">a5. Serial number</th> </tr> </thead> <tbody> <tr><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td></tr> </tbody> </table> <p>B. Type of unit or quarters</p> <p>Occupied</p> <p><input type="radio"/> First form</p> <p><input type="radio"/> Continuation</p> <p>Vacant</p> <p><input type="radio"/> Regular</p> <p><input type="radio"/> Usual residence elsewhere</p> <p>Group quarters</p> <p><input type="radio"/> First form</p> <p><input type="radio"/> Continuation</p> <p><i>For a vacant unit, also fill C, D, A, H2 to H8, and H10 to H12</i></p> <p>C. Vacancy status</p> <p>Year round—</p> <p><input type="radio"/> For rent</p> <p><input type="radio"/> For sale only</p> <p><input type="radio"/> Rented or sold, not occupied</p> <p><input type="radio"/> Held for occasional use</p> <p><input type="radio"/> Other vacant</p> <p><input type="radio"/> Seasonal</p> <p><input type="radio"/> Migratory</p> <p>D. Months vacant</p> <p><input type="radio"/> Less than 1 month</p> <p><input type="radio"/> 1 up to 2 months</p> <p><input type="radio"/> 2 up to 6 months</p> <p><input type="radio"/> 6 up to 12 months</p> <p><input type="radio"/> 1 year up to 2 years</p> <p><input type="radio"/> 2 years or more</p> <p>C/O <input type="radio"/> <input type="radio"/></p>	a4. Block number	a5. Serial number	0	0	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8	8	9	9
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FACSIMILES OF THE HOUSING PAGES IN THE 1970 CENSUS QUESTIONNAIRES
(Percent indicates sample size)

<p>H13. Answer question H13 if you pay rent for your living quarters. In addition to the rent entered in H12, do you also pay for—</p> <p>a. Electricity?</p> <p><input type="radio"/> Yes, average monthly cost is → \$ _____ .00 Average monthly cost</p> <p><input type="radio"/> No, included in rent</p> <p><input type="radio"/> No, electricity not used</p> <p>b. Gas?</p> <p><input type="radio"/> Yes, average monthly cost is → \$ _____ .00 Average monthly cost</p> <p><input type="radio"/> No, included in rent</p> <p><input type="radio"/> No, gas not used</p> <p>c. Water?</p> <p><input type="radio"/> Yes, yearly cost is → \$ _____ .00 Yearly cost</p> <p><input type="radio"/> No, included in rent or no charge</p> <p>d. Oil, coal, kerosene, wood, etc.?</p> <p><input type="radio"/> Yes, yearly cost is → \$ _____ .00 Yearly cost</p> <p><input type="radio"/> No, included in rent</p> <p><input type="radio"/> No, these fuels not used</p>	<p>H19. Do you get water from—</p> <p><input type="radio"/> A public system (city water department, etc.) or private company?</p> <p><input type="radio"/> An individual well?</p> <p><input type="radio"/> Some other source (a spring, creek, river, cistern, etc.)?</p>
<p>H14. How are your living quarters heated? Fill <u>one</u> circle for the kind of heat you use most.</p> <p><input type="radio"/> Steam or hot water system</p> <p><input type="radio"/> Central warm air furnace with ducts to the individual rooms, or central heat pump</p> <p><input type="radio"/> Built-in electric units (permanently installed in wall, ceiling, or baseboard)</p> <p><input type="radio"/> Floor, wall, or pipeless furnace</p> <p><input type="radio"/> Room heaters with flue or vent, burning gas, oil, or kerosene</p> <p><input type="radio"/> Room heaters without flue or vent, burning gas, oil, or kerosene (not portable)</p> <p><input type="radio"/> Fireplaces, stoves, or portable room heaters of any kind</p> <p>In some other way—Describe → _____</p> <p><input type="radio"/> None, unit has no heating equipment</p>	<p>H20. Is this building connected to a public sewer?</p> <p><input type="radio"/> Yes, connected to public sewer</p> <p><input type="radio"/> No, connected to septic tank or cesspool</p> <p><input type="radio"/> No, use other means</p>
<p>H15. About when was this building originally built? Mark when the building was first constructed, not when it was remodeled, added to, or converted.</p> <p><input type="radio"/> 1969 or 1970 <input type="radio"/> 1950 to 1959</p> <p><input type="radio"/> 1965 to 1968 <input type="radio"/> 1940 to 1949</p> <p><input type="radio"/> 1960 to 1964 <input type="radio"/> 1939 or earlier</p>	<p>H21. How many bathrooms do you have? A complete bathroom is a room with flush toilet, bathtub or shower, and wash basin with piped water. A half bathroom has at least a flush toilet or bathtub or shower, but does <u>not</u> have all the facilities for a complete bathroom.</p> <p><input type="radio"/> No bathroom, or only a half bathroom</p> <p><input type="radio"/> 1 complete bathroom</p> <p><input type="radio"/> 1 complete bathroom, plus half bath(s)</p> <p><input type="radio"/> 2 complete bathrooms</p> <p><input type="radio"/> 2 complete bathrooms, plus half bath(s)</p> <p><input type="radio"/> 3 or more complete bathrooms</p>
<p>H16. Which best describes this building? Include all apartments, flats, etc., even if vacant.</p> <p><input type="radio"/> A one-family house detached from any other house</p> <p><input type="radio"/> A one-family house attached to one or more houses</p> <p><input type="radio"/> A building for 2 families</p> <p><input type="radio"/> A building for 3 or 4 families</p> <p><input type="radio"/> A building for 5 to 9 families</p> <p><input checked="" type="radio"/> A building for 10 to 19 families</p> <p><input type="radio"/> A building for 20 to 49 families</p> <p><input type="radio"/> A building for 50 or more families</p> <p><input type="radio"/> A mobile home or trailer</p> <p>Other— Describe _____</p>	<p>H22. Do you have air-conditioning?</p> <p><input type="radio"/> Yes, 1 individual room unit</p> <p><input type="radio"/> Yes, 2 or more individual room units</p> <p><input type="radio"/> Yes, a central air-conditioning system</p> <p><input type="radio"/> No</p>
<p>H17. Is this building—</p> <p><input type="radio"/> On a city or suburban lot?— Skip to H19</p> <p><input type="radio"/> On a place of less than 10 acres?</p> <p><input type="radio"/> On a place of 10 acres or more?</p>	<p>H23. How many passenger automobiles are owned or regularly used by members of your household? Count company cars kept at home.</p> <p><input type="radio"/> None</p> <p><input type="radio"/> 1 automobile</p> <p><input type="radio"/> 2 automobiles</p> <p><input type="radio"/> 3 automobiles or more</p>
<p>H18. Last year, 1969, did sales of crops, livestock, and other farm products from this place amount to—</p> <p><input type="radio"/> Less than \$50 (or None)</p> <p><input type="radio"/> \$50 to \$249</p> <p><input type="radio"/> \$250 to \$2,499</p> <p><input type="radio"/> \$2,500 to \$4,999</p> <p><input type="radio"/> \$5,000 to \$9,999</p> <p><input type="radio"/> \$10,000 or more</p>	

15 and 5 percent

15 percent

APPENDIX B—Continued

FACSIMILES OF THE HOUSING PAGES IN THE 1970 CENSUS QUESTIONNAIRES
(Percent indicates sample size)

<p>H13. Answer question H13 if you <u>pay rent</u> for your living quarters. In addition to the rent entered in H12, do you also pay for—</p> <p>a. Electricity?</p> <p><input type="radio"/> Yes, average monthly cost is → \$ _____ .00 Average monthly cost</p> <p><input type="radio"/> No, included in rent</p> <p><input type="radio"/> No, electricity not used</p> <hr/> <p>b. Gas?</p> <p><input type="radio"/> Yes, average monthly cost is → \$ _____ .00 Average monthly cost</p> <p><input type="radio"/> No, included in rent</p> <p><input type="radio"/> No, gas not used</p> <hr/> <p>c. Water? <input checked="" type="checkbox"/></p> <p><input type="radio"/> Yes, yearly cost is → \$ _____ .00 Yearly cost</p> <p><input type="radio"/> No, included in rent or no charge</p> <hr/> <p>d. Oil, coal, kerosene, wood, etc.?</p> <p><input type="radio"/> Yes, yearly cost is → \$ _____ .00 Yearly cost</p> <p><input type="radio"/> No, included in rent</p> <p><input type="radio"/> No, these fuels not used</p> <hr/> <p>H14. How are your living quarters heated? Fill <u>one</u> circle for the kind of heat you use most.</p> <p><input type="radio"/> Steam or hot water system</p> <p><input type="radio"/> Central warm air furnace with ducts to the individual rooms, or central heat pump</p> <p><input type="radio"/> Built-in electric units (permanently installed in wall, ceiling, or baseboard) <input checked="" type="checkbox"/></p> <p><input type="radio"/> Floor, wall, or pipeless furnace</p> <p><input type="radio"/> Room heaters <u>with</u> flue or vent, burning gas, oil, or kerosene</p> <p><input type="radio"/> Room heaters <u>without</u> flue or vent, burning gas, oil, or kerosene (not portable)</p> <p><input type="radio"/> Fireplaces, stoves, or portable room heaters of any kind</p> <p>In some other way—Describe → _____</p> <p><input type="radio"/> None, unit has no heating equipment</p> <hr/> <p>H15. About when was this building originally built? Mark when the building was first constructed, not when it was remodeled, added to, or converted.</p> <p><input type="radio"/> 1969 or 1970</p> <p><input type="radio"/> 1965 to 1968 <input checked="" type="checkbox"/></p> <p><input type="radio"/> 1960 to 1964</p> <p><input type="radio"/> 1950 to 1959</p> <p><input type="radio"/> 1940 to 1949</p> <p><input type="radio"/> 1939 or earlier</p> <hr/> <p>H16. Which best describes this building? Include all apartments, flats, etc., even if vacant.</p> <p><input type="radio"/> A one-family house detached from any other house</p> <p><input type="radio"/> A one-family house attached to one or more houses</p> <p><input type="radio"/> A building for 2 families</p> <p><input type="radio"/> A building for 3 or 4 families</p> <p><input type="radio"/> A building for 5 to 9 families</p> <p><input checked="" type="radio"/> A building for 10 to 19 families <input checked="" type="checkbox"/></p> <p><input type="radio"/> A building for 20 to 49 families</p> <p><input type="radio"/> A building for 50 or more families</p> <p><input type="radio"/> A mobile home or trailer</p> <p>Other— Describe _____</p> <hr/> <p>H17. Is this building—</p> <p><input type="radio"/> On a city or suburban lot?— Skip to H24</p> <p><input type="radio"/> On a place of less than 10 acres?</p> <p><input type="radio"/> On a place of 10 acres or more?</p> <hr/> <p>H18. Last year, 1969, did sales of crops, livestock, and other farm products from this place amount to—</p> <p><input type="radio"/> Less than \$50 (or None) <input checked="" type="checkbox"/></p> <p><input type="radio"/> \$50 to \$249</p> <p><input type="radio"/> \$250 to \$2,499</p> <p><input type="radio"/> \$2,500 to \$4,999</p> <p><input type="radio"/> \$5,000 to \$9,999</p> <p><input type="radio"/> \$10,000 or more</p>	<p>H24a. How many stories (floors) are in this building?</p> <p><input type="radio"/> 1 to 3 stories</p> <p><input type="radio"/> 4 to 6 stories</p> <p><input type="radio"/> 7 to 12 stories</p> <p><input checked="" type="radio"/> 13 stories or more</p> <hr/> <p>b. If 4 or more stories— Is there a passenger elevator in this building?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p> <hr/> <p>H25a. Which fuel is used most for cooking?</p> <p>Gas <input checked="" type="checkbox"/> From underground pipes serving the neighborhood.</p> <p>Gas <input type="radio"/> Bottled, tank, or LP</p> <p>Electricity <input type="radio"/></p> <p>Fuel oil, kerosene, etc. <input type="radio"/></p> <p>Coal or coke <input type="radio"/></p> <p>Wood <input type="radio"/></p> <p>Other fuel <input type="radio"/></p> <p>No fuel used <input type="radio"/></p> <hr/> <p>b. Which fuel is used most for house heating?</p> <p>Gas <input checked="" type="checkbox"/> From underground pipes serving the neighborhood.</p> <p>Gas <input type="radio"/> Bottled, tank, or LP</p> <p>Electricity <input type="radio"/></p> <p>Fuel oil, kerosene, etc. <input type="radio"/></p> <p>Coal or coke <input type="radio"/></p> <p>Wood <input type="radio"/></p> <p>Other fuel <input type="radio"/></p> <p>No fuel used <input type="radio"/></p> <hr/> <p>c. Which fuel is used most for water heating?</p> <p>Gas <input checked="" type="checkbox"/> From underground pipes serving the neighborhood.</p> <p>Gas <input type="radio"/> Bottled, tank, or LP</p> <p>Electricity <input type="radio"/></p> <p>Fuel oil, kerosene, etc. <input type="radio"/></p> <p>Coal or coke <input type="radio"/></p> <p>Wood <input type="radio"/></p> <p>Other fuel <input type="radio"/></p> <p>No fuel used <input type="radio"/></p> <hr/> <p>H26. How many bedrooms do you have? Count rooms used mainly for sleeping even if used also for other purposes.</p> <p><input type="radio"/> No bedroom</p> <p><input type="radio"/> 1 bedroom</p> <p><input type="radio"/> 2 bedrooms</p> <p><input checked="" type="radio"/> 3 bedrooms</p> <p><input type="radio"/> 4 bedrooms</p> <p><input type="radio"/> 5 bedrooms or more</p> <hr/> <p>H27a. Do you have a clothes washing machine?</p> <p><input type="radio"/> Yes, automatic or semi-automatic</p> <p><input type="radio"/> Yes, wringer or separate spinner</p> <p><input type="radio"/> No</p> <hr/> <p>b. Do you have a clothes dryer?</p> <p><input type="radio"/> Yes, electrically heated</p> <p><input type="radio"/> Yes, gas heated</p> <p><input type="radio"/> No <input checked="" type="checkbox"/></p> <hr/> <p>c. Do you have a dishwasher (built-in or portable)?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p> <hr/> <p>d. Do you have a home food freezer which is separate from your refrigerator?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p> <hr/> <p>H28a. Do you have a television set? Count only sets in working order.</p> <p><input type="radio"/> Yes, one set</p> <p><input type="radio"/> Yes, two or more sets</p> <p><input type="radio"/> No</p> <hr/> <p>b. If "Yes"—Is any set equipped to receive UHF broadcasts, that is, channels 14 to 83?</p> <p><input type="radio"/> Yes <input type="radio"/> No <input checked="" type="checkbox"/></p> <hr/> <p>H29. Do you have a battery-operated radio? Count car radios, transistors, and other battery-operated sets in working order or needing only a new battery for operation.</p> <p><input type="radio"/> Yes, one or more <input type="radio"/> No</p> <hr/> <p>H30. Do you (or any member of your household) own a second home or other living quarters which you occupy sometime during the year?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p>
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15 and 5 percent

5 percent

FACSIMILE OF THE RESPONDENT INSTRUCTIONS FOR THE HOUSING QUESTIONS IN THE 1970 CENSUS

If you live in an apartment building and you do not know the answers to questions H14, H15, H16, and H25, ask the person who runs your building (for example, the manager, rental agent, superintendent, janitor, etc.).

- A. Mark only one circle. This address means the house or building number where your living quarters are located.
- H1. Mark **Yes** and enter telephone number, even if the telephone is in another apartment or building.
- H2. Mark the second circle only if you **must** go through someone else's living quarters to get to your own.
- H3. The kitchen sink, stove, and refrigerator do **not** have to be in the same room.
Also used by another household means that someone else who lives in the same building, but is not a member of your household, also uses the equipment. Mark this circle also if the occupants of living quarters now vacant would also use the equipment.
- H4. Count only whole rooms used for living purposes, such as living rooms, dining rooms, kitchens, bedrooms, finished recreation rooms, family rooms, etc. Do **not** count kitchenettes, strip or pullman kitchens; utility rooms; or unfinished attics, basements, or other space used for storage.
- H5. Mark **hot water** even if you have it only part of the time.
- H6, H7. See instructions for H3 for meaning of **Also used by another household**.
- H8. A house has a **basement** if there is enclosed space in which persons can walk upright under all or part of the building. A house on a **concrete slab** has no basement and no air or crawl space below it. A house built in **another way** is one directly on the ground or resting on a foundation or posts to provide crawl space.
- H9. **Owned or being bought** means that the living quarters are owned outright or are mortgaged. Also mark **Owned or being bought** if the living quarters are owned but the land is rented.
Mark Rented for cash rent if any money rent is paid. Rent may be paid by persons who are not members of your household.
Occupied without payment of cash rent includes, for example, a parsonage, a house or apartment provided free of rent by the owner, or a house or apartment occupied by a janitor or caretaker in exchange for services.
- H10. A **commercial establishment** is easily recognized from the outside; for example, a grocery store or barber shop. A **medical office** is a doctor's or dentist's office regularly visited by patients. If your house is on a place of 10 acres or more and also contains a commercial establishment or medical office, mark **Yes, 10 acres or more**.
- H11. Include the value of the house, the land it is on, and any other structures on the same property. If the house is owned but the land is rented, estimate the combined value of the house and the land.
- H12. Report the rent agreed to or contracted for, even if the furnishings, utilities, or services are included.
a. If you pay rent by the month, write in the amount of rent and fill one circle.
b. If rent is not paid by the month, answer both parts of b. For example, \$20 per week, \$1,500 per year, etc.
- H13. If exact costs are not known, estimate as closely as possible. Report amounts even if bills are unpaid or are paid by someone else. If the bills include utilities or fuel used also by another apartment or a business establishment, estimate the amounts for your own living quarters. If gas and electricity are billed together, enter the combined amount on the electricity line and bracket ({) the two utilities.
- H14. This question refers to the type of **heating equipment** and not to the fuel used.
A **heat pump** is sometimes known as a **reverse cycle** system.
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. These furnaces do not have ducts leading to other rooms.
Any heater that you plug into an electric outlet should be counted as a **portable room heater**--not a built-in electric unit.
- H16. Count all occupied and vacant living quarters in the house or building, but not stores or office space.
Detached means there is open space on all sides, or the house is joined only to a shed or garage. **Attached** means that the house is joined to another house or building by at least one wall which goes from ground to roof.
- H17. A **city or suburban lot** is usually located in a city, a community, or any built-up area outside a city or community, and is not larger than the house and yard. All living quarters in apartment buildings, including garden-type apartments in the city or suburbs, are considered on a **city or suburban lot**.
A **place** is a farm, ranch, or any other property, other than a city or suburban lot, on which this **residence** is located.
- H18. Fill the circle for the total (gross) amount of money received from the sales of crops, livestock, and other farm products produced on this place during the calendar year 1969.
- H19. If a well provides water for six or more houses or apartments, mark a **public system**. If a well provides water for five or fewer houses or apartments, mark an **individual well**.
- H20. A **public sewer** is operated by a government body or a private organization. A **septic tank or cesspool** is an underground tank or pit used for disposal of sewage.
- H22. Count only equipment with a refrigeration unit to cool the air. Mark an **individual room unit** for air conditioners which are installed in a window or in an outside wall and are used to cool one or more rooms. Mark a **central system** for a central installation which cools the entire house or apartment.
- H23. Do not count cars permanently out of working order. Also do not count taxicabs, pickups, or larger trucks.
- H24a. Do not count a basement as a story.
b. Do not count elevators used only for freight.
- H25. **Gas from underground pipes** is piped in from a central system such as a public utility company or a municipal government. **Bottled, tank, or LP gas** is stored in tanks which are refilled or exchanged when empty. **Other fuel** includes any fuel not separately listed, for example, purchased steam, fuel briquettes, waste material, etc.
- H27. Mark the **Yes** circle whether you own the appliance or it is provided as part of the equipment in your living quarters. Do **not** count coin-operated equipment or appliances in storage.
- H28. Count any set **equipped** to receive UHF (ultra high frequency) broadcasts, even if there are no such broadcasts in your area. Include sets that can be tuned directly to channels 14 to 83 and sets that receive UHF broadcasts by means of a converter. Also include sets that receive UHF broadcasts through a community antenna (CATV) or master antenna.
- H29. A battery-operated radio is one that can be run on batteries and does not need to be plugged into an electric socket. Include battery-operated sets owned by any member of the household.
- H30. Do **not** count vacation trailers, tents, or boats. Also do **not** count second homes used only for investment purposes.

Appendix C.—ACCURACY OF THE DATA

SOURCES OF ERROR.....	App-14
EDITING OF UNACCEPTABLE DATA	App-14
SAMPLE DESIGN	App-14
RATIO ESTIMATION	App-15
SAMPLING VARIABILITY	App-16

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, the manual editing and coding operations, 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. 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 housing as accurately and clearly as possible. To meet this objective, certain unacceptable entries were edited.

Whenever information was missing, an allocation procedure was used to assign an entry, thereby eliminating the need for a "not reported" category in the tabulations. 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." On the other hand, if the unit was reported as rented but the amount of rent was missing, the computer automatically assigned the rent that was reported for the preceding renter-occupied unit.

A similar procedure was used when the information reported for an item was inconsistent with other information reported for the unit. For example, if a housing unit was enumerated as having no piped water but having both a bathtub (or shower) and flush toilet for the exclusive use of the occupants of the unit, the computer edited water supply to "hot and cold water," a category considered to be consistent with the reported bathing and toilet facilities.

Specific tolerances were established for the number of computer allocations that would be permitted. If the number of corrections was beyond tolerance, the questionnaires in which the errors occurred were clerically reviewed. If it was found that the errors resulted from damaged questionnaires, from improper micro-filming, from faulty reading by FOSDIC of undamaged questionnaires, or from other types of machine failure, the questionnaires were reprocessed.

The extent of allocations for non-responses and inconsistencies is given

for SMSA's and places in the allocation tables in the 1970 Population Census PC(1)-B and PC(1)-C reports, and in the Housing Census HC(1)-A and HC(1)-B reports.

SAMPLE DESIGN

For sample data collected in 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 non-mail 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 non-mail areas. As in other areas, every fifth housing unit on 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; as indicated in Appendix B, information on the housing characteristics of group quarters was not collected in the census.

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 A.

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 larger areas the deviation from 20 percent was found to be quite small. Biases may have arisen, however, when the enumerator failed to follow his listing and sampling instructions exactly. Quality control procedures were used throughout the census process, and where there was clear evidence that the sampling proce-

dures were not properly followed, some enumerators' assignments were returned to the field for resampling. Estimates for the United States as a whole indicate that 19.6 percent of the total population and 19.7 percent of the total housing units were enumerated on sample questionnaires. The computation of these proportions excluded several classes of the population and housing units for which no attempt at sampling was made. These were 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. However, the ratio estimation procedure described below adjusts the sample data to reflect these classes of population and housing units.

TABLE A. Sample Rate for Subjects Included in This Report

Subject	Sample rate (percent)	Subject	Sample rate (percent)
OCCUPANCY CHARACTERISTICS		EQUIPMENT AND APPLIANCES	
Occupied housing units	20	Heating equipment	20
Tenure	20	Air conditioning	15
Race	20	Automobiles available	15
Spanish heritage	15	Second home	5
Year moved into unit	15	Clothes washing machine	5
		Clothes dryer	5
VACANCY CHARACTERISTICS		Dishwasher	5
Vacant for sale	20	Home food freezer	5
Vacant for rent	20		
Duration of vacancy	20	FINANCIAL CHARACTERISTICS	
UTILIZATION CHARACTERISTICS		Value	20
Number of rooms	20	Sales price asked	20
Size of household (persons)	20	Gross rent	20
Persons per room	20	Rent asked	20
Bedrooms	5	Inclusion of utilities	
PLUMBING CHARACTERISTICS		in rent	20
Plumbing facilities	20	Value-income ratio	20
Complete bathrooms	15	Gross rent as percentage	
STRUCTURAL CHARACTERISTICS		of income	20
Complete kitchen		HOUSEHOLD CHARACTERISTICS	
facilities	20	Household composition	20
Access	20	Income	20
Units in structure	20		
Mobile home or trailer	20		
Year structure built	20		
Elevator in structure	5		

RATIO ESTIMATION

The statistics based on 1970 census sample data are estimates made through the use of ratio estimation procedures which were applied separately for the 5-, 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." For the 15- and 20-percent samples the weighting areas contained a minimum population size of 2,500. The weighting areas used for the 5-percent ratio estimate were larger areas having a minimum population size of 25,000 and comprising combinations of the weighting areas used for the 15- and 20-percent samples. Weighting areas were established by a mechanical operation on the computer and were defined to conform, as nearly as possible, to areas for which tabulations are produced. Where these areas do

not agree (primarily for smaller areas), there may be some differences between complete counts and sample estimates.

The ratio estimation process 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.

Group

Occupied housing units:

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:

23	Year-round vacant for sale
24	Year-round vacant for rent
25	Other vacant

At each stage, for each of the occupied housing groups, the ratio of the complete count to the weighted sample count of the housing units in the group was computed and applied to the weight of each sample unit in the group. This operation was performed for each of the 18 groups in the first stage, then for the four groups in the second stage. As a rule, the weighted sample counts within each of the 4 groups in the second stage for occupied units should agree with the complete counts for the weighting areas (close, although not exact consistency can be expected for the 18 groups in the first stage). Similarly, the weighted sample counts within each of the 3 groups in the single stage for vacant housing units should agree with the complete counts for the weighting area.

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. Furthermore, in order to increase the reliability, a separate ratio was not computed in a group whenever certain criteria pertaining to the complete count of housing units and the magnitude of the weight were not met. For example, for the 20-percent sample the complete count of units in a group had to exceed 70 units 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, con-

sistency 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 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 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 population 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 housing unit 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 the 20-, 15-, and 5-percent sample tabulations are subject to sampling variability. The standard errors of these estimates can be approximated by using the data in tables B through D. 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 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 $2\frac{1}{2}$ 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 D in conjunction with table B for absolute numbers and in conjunction with table C for percentages. 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 B 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 size of the area over which the data have been compiled are ignored. Table C shows standard errors of most percentages based on the 20-percent sample. Linear interpolation in tables B and C will provide approximate results that are satisfactory for most purposes. Table D provides a factor by which the standard errors shown in tables B or C should be multiplied to adjust for the effect of the sample size (i.e., whether a 15-percent or 5-percent sample) and the effect of the estimation procedure.

To estimate the standard error for a given characteristic, locate the factor in table D for the appropriate characteristic and the sample size used to tabulate the data, and multiply this

factor by the standard error found in table B or C. Where data are shown as cross-classifications of two characteristics, locate and use the larger factor. Similarly, if an item, although collected on one sample basis, has been tabulated for a smaller sample, use the factor appropriate for the smaller 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 sample statistics for 1970 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 characteristics 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 B

through D. The standard error of a 1960 sample figure may be obtained from the relevant 1960 census report.

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 rooms, median value, median gross 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 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 B, 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 sub-

tracting from and adding to one-half the number reporting the characteristics. Interpolation to obtain the

values corresponding to these numbers gives the confidence limits for the median.

TABLE B. Approximate Standard Error of Estimated Number Based on 20-Percent Sample
(Range of 2 chances out of 3; for factors to be applied see table D and text)

Estimated number ¹	Number of housing units in area ²						
	10,000	25,000	100,000	250,000	1,000,000	2,500,000	4,000,000
50	15	15	15	15	15	15	15
100	20	20	20	20	20	20	20
250	30	30	30	30	30	30	30
500	45	45	45	45	45	45	45
1,000	60	60	65	65	65	65	65
2,500	90	95	100	100	100	100	100
5,000	100	130	140	140	140	140	140
10,000 .....	...	150	190	200	200	200	200
15,000 .....	...	150	230	240	240	240	240
25,000 .....	...	...	270	300	310	310	320
50,000 .....	...	...	320	400	440	440	440
75,000 .....	...	...	270	450	520	540	540
100,000 .....	...	...	...	490	600	620	630

¹ For estimated numbers larger than 100,000, the relative errors are somewhat smaller than for 100,000.

² An area is the smallest complete geographic area to which the estimate under consideration pertains. Thus, the area may be the standard metropolitan statistical area or the place. Housing units with Negro heads of household or Spanish heritage heads of household do not represent complete areas.

TABLE C. Approximate Standard Error of Estimated Percentage Based on 20-Percent Sample
(Range of 2 chances out of 3; for factors to be applied see table D and text)

Estimated percentage	Base of percentage						
	500	1,000	2,500	10,000	25,000	100,000	250,000
2 or 98	1.3	0.9	0.6	0.3	0.2	0.1	0.1
5 or 95	2.0	1.4	0.9	0.4	0.3	0.1	0.1
10 or 90	2.7	1.9	1.2	0.6	0.4	0.2	0.1
25 or 75	3.9	2.7	1.7	0.9	0.5	0.3	0.2
50	4.5	3.2	2.0	1.0	0.6	0.3	0.2

TABLE D. Factor to be Applied to Standard Errors

Characteristic ¹	Factor if sample rate is—			Characteristic ¹	Factor if sample rate is—		
	20 percent	15 percent	5 percent		20 percent	15 percent	5 percent
OCCUPANCY AND VACANCY CHARACTERISTICS				EQUIPMENT, FUELS, AND APPLIANCES			
Year moved into unit .....	...	1.1	...	Heating equipment	0.8	0.9	...
Duration of vacancy	0.8	...	1.7	Air conditioning .....	...	1.1	...
UTILIZATION CHARACTERISTICS				Automobiles available			
Rooms	1.0	1.1	2.1	Appliances .....	...	...	1.9
Size of household (persons)	0.5	0.6	1.2	FINANCIAL CHARACTERISTICS			
Persons per room	0.4	0.5	0.9	Value	1.0	1.1	2.1
Bedrooms .....	...	...	2.1	Value-income ratio	1.0	1.2	...
PLUMBING CHARACTERISTICS				Gross rent	0.9	1.1	2.1
Complete bathrooms .....	...	1.1	...	Gross rent as percentage of income	1.0	1.2	...
Plumbing facilities	1.0	...	...	Sales price asked	1.1	...	2.5
STRUCTURAL CHARACTERISTICS				Rent asked	1.1	...	2.5
Units in structure	0.8	0.9	1.7	HOUSEHOLD CHARACTERISTICS			
Year structure built	0.9	1.0	...	Household composition	0.6	0.7	...
				Income in 1969	1.0	1.2	2.3
				ALL OTHERS	1.0	1.2	2.2

¹Tabulations of housing data for households with heads of Spanish heritage are based on the 15-percent sample. For characteristics of households with heads of Spanish heritage (tables 19 to 26), use the factors given for the 15-percent sample.

NOTE: In this report an item collected for the 20-percent sample may be cross-tabulated with other items based on the 15-percent or 5-percent samples. In such cases, locate the factor for both items in Table D for the smaller sample size. Use the larger of the two factors. For example, in Table 9, duration of vacancy (a 20-percent item) is cross-tabulated by number of bedrooms (a 5-percent item). The factor for duration of vacancy based on a 5-percent sample is 1.7 and for bedrooms it is 2.1. The factor of 2.1 should be used to adjust the standard errors since it is the larger of the two factors based on the 5-percent sample.

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.

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 clothbound 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), standard metropolitan statistical areas (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), cover most of the 1970 census housing subjects in considerable detail and cross-classification. There is 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, home-owner 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 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.

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 clothbound 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, 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 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 is 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.

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 consists 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 51 cities and seven rural poverty areas. Each report provides 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 is 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 are generally 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—contains 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 are available only on tape.

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

The tapes are generally organized on a State basis. To use the First Count and Third Count tapes, it is 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 makes available for purchase certain sample tape files containing population and housing characteristics as shown on individual census records. These files contain no names or addresses, and the geographic identification is sufficiently broad to protect confidentiality. There are six files, each containing a 1-percent national sample of persons and housing units. Three of the files are 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 provides a different type of geographic information: One identifies individual large SMSA's and, for the rest of the country, groups of counties; the second individual States and, where they are sufficiently large, provides urban-rural and metropolitan-nonmetropolitan detail; and the third State groups and size of place, with each individual record showing selected characteristics of the persons's neighborhood.

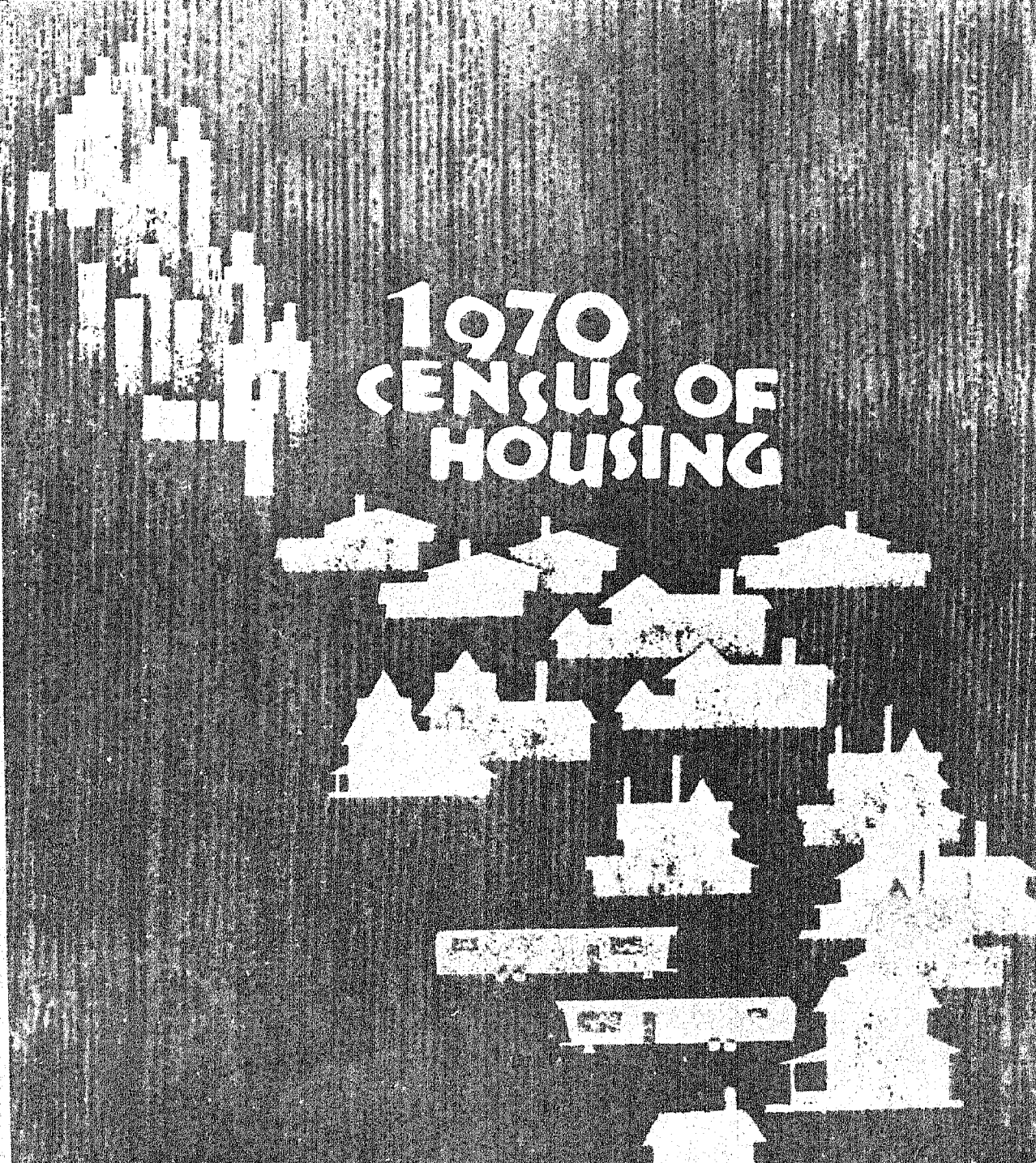
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Metropolitan Housing Characteristics

NASHVILLE-DAVIDSON, TENN.
STANDARD METROPOLITAN STATISTICAL AREA

HC(2)-143

The background of the lower half of the cover is a dark, textured surface. On the left side, there is a stylized white silhouette of a city skyline with several tall buildings of varying heights. In the center and right, there is a cluster of white silhouettes of various house shapes, including single-story bungalows, two-story houses, and mobile homes. The text "1970 CENSUS OF HOUSING" is printed in large, bold, white, sans-serif capital letters, centered over the house silhouettes.

1970 CENSUS OF HOUSING

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OF COMMERCE
Social and Economic
Statistics Administration

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THE CENSUS

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HOUSING DIVISION

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**1970
CENSUS OF
HOUSING**

Metropolitan
Housing
Characteristics

**NASHVILLE-DAVIDSON, TENN.
STANDARD METROPOLITAN
STATISTICAL AREA**

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7, 17, 25	HOUSEHOLD COMPOSITION
8, 18, 26	PERSONS
9	DURATION OF VACANCY
10	SALES PRICE ASKED AND RENT ASKED

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1	United States and Regions	43	Chattanooga, Tenn.-Ga. SMSA	85	Greensboro-Winston-Salem-High Point, N.C. SMSA
2	Abilene, Tex. SMSA	44	Chicago, Ill. SMSA	86	Greenville, S.C. SMSA
3	Akron, Ohio SMSA	45	Cincinnati, Ohio-Ky.-Ind. SMSA	87	Hamilton-Middletown, Ohio SMSA
4	Albany, Ga. SMSA	46	Cleveland, Ohio SMSA	88	Harrisburg, Pa. SMSA
5	Albany-Schenectady-Troy, N.Y. SMSA	47	Colorado Springs, Colo. SMSA	89	Hartford, Conn. SMSA
6	Albuquerque, N. Mex. SMSA	48	Columbia, Mo. SMSA	90	Honolulu, Hawaii SMSA
7	Allentown-Bethlehem-Easton, Pa.-N.J. SMSA	49	Columbia, S.C. SMSA	91	Houston, Tex. SMSA
8	Altoona, Pa. SMSA	50	Columbus, Ga.-Ala. SMSA	92	Huntington-Ashland, W. Va.-Ky.-Ohio SMSA
9	Amarillo, Tex. SMSA	51	Columbus, Ohio SMSA	93	Huntsville, Ala. SMSA
10	Anaheim-Santa Ana-Garden Grove, Calif. SMSA	52	Corpus Christi, Tex. SMSA	94	Indianapolis, Ind. SMSA
11	Anderson, Ind. SMSA	53	Dallas, Tex. SMSA	95	Jackson, Mich. SMSA
12	Ann Arbor, Mich. SMSA	54	Danbury, Conn. SMSA	96	Jackson, Miss. SMSA
13	Appleton-Oshkosh, Wis. SMSA	55	Davenport-Rock Island-Moline, Iowa-Ill. SMSA	97	Jacksonville, Fla. SMSA
14	Asheville, N.C. SMSA	56	Dayton, Ohio SMSA	98	Jersey City, N.J. SMSA
15	Atlanta, Ga. SMSA	57	Decatur, Ill. SMSA	99	Johnstown, Pa. SMSA
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17	Augusta, Ga.-S.C. SMSA	59	Des Moines, Iowa SMSA	101	Kansas City, Mo.-Kans. SMSA
18	Austin, Tex. SMSA	60	Detroit, Mich. SMSA	102	Kenosha, Wis. SMSA
19	Bakersfield, Calif. SMSA	61	Dubuque, Iowa SMSA	103	Knoxville, Tenn. SMSA
20	Baltimore, Md. SMSA	62	Duluth-Superior, Minn.-Wis. SMSA	104	La Crosse, Wis. SMSA
21	Baton Rouge, La. SMSA	63	Durham, N.C. SMSA	105	Lafayette, La. SMSA
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23	Beaumont-Port Arthur-Orange, Tex. SMSA	65	Erie, Pa. SMSA	107	Lake Charles, La. SMSA
24	Billings, Mont. SMSA	66	Eugene, Oreg. SMSA	108	Lancaster, Pa. SMSA
25	Biloxi-Gulfport, Miss. SMSA	67	Evansville, Ind.-Ky. SMSA	109	Lansing, Mich. SMSA
26	Binghamton, N.Y.-Pa. SMSA	68	Fall River, Mass.-R.I. SMSA	110	Laredo, Tex. SMSA
27	Birmingham, Ala. SMSA	69	Fargo-Moorhead, N. Dak.-Minn. SMSA	111	Las Vegas, Nev. SMSA
28	Bloomington-Normal, Ill. SMSA	70	Fayetteville, N.C. SMSA	112	Lawrence-Haverhill, Mass.-N.H. SMSA
29	Boise City, Idaho SMSA	71	Fitchburg-Leominster, Mass. SMSA	113	Lawton, Okla. SMSA
30	Boston, Mass. SMSA	72	Flint, Mich. SMSA	114	Lewiston-Auburn, Maine SMSA
31	Bridgeport, Conn. SMSA	73	Fort Lauderdale-Hollywood, Fla. SMSA	115	Lexington, Ky. SMSA
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35	Bryan-College Station, Tex. SMSA	77	Fresno, Calif. SMSA	119	Lorain-Elyria, Ohio SMSA
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37	Canton, Ohio SMSA	79	Gainesville, Fla. SMSA	121	Louisville, Ky.-Ind. SMSA
38	Cedar Rapids, Iowa SMSA	80	Galveston-Texas City, Tex. SMSA	122	Lowell, Mass. SMSA
39	Champaign-Urbana, Ill. SMSA	81	Gary-Hammond-East Chicago, Ind. SMSA	123	Lubbock, Tex. SMSA
40	Charleston, S.C. SMSA	82	Grand Rapids, Mich. SMSA	124	Lynchburg, Va. SMSA
41	Charleston, W. Va. SMSA	83	Great Falls, Mont. SMSA	125	Macon, Ga. SMSA
42	Charlotte, N.C. SMSA	84	Green Bay, Wis. SMSA	126	Madison, Wis. SMSA

Report number	Area	Report number	Area	Report number	Area
127	Manchester, N.H. SMSA	169	Pittsfield, Mass. SMSA	211	Springfield-Chicopee-Holyoke, Mass.-Conn. SMSA
128	Mansfield, Ohio SMSA	170	Portland, Maine SMSA	212	Stamford, Conn. SMSA
129	McAllen-Pharr-Edinburg, Tex. SMSA	171	Portland, Oreg.-Wash. SMSA	213	Steubenville-Weirton, Ohio-W. Va. SMSA
130	Memphis, Tenn.-Ark. SMSA	172	Providence-Pawtucket-Warwick, R.I.-Mass. SMSA	214	Stockton, Calif. SMSA
131	Meriden, Conn. SMSA	173	Provo-Orem, Utah SMSA	215	Syracuse, N.Y. SMSA
132	Miami, Fla. SMSA	174	Pueblo, Colo. SMSA	216	Tacoma, Wash. SMSA
133	Midland, Tex. SMSA	175	Racine, Wis. SMSA	217	Tallahassee, Fla. SMSA
134	Milwaukee, Wis. SMSA	176	Raleigh, N.C. SMSA	218	Tampa-St. Petersburg, Fla. SMSA
135	Minneapolis-St. Paul, Minn. SMSA	177	Reading, Pa. SMSA	219	Terre Haute, Ind. SMSA
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140	Muncie, Ind. SMSA	182	Rochester, N.Y. SMSA	224	Tucson, Ariz. SMSA
141	Muskegon-Muskegon Heights, Mich. SMSA	183	Rockford, Ill. SMSA	225	Tulsa, Okla. SMSA
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153	Norwalk, Conn. SMSA	195	San Francisco-Oakland, Calif. SMSA	237	Wichita, Kans. SMSA
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156	Oklahoma City, Okla. SMSA	198	Santa Rosa, Calif. SMSA	240	Wilmington, Del.-N.J.-Md. SMSA
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166	Phoenix, Ariz. SMSA	208	Springfield, Ill. SMSA		
167	Pine Bluff, Ark. SMSA	209	Springfield, Mo. SMSA		
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TABLE FINDING GUIDE—Cross-Classification of Subjects by Table Number

This guide lists all subjects covered in this report. An asterisk (*) indicates that data are shown for housing units with Negro head of household, and the dagger symbol (†) means that the data are shown for housing units with household head of Spanish heritage; these data are shown when an area has 25,000 or more Negro or Spanish heritage population, respectively.

Subject	Value	Gross rent	Income in 1969	Plumbing facilities by persons per room	Number of rooms	Units in structure	Household composition by age of head	Size of household (persons)	Duration of vacancy	Sales price asked and rent asked
OCCUPANCY AND VACANCY CHARACTERISTICS										
Year moved into unit	1, 11*, 19†	2, 12*, 20†	3, 13*, 21†	—	—	6, 16*, 24†	—	—	—	—
Duration of vacancy	—	—	—	9 ¹	9	9	—	—	—	9
UTILIZATION CHARACTERISTICS										
Number of rooms	1, 11*, 19†	2, 12*, 20†	3, 13*, 21†	5, 15*, 23†	—	6, 16*, 24†	—	5, 15*, 23†	9	—
Size of household (persons)	1, 11*, 19†	2, 12*, 20†	3, 13*, 21†	4, 14*, 22†	5, 15*, 23†	8, 18*, 26†	8, 18*, 26†	—	—	—
Number of bedrooms	1, 11*	2, 12*	3, 13*	—	5, 15*	6, 16*	—	8, 18*	9	10
Persons per room	1, 11*, 19†	2, 12*, 20†	4, 14*, 22†	—	5, 15*, 23†	6, 16*, 24†	7, 17*, 25†	4, 14*, 22†	—	—
PLUMBING CHARACTERISTICS										
Plumbing facilities	—	—	—	—	—	—	—	—	9	10
Plumbing facilities by persons per room	1, 11*, 19†	2, 12*, 20†	4, 14*, 22†	—	5, 15*, 23†	6, 16*, 24†	7, 17*, 25†	4, 14*, 22†	—	—
Complete bathrooms	1, 11*, 19†	2, 12*, 20†	—	—	5, 15*, 23†	—	—	8, 18*, 26†	—	—
STRUCTURAL CHARACTERISTICS										
Units in structure	—	6, 16*, 24†	6, 16*, 24†	6, 16*, 24†	6, 16*, 24†	—	7, 17*, 25†	8, 18*, 26†	9	10
Year structure built	1, 11*, 19†	2, 12*, 20†	3, 13*, 21†	4, 14*, 22†	5, 15*, 23†	6, 16*, 24†	—	8, 18*, 26†	9	10
Elevator in structure	—	2, 12*	—	—	—	—	—	—	—	—
EQUIPMENT AND APPLIANCES										
Heating equipment	1, 11*, 19†	—	—	4, 14*, 22†	—	6, 16*, 24†	—	—	9	—
Air conditioning	1, 11*, 19†	2, 12*, 20†	3, 13*, 21†	—	—	6, 16*, 24†	—	—	—	—
Automobiles available	—	—	3, 13*, 21†	—	—	6, 16*, 24†	—	—	—	—
Second home	—	—	3, 13*	—	—	—	—	—	—	—
Automatic clothes washing machine	—	—	3, 13*	—	—	—	—	—	—	—
Clothes dryer	—	—	3, 13*	—	—	—	—	—	—	—
Dishwasher	—	—	3, 13*	—	—	—	—	—	—	—
Home food freezer	—	—	3, 13*	—	—	—	—	—	—	—
FINANCIAL CHARACTERISTICS										
Value	—	—	1, 11*, 19†	1, 11*, 19†	1, 11*, 19†	—	1, 11*, 19†	1, 11*, 19†	—	—
Value-income ratio	—	—	—	4, 14*, 22†	5, 15*, 23†	—	7, 17*, 25†	8, 18*, 26†	—	—
Gross rent	—	—	2, 12*, 20†	2, 12*, 20†	2, 12*, 20†	6, 16*, 24†	7, 17*, 25†	2, 12*, 20†	—	—
Gross rent as percentage of income	—	2, 12*, 20†	3, 13*, 21†	4, 14*, 22†	5, 15*, 23†	—	7, 17*, 25†	8, 18*, 26†	—	—
Gross rent as percentage of income by income	—	2	—	—	—	—	—	—	—	—
Sales price asked	—	—	—	10 ¹	—	—	—	—	9	—
Rent asked	—	—	—	10 ¹	—	10	—	—	9	—
Inclusion of utilities in rent	—	—	—	—	—	—	—	—	—	10
HOUSEHOLD CHARACTERISTICS										
Household composition by age of head	1, 11*, 19†	7, 17*, 25†	7, 17*, 25†	7, 17*, 25†	—	7, 17*, 25†	—	8, 18*, 26†	—	—
Income in 1969	1, 11*, 19†	2, 12*, 20†	—	4, 14*, 22†	3, 13*, 21†	6, 16*, 24†	7, 17*, 25†	3, 13*, 21†	—	—

¹ Vacant units tabulated by plumbing facilities only.

INTRODUCTION

APPENDIXES

A. Area Classifications	App-1
B. Definitions and Explanations of Subject Characteristics ...	App-2
C. Accuracy of the Data	App-14
D. Publication and Computer Summary Tape Program	App-20

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GENERAL

This report presents cross-tabulations of housing and household characteristics from the 1970 Census of Population and Housing for the standard metropolitan statistical area, its central city or cities, and its places of 50,000 inhabitants or more. 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 248 reports as listed on page II. There is one report for each standard metropolitan statistical area (recognized as of February 1971) in the United States and Puerto Rico, as well as a summary report for the United States.

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 of the 1970 Population and Housing Census, 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 most of 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; further information on comparability appears in Appendix B, "Definitions and Explanations of Subject Characteristics."

More detailed information on the technical and procedural matters covered in the text of this report can be obtained by writing to the Director, Bureau of the Census, Washington, D.C. 20233. Such information will also appear in 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 the various area classifications (e.g., places, standard metropolitan statistical areas, etc.) and briefly explains the residence rules used in counting the population. Appendix B provides definitions and explanations for the subjects covered in this report, including facsimiles of the 1970 census questionnaire pages and a facsimile of the instruction sheet. Appendix C presents information on sources of error in the data, editing procedures, the sample design, ratio estimation, and sampling variability. Appendix D summarizes the data dissemination program of the 1970 census.

Content of the tables.—A series of standard tables is presented for each area shown in this report. Tables 1 to 8 present statistics for owner-occupied and renter-occupied units. Tables 9 and 10 present statistics for vacant units, separately for units for

sale and for units for rent. Data for housing units with Negro head of household are presented in tables 11 to 18, and data for housing units with heads of Spanish heritage (i.e., heads of Spanish language or surname or of Puerto Rican birth or parentage) are presented in tables 19 to 26; these tables, which have the same subject content as tables 1 to 8, are published for those standard metropolitan statistical areas, cities or places that have a population of 25,000 or more for the particular group. The finding guide on page IV lists the characteristics covered in this report and shows the tables in which the various types of statistics appear.

The prefix letter "A" has been assigned to the tables for the total standard metropolitan statistical area; tables for the central cities and places of 50,000 inhabitants or more, which follow in alphabetical order, have the prefix letter "B," "C," etc.

Sample size.—The statistics presented in this report are based on a sample of housing units. More specifically, the data are derived from the 15-percent and 5-percent sample questionnaires (see "Data Collection Procedures," below). Some items appeared on both sample questionnaires and, therefore, are based on a 20-percent sample of housing units. The sampling rate for each subject is shown in table A of Appendix C, "Accuracy of the Data." Appendix C also presents information on the sampling variability associated with these data.

Statistics for some subgroups (e.g., households in owner-occupied units with incomes of less than \$2,000 or renter-occupied 1-room units) may differ from table to table or within the same table when the figures are tabulated from different samples.

Derived figures (medians, etc.).—Shown in this report are medians as well as certain percentages and ratios. 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. For all types of derived figures in this report, the figure is not presented (but indicated by three dots "...") if there are fewer than the prescribed number of units in the distribution or the base. For the 20-percent sample, the minimum number of housing units is 100; for the 15-percent sample, the minimum is 132; and for the 5-percent sample, the minimum is 400.

Medians for rooms and persons are rounded to the nearest tenth, for value to the nearest hundred dollars, and for rent to the nearest dollar. In computing medians for rooms and persons per housing unit, the whole number is used as the midpoint of the interval so that, for example, the category "3 rooms" is treated as an interval ranging from 2.5 up to 3.5 rooms. In computing median rent, units reported as "no cash rent" are excluded. The median is computed on the basis of the distribution as tabulated, which is sometimes more detailed than the distribution shown in this report. 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 "\$50,000 or more," it is shown as "\$50,000+."

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

Boundaries.—The data shown for 1970 relate to the boundaries as they existed on January 1, 1970. Information on boundary changes between 1960 and 1970 for certain types of areas is given in the 1970 Population Census PC(1)-A reports.

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. Some of this material is reproduced in Appendix B, "Definitions and Explanations of Subject Characteristics."

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 that did not mail back their forms, a followup was also made, in almost all cases by personal visit and in the remainder by telephone; vacant units were enumerated by personal visit.

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 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

interviewed for the additional questions in those households designated for the 15-percent and 5-percent samples.

The subjects covered in this report are all drawn from the 15-percent and 5-percent sample questionnaires.

PROCESSING PROCEDURES

The 1970 census questionnaires were specially designed to be processed by FOSDIC (Film Optical

Sensing Device for Input to Computers). Respondents and enumerators (and for some few items, census clerks) marked the answers in predesignated positions which could be "read" by FOSDIC, from a microfilm copy of the questionnaire, onto computer 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 tape which is available for purchase, as described in Appendix D, "Publication and Computer Summary Tape Program."

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METROPOLITAN HOUSING CHARACTERISTICS

Nashville-Davidson, Tenn.
STANDARD METROPOLITAN STATISTICAL AREA

[Page numbers listed here omit the SMSA prefix number which appears as part of the page number for each page. The prefix for this SMSA is 143.]

page

MAP

Counties, Standard Metropolitan
Statistical Areas, and Selected Places

XI

INDEX OF TABLES

[The prefix letter "A" refers to tables for the total SMSA; tables for central cities and for places of 50,000 inhabitants or more, which follow in alphabetical order, have the prefix letter "B," "C," etc.]

Area	Prefix letter	Tables 1-10	Tables 11-18	Tables 19-26
		<i>Pages</i>	<i>Pages</i>	<i>Pages</i>
Total SMSA	A	1 to 9	10 to 17	—
Nashville-Davidson	B	18 to 26	27 to 34	—

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[Tables 11 to 18 are shown if an area has 25,000 or more Negro population and tables 19 to 26 are shown if an area has 25,000 or more population of Spanish language]

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- 2 Gross Rent of Renter Occupied Housing Units: 1970

- 3 Income in 1969 of Families and Primary Individuals in Owner and Renter Occupied Housing Units: 1970

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- 15 Rooms in Owner and Renter Occupied Housing Units With Negro Head of Household: 1970

- 16 Units in Structure for Owner and Renter Occupied Housing Units With Negro Head of Household: 1970

- 17 Household Composition for Owner and Renter Occupied Housing Units With Negro Head of Household: 1970

- 18 Persons in Owner and Renter Occupied Housing Units With Negro Head of Household: 1970

- 19 Value of Owner Occupied Housing Units With Household Head of Spanish Language: 1970

- 20 Gross Rent of Renter Occupied Housing Units With Household Head of Spanish Language: 1970

- 21 Income in 1969 of Families and Primary Individuals in Owner and Renter Occupied Housing Units With Household Head of Spanish Language: 1970

- 22 Plumbing Facilities by Persons per Room for Owner and Renter Occupied Housing Units With Household Head of Spanish Language: 1970

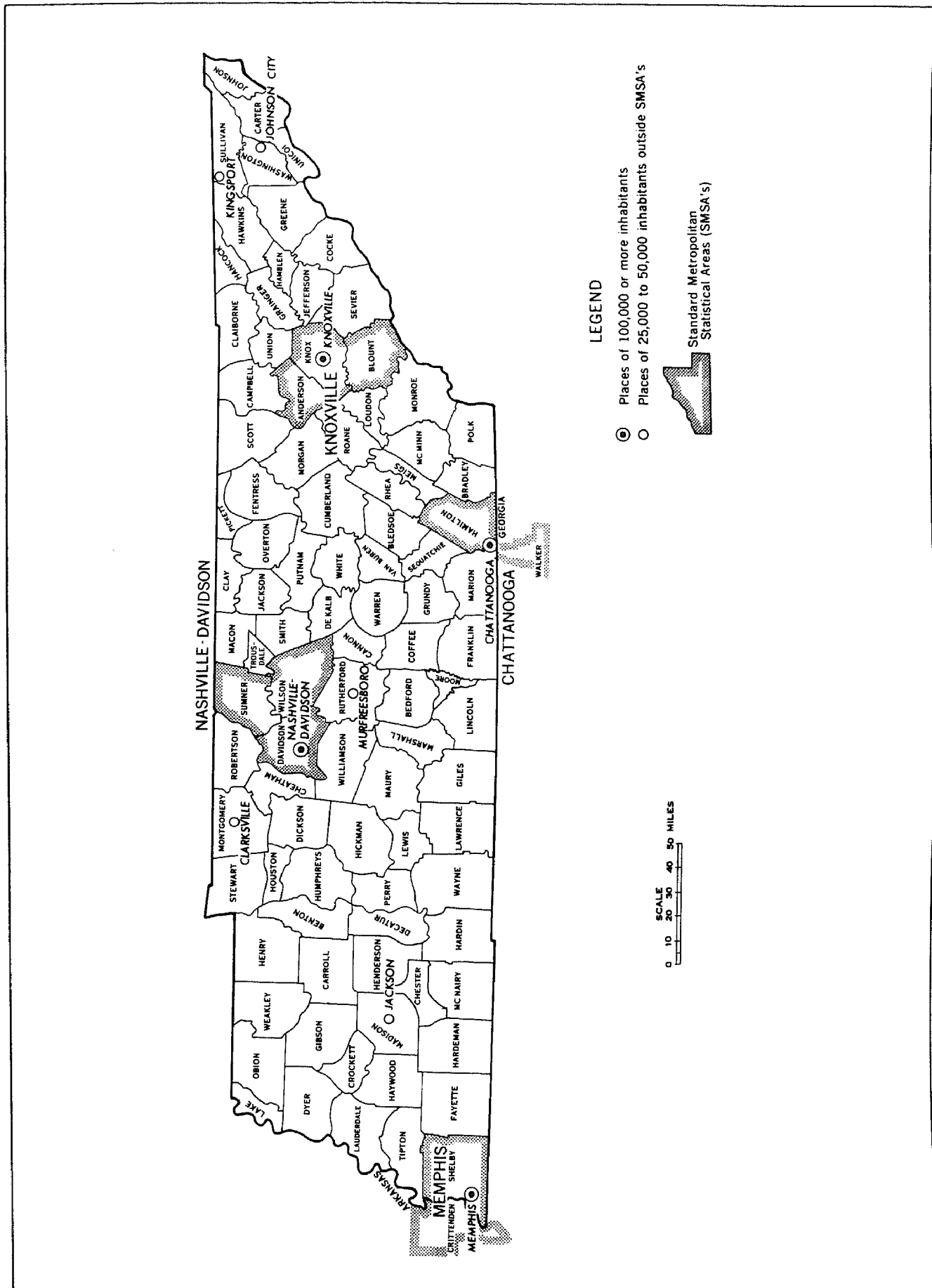
- 23 Rooms in Owner and Renter Occupied Housing Units With Household Head of Spanish Language: 1970

- 24 Units in Structure for Owner and Renter Occupied Housing Units With Household Head of Spanish Language: 1970

- 25 Household Composition for Owner and Renter Occupied Housing Units With Household Head of Spanish Language: 1970

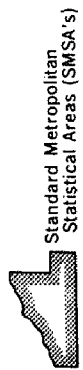
- 26 Persons in Owner and Renter Occupied Housing Units With Household Head of Spanish Language: 1970

Counties, Standard Metropolitan Statistical Areas, and Selected Places



LEGEND

- Places of 100,000 or more inhabitants
- Places of 25,000 to 50,000 inhabitants outside SMSA's



NOTE

The data shown in the tables do not reflect corrections in the housing unit counts for certain areas in this SMSA; see "Correction Note" (page 6) in the 1970 Housing Census HC(1)-A reports.

Table A-1. Value of Owner Occupied Housing Units: 1970

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

The SMSA

	Total	Less than \$5,000	\$5,000 to \$7,499	\$7,500 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)
Specified owner occupied¹	88 564	3 138	5 658	9 499	11 711	10 704	21 138	11 145	8 958	4 140	2 473	15 800
ROOMS												
1 and 2 rooms	193	59	29	11	21	6	35	14	7	11	-	9 400
3 rooms	915	313	170	160	123	41	50	31	23	-	4	7 100
4 rooms	8 717	1 844	1 844	2 525	1 642	698	556	86	70	5	25	8 700
5 rooms	26 679	905	2 013	3 830	5 437	5 026	6 846	1 883	560	149	30	13 100
6 rooms	25 981	435	1 129	1 996	2 925	3 312	8 785	4 526	2 297	447	129	16 700
7 rooms	14 796	113	292	672	1 080	1 157	3 526	3 180	3 402	1 089	285	20 900
8 rooms or more	11 283	47	181	305	483	464	1 340	1 425	2 599	2 439	2 000	30 400
Median	5.8	4.4	4.9	5.0	5.2	5.4	5.9	6.3	6.9	7.5+	7.3+	...
PERSONS												
1 person	7 704	738	993	1 332	1 377	822	1 218	506	388	241	89	11 400
2 persons	25 752	1 127	2 042	3 223	3 628	3 152	5 722	2 720	2 326	987	625	14 800
3 persons	18 375	541	1 003	1 796	2 330	2 302	4 708	2 483	1 947	815	450	16 100
4 persons	18 049	296	598	1 352	2 167	2 101	4 823	2 925	2 258	984	545	17 400
5 persons	10 408	185	468	785	1 134	1 287	2 720	1 338	1 319	663	489	17 300
6 persons or more	8 276	251	554	1 011	1 075	1 040	1 947	953	720	450	275	15 500
Median	3.1	2.2	2.6	2.9	3.1	3.3	3.4	3.4	3.4	3.5	3.6	...
Units with roomers, boarders, or lodgers	1 282	61	142	221	212	114	220	130	104	38	40	12 600
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities												
0.50 or less	46 189	1 223	3 001	4 992	5 797	5 012	10 050	5 765	5 388	4 128	2 464	16 000
0.51 to 1.00	35 794	558	1 595	3 360	4 998	4 949	10 193	5 100	3 430	1 163	2 016	16 400
1.01 to 1.50	3 426	125	361	655	711	576	680	199	105	14	48	16 100
1.51 or more	538	51	103	149	92	49	63	13	12	6	9	12 000
Lacking some or all plumbing facilities												
0.50 or less	1 373	626	294	170	95	69	81	15	10	4	9	5 500
0.51 to 1.00	912	441	214	73	56	34	46	31	9	8	5	5 500
1.01 to 1.50	230	77	56	39	18	9	10	17	4	-	-	6 700
1.51 or more	102	37	34	5	-	6	15	5	-	-	-	6 000
BEDROOMS												
None and 1	2 229	477	384	377	470	214	132	77	98	-	-	9 200
2	28 250	1 688	3 332	5 427	5 169	4 429	5 463	1 458	764	237	83	11 700
3	45 299	804	1 513	3 059	4 697	5 333	13 529	7 565	6 010	2 153	634	17 600
4 or more	13 519	186	378	809	995	982	2 331	1 880	2 417	1 976	1 565	22 900
YEAR STRUCTURE BUILT												
1969 to March 1970	2 558	26	49	32	72	145	552	609	661	261	151	23 300
1965 to 1968	11 999	138	111	198	632	936	3 630	2 760	2 191	910	493	20 600
1960 to 1964	16 460	210	344	645	1 436	2 074	5 583	2 874	1 884	982	428	18 000
1950 to 1959	28 294	502	1 210	2 770	4 160	4 421	7 384	3 206	2 732	1 241	668	15 600
1940 to 1949	11 829	690	1 170	2 213	2 379	1 556	1 814	789	674	296	248	11 900
1939 or earlier	17 424	1 572	2 774	3 641	3 032	1 572	2 175	907	816	450	485	10 600
COMPLETE BATHROOMS												
1 and 1 1/2	62 926	1 896	4 767	8 730	11 034	9 741	17 436	6 514	2 328	348	132	13 800
2 and 2 1/2	18 795	45	155	292	614	745	3 186	4 405	5 792	2 698	863	24 900
3 or more	3 707	-	7	11	19	146	36	196	711	1 049	1 532	45 400
None or also used by another household	2 963	1 222	704	357	212	162	161	96	20	17	12	5 900
HOUSEHOLD COMPOSITION												
Two-or-more-person households												
Male head, wife present, no nonrelatives	80 860	2 400	4 665	8 167	10 334	9 882	19 920	10 639	8 570	3 899	2 384	16 100
Under 25 years	71 167	1 797	3 780	6 688	8 766	8 638	17 934	9 806	7 942	3 619	2 197	16 500
25 to 34 years	1 662	73	99	125	195	253	521	225	32	28	11	14 900
35 to 44 years	14 306	188	384	965	1 494	1 856	4 533	2 549	1 691	460	182	17 300
45 to 64 years	18 144	211	711	1 288	1 942	2 106	4 888	2 242	1 262	1 210	673	17 600
65 years and over	29 061	742	1 748	3 038	3 920	3 478	6 478	3 520	3 364	1 620	1 153	16 100
Other male head	7 994	583	838	1 268	1 115	945	1 514	645	613	295	178	13 000
Under 65 years	2 229	144	172	379	270	244	424	177	214	118	87	14 000
65 years and over	1 724	77	120	219	119	215	350	126	188	80	59	14 300
Female head	505	67	52	89	51	29	74	51	26	38	28	12 200
Under 65 years	7 464	459	713	1 100	1 298	1 000	1 562	656	414	162	100	12 900
65 years and over	5 469	279	383	755	965	743	1 298	509	345	124	68	13 700
One-person households												
Under 65 years	1 995	180	330	345	363	257	822	264	147	69	38	11 100
65 years and over	7 704	738	993	1 332	1 377	822	1 218	506	388	241	89	11 400
Under 65 years	3 993	286	359	665	732	543	302	302	256	127	59	12 300
65 years and over	3 711	452	634	667	645	279	554	204	132	114	30	10 400
INCOME IN 1969												
Less than \$2,000	6 653	995	1 102	1 250	1 017	661	791	301	322	155	59	10 000
\$2,000 to \$2,999	2 891	342	481	578	478	305	384	130	129	54	10	10 200
\$3,000 to \$3,999	3 379	359	437	687	646	304	487	150	150	59	21	10 800
\$4,000 to \$4,999	3 612	299	508	750	667	372	650	188	101	58	19	10 900
\$5,000 to \$5,999	4 098	222	507	753	787	562	781	151	151	35	29	11 800
\$6,000 to \$6,999	4 344	183	376	758	821	572	804	369	182	85	47	12 600
\$7,000 to \$9,999	17 868	359	1 261	2 324	3 309	2 768	4 837	1 721	879	299	111	14 000
\$10,000 to \$14,999	25 940	292	1 917	2 928	2 928	3 620	8 197	4 486	2 862	675	191	16 900
\$15,000 to \$24,999	14 842	67	208	413	940	1 267	3 781	2 928	3 071	1 599	568	21 300
\$25,000 or more	4 937	20	6	69	118	126	426	522	1 111	1 121	1 418	35 900
Median	\$10 300	\$3 600	\$5 600	\$7 000	\$8 300	\$9 600	\$11 100	\$12 600	\$14 500	\$19 100	\$30 200	...
YEAR MOVED INTO UNIT												
1969 to March 1970	9 437	210	371	613	915	914	2 312	1 613	1 495	597	397	18 500
1968	7 665	132	257	465	680	641	2 286	1 206	1 137	433	228	17 900
1967	6 449	118	195	481	679	917	1 710	1 154	704	280	211	17 300
1965 and 1966	12 298	338	539	829	1 636	1 566	3 123	1 965	1 298	620	384	16 800
1960 to 1964	20 229	593	1 035	2 077	2 703	2 490	5 425	2 467	1 859	1 043	537	16 000
1950 to 1959	21 469	777	1 733	2 915	3 207	2 859	4 604	2 179	1 715	927	553	14 300
1949 or earlier	10 844	995	1 503	2 010	2 059	1 097	1 469	627	643	212	229	11 100
HEATING EQUIPMENT												
Steam or hot water	821	5	15	36	61	47	135	132	127	121	142	24 200
Warm-air furnace	23 579	208	658	1 669	2 414	1 860	4 146	3 575	4 279	2 769	2 001	21 200
Built-in electric unit	48 684	710	1 583	3 688	6 534	7 513	15 815	7 167	4 281	1 122	271	16 200
Floor, wall, or pipeless furnace	5 075	220	931	1 633	1 263	584	309	45	53	16	21	9 600
Other means	10 339	1 966	2 471	2 469	1 421	700	733	222	207	112	38	8 200
None	66	29	-	4	18							

Table A-2. Gross Rent of Renter Occupied Housing Units: 1970

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

The SMSA	Total	Less than \$50	\$50 to \$59	\$60 to \$69	\$70 to \$79	\$80 to \$99	\$100 to \$119	\$120 to \$149	\$150 to \$199	\$200 to \$299	\$300 or more	No cash rent	Median (dollars)
Specified renter occupied¹	61 248	6 050	2 621	4 071	4 810	11 293	10 973	10 081	6 420	1 813	386	2 730	101
ROOMS													
1 room	1 501	416	188	138	126	211	186	105	49	5	-	77	68
2 rooms	3 617	633	298	424	361	758	398	450	145	18	-	132	81
3 rooms	14 603	1 905	771	1 486	1 615	3 075	2 173	2 284	814	73	6	401	87
4 rooms	21 946	2 085	880	1 340	1 596	4 193	4 674	3 904	2 235	359	48	632	102
5 rooms	12 202	763	345	464	749	2 046	2 379	2 019	1 855	705	137	740	111
6 rooms	4 859	188	125	160	289	749	817	831	844	381	122	353	118
7 rooms	1 612	47	14	37	50	199	234	352	311	141	34	193	131
8 rooms or more	908	13	-	22	24	62	112	136	167	131	39	202	146
Median	4.0	3.5	3.6	3.5	3.7	3.9	4.1	4.1	4.5	5.1	5.5	4.7	...
PERSONS													
1 person	15 409	2 696	872	1 373	1 309	2 664	2 162	2 190	1 078	223	46	796	88
2 persons	18 418	1 439	689	1 201	1 592	3 406	3 232	3 255	2 070	538	163	833	103
3 persons	10 800	615	420	579	648	2 214	2 278	1 790	1 356	403	52	445	106
4 persons	7 540	395	212	433	566	1 300	1 535	1 387	1 021	344	62	285	109
5 persons	4 148	390	148	167	289	666	926	755	443	174	31	159	107
6 persons or more	4 933	515	280	318	406	1 043	840	704	452	131	32	212	96
Median	2.3	1.7	2.1	2.1	2.2	2.4	2.5	2.4	2.5	2.9	2.4	2.2	...
Units with roomers, boarders, or lodgers	1 910	110	89	114	197	341	279	367	247	95	22	49	106
PLUMBING FACILITIES BY PERSONS PER ROOM													
With all plumbing facilities	57 126	4 485	2 005	3 546	4 550	10 889	10 831	9 992	6 396	1 801	381	2 250	104
0.50 or less	26 066	2 568	898	1 614	1 990	4 554	4 404	4 444	3 052	909	242	1 391	103
0.51 to 1.00	25 319	1 386	877	1 461	1 967	4 879	5 236	4 825	2 982	809	128	769	107
1.01 to 1.50	4 300	449	176	368	435	1 029	840	581	293	53	11	65	93
1.51 or more	1 441	82	54	103	158	427	351	142	69	30	7	25	54
Lacking some or all plumbing facilities	4 122	1 565	616	525	260	404	142	89	24	12	5	480	51
0.50 or less	1 653	702	195	210	103	129	53	22	-	9	5	225	55
0.51 to 1.00	1 631	618	246	241	93	176	36	45	5	-	-	171	51
1.01 to 1.50	426	140	83	34	33	53	17	17	9	-	-	40	54
1.51 or more	412	105	92	40	31	46	36	5	10	3	-	44	59
BEDROOMS													
None	1 746	486	66	275	138	239	294	116	47	18	-	67	71
1	19 472	2 514	1 212	1 890	2 104	4 237	2 767	2 908	1 189	151	-	500	87
2	29 090	2 360	1 045	1 574	1 930	5 245	5 888	5 273	3 607	943	185	1 040	106
3 or more	10 835	843	415	523	634	1 734	1 738	1 780	1 548	571	131	918	109
YEAR STRUCTURE BUILT													
1969 to March 1970	3 273	248	54	54	42	54	366	791	1 172	342	82	68	150
1965 to 1968	9 762	460	158	221	203	933	1 655	2 945	2 115	642	129	261	131
1960 to 1964	8 618	451	174	221	376	1 206	1 931	2 228	1 267	339	89	336	118
1950 to 1959	12 744	1 356	597	783	1 007	2 830	2 642	1 743	971	173	20	622	86
1940 to 1949	9 324	1 085	444	835	1 085	2 165	1 936	951	323	122	14	364	99
1939 or earlier	17 527	2 450	1 194	1 957	2 097	4 105	2 403	1 423	572	195	52	1 079	82
ELEVATOR IN STRUCTURE													
4 floors or more	2 744	295	85	63	42	238	364	742	459	225	167	64	130
With elevator	2 587	275	85	63	42	238	328	699	439	208	167	43	130
Walk-up	157	20	-	-	-	36	36	43	20	17	-	21	...
1 to 3 floors	58 399	5 908	2 653	4 199	4 764	11 217	10 323	9 335	5 932	1 458	149	2 461	99
COMPLETE BATHROOMS													
1 and 1 1/2	53 243	4 233	1 995	3 341	4 474	10 570	10 649	9 756	5 418	830	46	1 931	102
2 or more	3 505	124	39	42	47	129	184	267	975	1 004	363	331	189
None or also used by another household	4 543	1 692	667	584	319	444	179	106	25	19	7	501	55
INCOME IN 1969													
Less than \$2,000	10 938	3 496	699	887	908	1 465	1 163	914	507	119	40	740	70
\$2,000 to \$2,999	4 342	902	316	462	468	740	578	389	193	29	-	265	78
\$3,000 to \$3,999	5 225	518	465	618	590	1 083	790	594	306	55	-	206	85
\$4,000 to \$4,999	5 586	320	386	571	549	1 436	1 018	768	313	53	6	166	91
\$5,000 to \$5,999	5 641	217	245	351	655	1 424	1 312	842	340	63	5	187	97
\$6,000 to \$6,999	5 032	186	129	275	410	1 208	1 159	965	465	37	7	191	104
\$7,000 to \$9,999	11 941	246	254	606	823	2 408	2 787	2 653	1 442	312	24	386	110
\$10,000 to \$14,999	8 796	143	117	250	332	1 261	1 756	2 216	1 781	472	32	436	124
\$15,000 to \$24,999	2 954	22	10	46	58	230	333	614	913	491	110	127	156
\$25,000 or more	793	-	-	5	17	38	77	126	160	182	162	26	188
Median	\$5 800	\$2 000-	\$3 600	\$4 100	\$4 800	\$5 600	\$6 500	\$7 600	\$9 300	\$12 500	\$22 200	\$4 900	...
YEAR MOVED INTO UNIT													
1969 to March 1970	28 071	1 759	815	1 342	1 649	4 399	5 442	6 259	4 396	1 194	216	600	114
1968	9 001	691	336	458	640	1 893	1 788	1 559	1 028	243	72	293	104
1967	5 273	576	212	304	525	1 014	1 108	717	428	139	14	236	98
1965 and 1966	7 268	979	440	659	824	1 546	1 321	703	292	146	52	306	88
1960 to 1964	6 352	1 002	480	660	627	1 368	899	541	171	88	38	478	82
1950 to 1959	3 892	762	324	444	465	688	383	227	96	35	9	459	74
1949 or earlier	1 434	280	94	100	110	235	71	123	7	8	15	391	74
GROSS RENT AS PERCENTAGE OF INCOME													
Less than 10 percent	4 715	794	366	614	494	910	599	457	316	113	52	...	82
10 to 14 percent	10 871	736	508	722	1 031	2 546	2 342	1 735	955	214	82	...	99
15 to 19 percent	11 467	634	509	786	935	2 333	2 307	2 200	1 315	396	52	...	105
20 to 24 percent	8 371	715	360	485	520	1 517	1 687	1 629	1 089	314	55	...	107
25 to 34 percent	8 551	960	196	406	653	1 573	1 661	1 672	1 050	334	46	...	106
35 percent or more	13 402	1 951	612	988	1 065	2 273	2 179	2 236	1 592	407	99	...	98
Not computed	3 871	260	70	70	112	141	198	152	103	35	-	2 730	87
AIR CONDITIONING													
Room unit(s)	27 818	814	659	1 222	1 880	6 037	6 878	5 854	2 562	402	50	1 460	107
Central system	9 082	95	54	43	58	235	790	2 476	3 358	1 318	350	305	159
None	24 391	5 140	1 988	2 702	2 902	4 871	3 344	1 799	498	133	16	998	76

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

Table A-3. Income in 1969 of Families and Primary Individuals in Owner and Renter Occupied Housing Units: 1970

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

The SMSA

	Total	Less than \$2,000	\$2,000 to \$2,999	\$3,000 to \$3,999	\$4,000 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$9,999	\$10,000 to \$14,999	\$15,000 to \$24,999	\$25,000 or more	Median (dollars)
Owner occupied housing units	105 353	9 403	4 005	4 434	4 730	5 406	5 516	21 184	29 095	16 155	5 425	9 700
ROOMS												
1 and 2 rooms	497	164	39	37	33	34	37	57	58	28	10	4 300
3 rooms	2 220	738	228	172	171	153	100	356	217	60	25	3 800
4 rooms	12 805	2 293	898	925	1 000	1 110	907	2 961	2 151	485	75	6 200
5 rooms	31 252	2 890	1 436	1 437	1 584	1 949	2 019	7 650	8 983	2 974	330	8 700
6 rooms	29 148	1 898	801	1 109	1 212	1 329	1 394	6 293	9 429	4 811	872	10 300
7 rooms or more	29 431	1 420	603	754	730	831	1 059	3 867	8 257	7 797	4 113	13 300
PERSONS												
1 person	10 734	4 736	1 308	1 071	929	622	427	843	468	196	134	2 500
2 persons	32 050	3 204	1 805	2 149	1 956	2 294	2 146	6 144	7 134	3 805	1 413	8 200
3 and 4 persons	41 656	1 124	650	832	1 277	1 675	2 060	9 385	9 385	7 858	2 438	11 300
5 persons	11 539	198	90	220	275	368	525	2 609	3 956	2 468	830	11 900
6 persons or more	9 374	141	152	162	293	447	358	2 203	3 180	1 828	610	17 500
Units with roomers, boarders, or lodgers	1 808	458	142	110	138	122	146	308	236	105	43	5 500
BEDROOMS												
Less than 3	39 278	5 657	2 502	2 716	2 619	2 890	2 375	8 589	8 294	2 841	795	7 300
3	50 972	2 763	1 223	1 645	1 553	1 723	2 466	10 186	17 816	9 394	2 203	11 100
4 or more	15 083	846	244	490	358	406	592	1 514	4 515	3 749	2 369	13 400
YEAR STRUCTURE BUILT												
1969 to March 1970	3 592	114	54	127	177	195	212	782	1 136	589	206	10 600
1960 to 1968	33 275	1 444	611	691	1 023	1 222	1 528	7 116	11 560	6 254	1 826	11 300
1950 to 1959	31 189	1 822	807	1 061	1 129	1 528	1 537	6 468	9 423	5 540	1 874	10 700
1949 or earlier	37 297	6 023	2 533	2 555	2 401	2 461	2 239	6 818	6 976	3 772	1 519	7 200
YEAR MOVED INTO UNIT												
1969 to March 1970	11 793	614	296	380	583	755	722	2 726	3 558	1 661	498	9 800
1968	8 917	464	246	163	312	449	415	2 680	2 680	1 472	476	10 600
1960 to 1967	44 849	2 755	1 289	1 297	1 709	2 144	2 301	10 094	13 434	7 409	2 417	10 300
1959 or earlier	39 781	5 590	2 181	2 375	2 211	2 141	2 122	6 672	8 737	5 643	2 109	8 500
SELECTED CHARACTERISTICS												
Automatic clothes washing machine	78 677	3 499	1 916	2 582	2 652	3 222	3 470	15 608	26 361	14 411	4 956	11 200
Clothes dryer	63 342	2 200	1 103	1 463	1 563	2 133	2 450	11 923	22 870	13 014	4 623	11 900
Dishwasher	25 064	667	240	362	323	383	647	2 785	8 190	7 646	3 821	14 300
Home food freezer	44 460	2 757	1 457	1 783	1 666	1 645	2 103	8 142	13 765	7 956	3 186	11 000
Owned second home	3 224	98	21	37	126	149	162	563	877	658	533	12 600
With air conditioning	88 294	5 412	2 520	2 754	3 406	4 076	4 420	18 290	26 504	15 558	5 354	10 600
Room unit(s)	69 699	4 826	2 264	2 419	3 043	3 605	3 888	15 925	21 560	10 087	2 082	9 800
Central system	18 595	586	256	335	363	471	532	2 365	4 944	5 471	3 272	14 400
Automobiles available:												
1	42 424	4 142	2 273	2 667	3 114	3 661	3 311	10 819	8 904	2 980	553	7 600
2	45 599	746	425	601	985	1 291	1 769	9 272	16 927	10 122	3 461	12 300
3 or more	8 362	160	20	103	75	78	138	841	2 495	3 010	1 442	15 900
Renter occupied housing units	63 863	11 413	4 590	5 569	5 845	5 847	5 269	12 335	9 106	3 077	611	5 800
ROOMS												
1 room	1 517	544	196	204	159	108	55	114	104	27	6	3 100
2 rooms	3 676	1 179	328	453	350	337	239	434	222	113	21	3 700
3 rooms	14 926	3 760	1 276	1 519	1 643	1 394	1 110	2 389	1 419	344	72	4 600
4 rooms	22 778	3 608	1 750	1 993	2 061	2 297	2 098	4 628	3 137	1 008	198	5 900
5 rooms	12 877	1 554	736	920	1 102	1 166	1 151	2 752	2 411	783	302	6 800
6 rooms or more	8 089	768	304	480	530	545	616	2 018	1 813	802	213	8 200
PERSONS												
1 person	15 720	5 853	1 496	1 601	1 514	1 226	958	1 580	927	408	157	3 300
2 persons	19 041	2 891	1 607	1 577	1 872	1 770	1 310	3 736	2 884	1 056	338	5 900
3 and 4 persons	19 229	1 736	964	1 549	1 543	1 821	2 135	4 672	3 511	4 080	2 612	6 900
5 persons	4 426	437	187	358	353	446	382	1 034	876	287	66	7 100
6 persons or more	5 447	496	336	484	563	584	484	1 313	908	246	33	6 500
Units with roomers, boarders, or lodgers	1 948	620	192	266	205	163	183	205	70	39	5	3 600
BEDROOMS												
None	1 771	643	182	204	199	202	24	140	96	57	24	3 300
1	19 777	5 064	1 879	2 116	1 891	1 884	1 466	3 003	1 885	505	84	4 400
2	30 481	4 456	2 170	2 448	2 413	2 787	2 758	6 718	4 746	1 436	549	6 400
3 or more	11 854	1 382	554	816	1 155	1 112	929	2 771	2 004	901	230	7 000
YEAR STRUCTURE BUILT												
1969 to March 1970	3 333	362	169	230	242	267	266	623	678	390	106	7 600
1960 to 1968	18 708	2 504	992	1 139	1 483	1 555	1 623	4 083	3 548	1 369	412	7 000
1950 to 1959	13 164	2 090	976	1 131	1 087	1 255	1 148	2 928	1 871	539	139	6 000
1949 or earlier	28 658	6 457	2 453	3 069	3 033	2 770	2 232	4 701	3 009	779	155	4 800
YEAR MOVED INTO UNIT												
1969 to March 1970	28 913	4 343	1 851	2 606	2 805	2 692	2 557	5 700	4 479	1 520	360	6 100
1968	9 366	1 232	449	563	870	832	917	2 178	1 717	509	99	6 800
1960 to 1967	19 742	4 073	1 572	1 861	1 718	1 868	1 420	3 667	2 426	893	244	5 300
1959 or earlier	5 855	1 779	671	503	537	448	347	654	659	190	67	3 900
GROSS RENT AS PERCENTAGE OF INCOME												
Specific renter occupied ¹	61 248	10 938	4 342	5 225	5 586	5 641	5 032	11 941	8 796	2 954	793	5 800
Less than 15 percent	15 586	5	92	299	439	627	911	4 594	5 544	2 336	739	10 700
15 to 19 percent	11 467	56	363	497	981	1 502	1 646	3 949	2 085	360	28	7 500
20 to 24 percent	8 371	357	497	825	1 144	1 591	1 222	2 044	591	100	-	5 900
25 to 34 percent	8 551	889	765	1 599	2 006	1 394	886	862	119	31	-	4 500
35 percent or more	13 402	7 750	2 360	1 799	850	340	176	106	21	-	-	2000-
Not computed	3 871	1 881	265	206	166	187	191	386	436	127	26	2 200
SELECTED CHARACTERISTICS												
Automatic clothes washing machine	18 066	2 170	608	1 160	1 362	1 244	1 751	4 297	3 907	1 250	217	7 500
Clothes dryer	10 982	992	131	522	644	649	1 103	2 694	2 881	1 093	273	8 600
Dishwasher	7 728	446	235	371	164	534	487	1 658	1 963	1 399	471	9 900
Home food freezer	6 428	731	413	440	522	427	763	1 648	942	392	150	6 900
Owned second home	1 639	259	82	131	103	104	36	272	330	232	96	8 200
With air conditioning	37 649	4 143	1 781	2 430	3 004	3 421	3 460	8 504	7 422	2 757	727	7 200
Room unit(s)	28 488	3 303	1 425	2 033	2 788	2 671	2 868	6 679	5 331	1 438	252	6 800
Central system	9 161	840	356	397	633	592	592	1 825	2 091	1 319	475	8 900
Automobiles available:												
1	32 920	3 614	1 830	2 934	3 499	3 887	3 531	7				

Table A-4. Plumbing Facilities by Persons Per Room for Owner and Renter Occupied Housing Units: 1970

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

The SMSA	With all plumbing facilities					Lacking some or all plumbing facilities					
	Total	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more
Owner occupied housing units	105 353	100 783	55 330	40 727	4 053	673	4 570	2 610	1 448	353	159
PERSONS											
1 person	10 734	9 695	9 655	40	--	--	1 039	1 011	28	--	--
2 persons	32 050	30 410	29 702	667	--	41	1 640	1 406	224	--	10
3 persons	21 558	20 879	11 774	9 054	14	37	679	174	494	11	--
4 persons	20 098	19 674	3 064	16 495	105	10	424	15	384	16	9
5 persons	11 539	11 216	1 135	9 489	538	54	323	--	204	96	19
6 persons or more	9 374	8 909	--	4 982	3 396	531	465	--	114	230	121
Median	3.0	3.0	2.1	4.1	6.4	7.5+	2.3	1.7	3.5	5.9	7.2
Units with roomers, boarders, or lodgers	1 808	1 736	853	757	99	27	72	30	42	--	--
YEAR STRUCTURE BUILT											
1969 to March 1970	3 592	3 480	1 704	1 691	73	12	112	13	64	35	--
1965 to 1968	14 293	14 046	6 265	7 091	632	58	247	50	135	32	30
1960 to 1964	18 546	18 227	8 005	9 412	741	69	319	145	123	25	26
1950 to 1959	30 896	30 207	16 164	12 589	1 221	233	689	356	199	92	42
1940 to 1949	14 290	13 495	8 373	4 419	605	98	795	417	308	58	12
1939 or earlier	23 723	21 217	14 852	5 475	724	166	2 506	1 631	683	141	51
INCOME IN 1969											
Less than \$2,000	9 403	7 796	6 766	898	90	42	1 607	1 351	236	16	4
\$2,000 to \$2,999	4 005	3 587	2 925	565	55	42	418	262	130	22	4
\$3,000 to \$3,999	4 434	3 962	3 188	685	80	9	472	267	145	35	25
\$4,000 to \$4,999	4 730	4 392	3 017	1 137	193	45	338	140	150	33	15
\$5,000 to \$5,999	5 406	5 088	3 051	1 747	243	47	318	129	119	51	19
\$6,000 to \$6,999	5 516	5 275	3 028	1 976	239	32	241	97	101	26	17
\$7,000 to \$9,999	21 184	20 480	9 148	10 000	1 146	186	704	213	344	105	42
\$10,000 to \$14,999	29 095	28 746	12 474	14 605	1 499	168	349	98	176	55	20
\$15,000 to \$24,999	16 155	16 065	8 045	7 438	484	98	90	20	47	10	13
\$25,000 or more	5 425	5 392	3 688	1 676	24	4	33	33	--	--	--
Median	\$9 700	\$10 000	\$8 900	\$11 100	\$9 900	\$8 900	\$3 600	\$2000-	\$5 500	\$6 800	\$6 700
VALUE-INCOME RATIO											
Specified owner occupied ¹	88 564	85 947	46 189	35 794	3 426	538	2 617	1 373	912	230	102
Less than 1.5	37 406	36 264	16 102	17 623	2 180	359	1 142	309	606	154	73
1.5 to 1.9	18 434	18 230	8 777	8 725	642	86	1 242	82	70	28	24
2.0 to 2.4	10 668	10 483	5 675	4 498	294	16	185	133	39	8	5
2.5 to 2.9	5 700	5 538	3 395	2 020	108	15	162	95	53	14	--
3.0 to 3.9	5 496	5 238	3 788	1 353	81	16	258	209	40	9	--
4.0 or more	9 964	9 375	7 755	1 459	115	46	589	476	96	17	--
Not computed	896	819	697	116	6	--	77	69	8	--	--
HEATING EQUIPMENT											
Steam or hot water	1 062	1 048	816	222	10	--	14	5	9	--	--
Warm-air furnace	28 377	28 144	18 083	9 350	623	88	233	166	58	9	--
Built-in electric units	54 181	53 460	25 874	24 966	2 325	295	721	365	244	97	15
Floor, wall, or pipeless furnace	5 948	5 782	3 332	2 038	349	63	166	114	37	7	8
Other means	15 711	12 294	7 210	4 125	732	227	3 417	1 955	1 086	240	136
None	74	55	15	26	14	--	19	5	14	--	--
Renter occupied housing units	63 863	58 755	26 695	26 079	4 485	1 496	5 108	1 923	2 080	593	512
PERSONS											
1 person	15 720	14 129	13 242	887	--	--	1 591	1 171	420	--	--
2 persons	19 041	17 799	11 794	5 876	--	129	1 242	680	540	--	22
3 persons	11 291	10 631	1 422	8 982	211	16	660	72	537	42	9
4 persons	7 938	7 351	2 115	6 543	503	90	587	--	430	99	58
5 persons	4 426	4 160	22	2 692	1 178	268	266	--	112	130	24
6 persons or more	5 447	4 685	--	1 099	2 593	993	762	--	41	322	399
Median	2.4	2.4	1.5	3.2	5.8	6.8	2.3	1.3	2.6	5.6	7.2
Units with roomers, boarders, or lodgers	1 948	1 752	595	989	103	65	196	39	116	36	5
YEAR STRUCTURE BUILT											
1969 to March 1970	3 214	3 152	1 462	1 521	148	21	62	29	16	7	10
1965 to 1968	9 745	9 649	4 727	4 337	445	140	96	29	26	14	27
1960 to 1964	8 965	8 790	3 673	4 273	610	234	175	70	76	7	22
1950 to 1959	13 117	12 465	4 900	5 838	1 304	423	652	251	275	75	51
1940 to 1949	9 713	8 872	3 936	3 827	836	273	841	342	276	121	102
1939 or earlier	19 122	15 884	7 992	6 233	1 199	460	3 238	1 221	1 331	351	335
INCOME IN 1969											
Less than \$2,000	11 413	9 638	6 197	2 768	477	196	1 775	1 105	509	83	78
\$2,000 to \$2,999	4 590	3 997	2 201	1 370	311	115	593	216	284	49	44
\$3,000 to \$3,999	5 569	4 855	2 268	1 988	439	160	714	232	313	87	82
\$4,000 to \$4,999	5 845	5 363	2 454	2 275	469	165	482	121	238	64	59
\$5,000 to \$5,999	5 847	5 426	2 313	2 395	532	186	421	92	183	90	56
\$6,000 to \$6,999	5 269	5 004	1 852	2 565	475	112	265	22	176	53	14
\$7,000 to \$9,999	12 335	11 807	4 233	6 301	949	324	528	94	268	105	61
\$10,000 to \$14,999	9 106	8 819	3 276	4 705	658	180	287	26	96	58	107
\$15,000 to \$24,999	3 077	3 044	1 396	1 433	163	52	33	10	8	4	11
\$25,000 or more	812	802	505	279	12	6	10	5	5	--	--
Median	\$5 800	\$6 000	\$5 100	\$6 900	\$6 000	\$5 600	\$3 300	\$2000-	\$3 800	\$5 200	\$4 900
GROSS RENT AS PERCENTAGE OF INCOME											
Specified renter occupied ²	61 248	57 126	26 066	25 319	4 300	1 441	4 122	1 653	1 631	426	412
Less than 10 percent	4 715	4 174	1 578	1 997	447	152	541	70	277	102	92
10 to 14 percent	10 871	10 353	3 823	5 464	822	244	518	112	260	61	85
15 to 19 percent	11 467	10 966	4 050	5 528	1 091	297	501	102	271	64	64
20 to 24 percent	8 371	8 008	3 386	3 753	666	203	363	151	110	40	62
25 to 34 percent	8 551	8 120	3 971	3 400	517	232	431	201	155	61	14
35 percent or more	13 402	12 230	7 286	4 065	621	258	1 172	713	367	53	39
Not computed	3 871	3 275	1 972	1 112	136	55	596	304	191	45	56
HEATING EQUIPMENT											
Steam or hot water	3 573	3 403	2 210	1 074	77	42	170	49	85	15	21
Warm-air furnace	14 629	14 234	7 658	5 745	692	139	395	148	215	32	--
Built-in electric units	24 797	24 324	10 414	11 711	1 615	584	473	144	227	60	42
Floor, wall, or pipeless furnace	3 713	3 556	1 362	1 727	351	116	157	59	71	17	10
Other means	17 035	13 188	5 020	5 811	1 746	611	3 847	1 492	1 459	461	435
None	116	50	31	11	4	4	66	31	23	8	4

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 A-5. Rooms in Owner and Renter Occupied Housing Units: 1970

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

The SMSA

	Total	1 room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Median
Owner occupied housing units	105 353	181	316	2 220	12 805	31 252	29 148	16 591	12 840	5.7
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	100 021	87	176	1 661	11 089	29 618	28 652	16 257	12 481	5.8
PERSONS										
1 person	10 734	68	149	928	2 357	3 464	2 263	921	584	5.0
2 persons	32 050	51	108	783	5 216	10 244	8 635	4 448	2 565	5.5
3 persons	21 558	37	25	283	2 481	6 784	6 069	3 689	2 190	5.7
4 persons	20 098	14	5	121	1 561	5 562	6 018	3 738	3 079	6.0
5 persons	11 539	6	19	48	634	3 034	3 409	2 140	2 249	6.1
6 persons or more	9 374	5	10	57	556	2 164	2 754	1 655	2 173	6.2
Median	3.0	1.9	1.6	1.7	2.3	2.8	3.1	3.3	3.9	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	100 783	133	203	1 743	11 273	29 886	28 470	16 367	12 708	5.8
0.50 or less	55 330	--	94	704	6 638	13 005	16 496	8 923	9 470	5.9
0.51 to 1.00	40 727	40	75	843	3 664	14 867	10 912	7 174	3 152	5.6
1.01 to 1.50	4 053	14	14	105	829	1 785	991	247	82	5.1
1.51 or more	673	93	20	91	142	229	71	23	4	4.4
Lacking some or all plumbing facilities	4 570	48	113	477	1 532	1 366	678	224	132	4.6
0.50 or less	2 610	--	55	224	935	703	471	135	87	4.6
0.51 to 1.00	1 448	28	33	223	378	513	155	79	39	4.6
1.01 to 1.50	353	--	11	16	143	132	41	4	6	4.5
1.51 or more	159	20	14	14	76	18	11	6	--	3.9
BEDROOMS										
None and 1	3 712	202	380	1 417	830	616	184	65	18	3.4
2	35 566	--	--	839	11 162	15 204	6 749	1 156	456	4.9
3	50 972	--	--	--	829	15 528	19 257	11 379	3 979	6.0
4 or more	15 083	--	--	--	--	188	1 915	3 936	9 044	7.5+
YEAR STRUCTURE BUILT										
1969 to March 1970	3 592	15	16	107	501	1 053	840	586	474	5.6
1960 to 1968	33 275	70	106	564	3 003	10 199	9 990	5 348	3 995	5.8
1950 to 1959	31 189	52	86	384	3 682	9 461	9 147	5 167	3 210	5.7
1949 or earlier	37 297	44	108	1 165	5 619	10 539	9 171	5 490	5 161	5.6
COMPLETE BATHROOMS										
1 and 1 1/2	74 380	89	157	1 587	10 682	27 192	22 683	8 817	3 173	5.4
2 or more	25 808	21	27	104	423	2 461	5 984	7 452	9 336	7.0
None or also used by another household	5 152	69	120	515	1 710	1 520	778	296	144	4.6
VALUE-INCOME RATIO										
Specified owner occupied¹	88 564	87	106	915	8 717	26 679	25 981	14 796	11 283	5.8
Less than 1.5	37 406	27	30	350	4 472	12 224	10 609	5 856	3 838	5.7
1.5 to 1.9	18 434	18	4	76	1 178	5 649	5 998	3 157	2 354	5.9
2.0 to 2.9	16 368	6	31	147	1 058	4 158	5 131	3 148	2 689	6.0
3.0 or more	15 460	31	35	292	1 861	4 370	4 042	2 508	2 321	5.8
Not computed	696	5	6	50	148	278	201	127	81	5.4
Renter occupied housing units	63 863	1 517	3 676	14 926	22 778	12 877	5 237	1 821	1 031	4.0
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	57 579	760	2 931	13 617	20 627	11 818	5 089	1 690	1 047	4.1
PERSONS										
1 person	15 720	1 307	2 300	6 590	3 843	1 248	297	83	52	3.1
2 persons	19 041	151	928	5 468	7 749	3 389	947	242	147	3.9
3 persons	11 291	25	253	1 655	5 337	2 527	1 009	309	176	4.2
4 persons	7 938	18	130	602	3 299	2 227	1 090	357	215	4.5
5 persons	4 426	--	24	268	1 308	1 641	692	365	128	4.9
6 persons or more	5 447	16	41	323	1 242	1 845	1 202	465	313	5.1
Median	2.4	1.1	1.3	1.7	2.5	3.2	3.8	4.3	4.2	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	58 755	1 054	3 013	13 773	21 020	12 180	4 971	1 745	999	4.0
0.50 or less	26 695	--	1 918	6 167	10 891	4 407	2 124	602	586	4.0
0.51 to 1.00	26 079	887	759	6 630	8 068	6 103	2 206	1 040	386	4.1
1.01 to 1.50	4 485	--	211	503	1 667	1 421	576	80	27	4.4
1.51 or more	1 496	167	125	473	394	249	65	23	--	3.5
Lacking some or all plumbing facilities	5 108	463	663	1 153	1 758	697	266	76	32	3.7
0.50 or less	1 923	--	382	423	701	230	129	32	26	3.7
0.51 to 1.00	2 080	420	169	513	568	292	84	28	6	3.4
1.01 to 1.50	593	--	42	99	276	129	31	16	--	4.1
1.51 or more	512	43	70	118	213	46	22	--	--	3.6
BEDROOMS										
None	1 771	1 513	153	105	--	--	--	--	--	1.1
1	19 777	--	3 283	12 744	3 131	488	64	45	22	3.0
2	30 481	--	--	1 991	19 098	8 156	961	239	36	4.2
3 or more	11 854	--	--	--	808	5 129	3 576	1 631	710	5.5
YEAR STRUCTURE BUILT										
1969 to March 1970	3 333	23	91	650	1 552	783	172	30	32	4.1
1960 to 1968	18 708	451	1 236	4 685	7 745	3 171	1 015	255	150	3.9
1950 to 1959	13 164	174	490	2 504	4 715	3 319	1 309	477	176	4.2
1949 or earlier	28 658	869	1 859	7 087	8 766	5 604	2 741	1 059	673	4.0
COMPLETE BATHROOMS										
1 and 1 1/2	54 712	1 020	2 985	13 663	20 010	10 957	4 385	1 188	504	4.0
2 or more	3 605	14	46	156	685	923	719	519	543	5.5
None or also used by another household	5 559	481	724	1 299	1 925	691	285	80	74	3.6
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied²	61 248	1 501	3 617	14 603	21 946	12 202	4 859	1 612	988	4.0
Less than 10 percent	4 715	132	237	1 051	1 607	1 082	390	148	68	4.1
10 to 14 percent	10 871	171	445	2 132	4 265	2 300	1 058	363	134	4.1
15 to 19 percent	11 467	234	527	2 539	4 229	2 531	960	326	124	4.1
20 to 24 percent	8 371	192	494	1 875	3 068	1 643	796	194	169	4.0
25 to 34 percent	8 551	136	576	2 134	3 244	1 684	542	145	109	3.9
35 percent or more	13 402	487	1 090	4 166	4 488	2 057	704	233	177	3.7
Not computed	3 871	149	248	706	1 045	905	409	203	206	4.3

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 A-6. Units in Structure for Owner and Renter Occupied Housing Units: 1970

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

The SMSA	Owner occupied				Renter occupied							
	Total	1 unit	2 units or more	Mobile home or trailer	Total	1 unit	2 units	3 and 4 units	5 to 9 units	10 to 19 units	20 units or more	Mobile home or trailer
All occupied housing units	105 353	96 408	5 429	3 516	63 863	24 925	12 323	5 682	4 183	6 166	9 772	812
ROOMS												
1 room	181	112	30	39	1 517	184	48	114	222	227	717	5
2 rooms	316	131	82	103	3 676	551	525	443	407	590	1 075	85
3 rooms	2 220	1 048	586	586	14 926	2 606	3 864	1 895	1 120	1 939	3 326	176
4 rooms	12 805	9 796	1 241	1 768	22 778	7 940	5 382	2 384	1 492	2 319	2 839	422
5 rooms	31 252	28 948	1 392	912	12 877	7 289	1 705	643	761	870	1 499	110
6 rooms	29 148	27 948	1 104	96	5 237	3 939	551	187	133	169	252	6
7 rooms	16 591	16 030	549	12	1 821	1 522	154	6	48	40	43	8
8 rooms or more	12 840	12 395	445	-	1 031	894	94	6	-	12	21	-
Median	5 7	5 8	5 1	4 1	4 0	4 7	3 8	3 7	3 7	3 6	3 4	3 8
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	100 783	92 312	5 114	3 357	58 755	21 518	11 791	5 318	3 828	5 962	9 573	765
0.50 or less	55 330	50 268	3 656	1 406	26 695	8 022	5 547	2 545	1 870	3 100	5 340	271
0.51 to 1.00	40 727	37 811	1 283	1 633	26 079	10 636	5 268	2 127	1 470	2 414	3 780	384
1.01 to 1.50	4 053	3 653	132	268	4 485	2 214	702	494	392	310	274	99
1.51 or more	673	580	43	50	1 496	646	274	152	96	138	179	11
Lacking some or all plumbing facilities	4 570	4 096	315	159	5 108	3 407	532	364	355	204	199	47
0.50 or less	2 610	2 335	221	54	1 923	1 252	261	187	124	52	39	8
0.51 to 1.00	1 448	1 299	67	82	2 080	1 278	210	123	192	125	136	12
1.01 to 1.50	353	318	16	19	593	484	27	30	10	21	9	16
1.51 or more	159	144	11	4	512	393	34	24	29	6	15	11
BEDROOMS												
None	220	144	36	40	1 771	133	153	183	246	198	831	27
1	3 492	2 346	728	418	19 777	3 417	4 478	2 800	1 474	2 579	4 970	59
2	35 566	30 674	2 598	2 294	30 481	12 447	6 300	2 804	1 759	2 703	4 404	428
3	50 972	48 838	1 396	738	10 138	7 348	306	306	511	452	406	66
4 or more	15 083	14 766	277	40	1 716	1 379	69	80	59	109	20	-
YEAR STRUCTURE BUILT												
1969 to March 1970	3 592	2 735	81	776	3 333	337	372	184	367	867	1 137	69
1965 to 1968	14 689	12 813	392	1 484	9 909	1 412	1 369	631	635	2 124	3 519	219
1960 to 1964	18 586	17 357	587	642	8 799	2 449	1 630	595	407	1 001	2 494	223
1950 to 1959	31 189	29 851	969	369	13 164	6 521	2 851	1 086	868	773	869	196
1940 to 1949	13 908	12 874	969	65	9 689	5 308	2 221	893	455	339	427	46
1939 or earlier	23 389	20 778	2 431	180	18 969	8 898	3 880	2 293	1 451	1 062	1 326	59
INCOME IN 1969												
Less than \$2,000	9 403	7 985	1 022	396	11 413	4 292	2 020	1 318	1 032	1 040	1 590	121
\$2,000 to \$2,999	4 005	3 368	466	171	4 590	1 670	933	469	386	399	657	76
\$3,000 to \$3,999	4 434	3 947	329	158	5 569	1 973	1 174	636	477	551	639	119
\$4,000 to \$4,999	4 730	4 124	362	244	5 845	2 037	1 246	661	501	564	763	73
\$5,000 to \$5,999	5 406	4 615	425	366	5 847	2 205	1 311	673	418	564	741	115
\$6,000 to \$6,999	5 516	4 874	331	311	5 269	2 179	967	534	263	492	777	57
\$7,000 to \$9,999	21 184	19 286	953	945	12 335	5 338	2 601	804	570	1 077	1 794	151
\$10,000 to \$14,999	29 095	27 468	856	771	9 106	3 970	1 765	440	374	899	1 575	83
\$15,000 to \$24,999	16 155	15 470	548	137	3 077	1 089	393	126	140	487	831	11
\$25,000 or more	5 425	5 271	137	17	812	172	93	21	22	93	405	6
Median	\$9 700	\$10 000	\$6 300	\$7 400	\$5 800	\$6 100	\$5 700	\$4 600	\$4 400	\$5 900	\$6 600	\$5 100
YEAR MOVED INTO UNIT												
1969 to March 1970	11 793	10 008	437	1 348	28 913	9 673	5 498	2 328	1 844	3 676	5 292	602
1968	8 917	8 091	281	545	9 366	3 613	1 956	933	560	851	1 347	106
1967	7 485	6 739	336	410	5 464	2 428	1 095	399	282	333	845	82
1965 and 1966	14 426	13 265	541	620	7 619	3 233	1 617	615	623	511	977	43
1960 to 1964	22 938	21 567	986	385	6 659	3 069	1 205	724	538	477	627	19
1950 to 1959	23 915	22 495	1 317	103	3 968	1 910	742	382	292	244	385	13
1949 or earlier	15 866	14 191	1 611	64	1 887	1 057	286	103	125	96	212	8
GROSS RENT												
Specified renter occupied	61 248	22 310	12 323	5 682	4 183	6 166	9 772	812				
Less than \$50	6 050	2 524	1 006	598	785	456	643	38				
\$50 to \$59	2 621	1 078	539	257	357	215	123	52				
\$60 to \$69	4 071	1 445	987	655	373	363	216	32				
\$70 to \$79	4 810	1 634	1 192	767	463	357	344	44				
\$80 to \$99	11 293	4 097	2 924	1 625	837	744	960	106				
\$100 to \$119	10 973	3 899	2 743	1 135	898	622	898	172				
\$120 to \$149	10 081	3 092	1 733	441	395	1 438	2 782	200				
\$150 to \$199	6 420	2 007	676	119	207	1 204	2 136	71				
\$200 to \$299	1 813	560	109	22	86	415	621	-				
\$300 or more	386	72	28	4	6	33	243	-				
No cash rent	2 730	1 902	386	59	52	43	191	97				
Median	\$101	\$97	\$95	\$86	\$82	\$121	\$131	\$110				
HEATING EQUIPMENT												
Steam or hot water	1 062	885	177	-	3 573	553	199	325	615	660	1 221	-
Warm-air furnace	28 377	24 802	2 190	1 385	14 629	3 283	2 288	1 464	939	2 307	4 056	292
Built-in electric units	54 181	51 612	1 828	741	24 797	8 807	5 995	2 122	1 329	2 494	3 879	171
Floor, wall, or pipeless furnace	5 948	5 392	354	202	3 713	1 921	932	371	228	153	82	26
Other means	15 711	13 647	880	1 184	17 035	10 271	2 902	1 392	1 066	552	529	323
None	74	70	-	4	116	90	7	8	6	-	5	-
AIR CONDITIONING												
Room units	69 699	63 977	3 809	1 913	28 488	10 739	6 839	2 554	1 543	2 325	4 012	476
Central system	18 595	17 444	658	493	9 161	1 096	558	205	398	2 297	4 507	100
None	17 046	14 935	1 042	1 069	26 227	13 148	5 002	2 725	2 323	1 566	1 166	297
AUTOMOBILES AVAILABLE												
1	42 424	37 659	2 689	2 076	32 920	12 139	6 821	2 880	1 929	3 262	5 297	592
2	45 599	43 176	1 385	1 038	12 464	5 897	2 288	557	509	1 169	1 927	117
3 or more	8 362	7 995	309	58	1 546	810	214	101	42	159	205	15
None	8 955	7 526	1 126	303	16 946	6 137	3 076	1 946	1 784	1 598	2 256	149

Excludes one-family homes on 10 acres or more.

Table A-7. Household Composition for Owner and Renter Occupied Housing Units: 1970

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

The SMSA	Two-or-more-person households												One-person households	
	Total	Male head, wife present, no nonrelatives					Other male head		Female head		Under 65 years	65 years and over		
		Under 25 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Under 65 years	65 years and over	Under 65 years	65 years and over				
Owner occupied housing units	105 353	2 494	15 967	20 013	33 883	10 210	2 191	693	6 506	2 662	5 288	5 446		
PLUMBING FACILITIES BY PERSONS PER ROOM														
With all plumbing facilities	100 783	2 391	15 710	19 617	32 750	9 405	2 024	596	6 188	2 407	4 998	4 697		
0.50 or less	55 330	1 044	4 458	5 045	20 088	7 907	1 110	483	3 747	1 793	4 974	4 681		
0.51 to 1.00	40 727	1 283	10 241	12 650	11 585	1 375	752	94	2 158	549	24	16		
1.01 to 1.50	4 053	44	912	1 683	915	82	136	6	227	56	-	-		
1.51 or more	673	20	99	269	162	41	26	13	23	17	-	-		
Lacking some or all plumbing facilities	4 570	103	257	396	1 133	805	167	97	318	255	290	749		
0.50 or less	2 610	31	25	43	488	566	98	61	141	146	271	740		
0.51 to 1.00	1 448	66	164	207	455	219	45	32	133	99	19	9		
1.01 to 1.50	353	6	52	99	118	16	15	4	33	10	-	-		
1.51 or more	159	-	16	47	72	4	9	-	11	-	-	-		
UNITS IN STRUCTURE														
1	96 408	1 760	14 826	19 226	32 084	9 344	1 947	614	5 829	2 256	4 349	4 173		
2 or more	5 429	98	220	369	1 229	771	147	64	482	380	592	1 077		
Mobile home or trailer	3 516	636	921	418	570	95	97	15	195	26	347	196		
INCOME IN 1969														
Less than \$2,000	9 403	67	140	180	730	1 590	159	115	855	831	1 401	3 325		
\$2,000 to \$2,999	4 005	85	97	85	503	1 190	87	72	339	239	486	822		
\$3,000 to \$3,999	4 434	65	149	209	787	1 182	88	53	593	237	657	414		
\$4,000 to \$4,999	4 730	184	298	344	1 164	911	99	49	552	200	713	216		
\$5,000 to \$5,999	5 406	230	467	638	1 554	861	165	51	604	214	491	131		
\$6,000 to \$6,999	5 516	221	747	722	1 737	633	209	51	617	152	296	131		
\$7,000 to \$9,999	21 184	903	4 832	4 236	6 602	1 508	412	85	1 430	333	664	179		
\$10,000 to \$14,999	29 095	647	6 703	7 639	10 461	1 297	528	104	1 012	236	372	96		
\$15,000 to \$24,999	16 155	76	2 040	4 588	7 517	708	331	76	432	191	141	55		
\$25,000 or more	5 425	16	494	1 372	2 828	330	113	37	72	29	67	67		
Median	\$9 700	\$8 300	\$10 900	\$12 400	\$11 800	\$5 300	\$9 100	\$6 100	\$6 500	\$4 100	\$4 100	\$2000-		
VALUE-INCOME RATIO														
Specified owner occupied¹	88 564	1 662	14 306	18 144	29 061	7 994	1 724	505	5 469	1 995	3 993	3 711		
Less than 1.5	37 406	659	5 703	8 747	16 166	7 799	1 190	195	1 676	551	3 565	226		
1.5 to 1.9	18 434	411	4 183	4 589	5 896	1 275	282	23	876	244	566	89		
2.0 to 2.4	10 668	272	2 328	2 416	2 961	882	219	67	759	183	404	177		
2.5 to 2.9	5 700	118	1 014	1 039	1 444	706	145	49	445	189	392	159		
3.0 to 3.9	5 496	71	587	763	1 292	1 005	89	55	537	172	456	469		
4.0 or more	9 864	104	485	558	1 205	1 934	170	108	1 047	622	1 305	2 426		
Not computed	896	27	6	32	97	53	20	8	129	34	305	185		
Renter occupied housing units	63 863	7 556	11 003	5 881	7 513	2 732	2 574	384	9 281	1 219	10 718	5 002		
PLUMBING FACILITIES BY PERSONS PER ROOM														
With all plumbing facilities	58 755	7 283	10 463	5 433	6 573	2 405	2 360	295	8 819	995	9 745	4 384		
0.50 or less	26 695	1 997	2 285	822	2 469	1 377	914	176	2 822	591	9 169	4 073		
0.51 to 1.00	26 079	4 829	6 674	3 167	3 329	963	1 207	104	4 558	361	576	311		
1.01 to 1.50	4 485	382	1 193	1 017	580	42	118	10	1 109	34	-	-		
1.51 or more	1 496	75	311	427	195	23	121	5	330	9	-	-		
Lacking some or all plumbing facilities	5 108	273	540	448	940	327	214	89	462	224	973	618		
0.50 or less	1 923	32	50	10	216	163	51	15	104	111	650	521		
0.51 to 1.00	2 080	187	228	174	475	140	97	64	201	94	323	97		
1.01 to 1.50	593	39	121	147	124	8	43	5	95	11	-	-		
1.51 or more	512	15	141	117	125	16	23	5	62	8	-	-		
UNITS IN STRUCTURE														
1	24 925	2 224	4 969	3 603	4 332	1 346	796	229	3 599	551	1 924	1 352		
2 to 4	18 005	2 979	3 150	1 089	1 569	709	790	81	2 581	274	3 285	1 498		
5 to 19	10 349	1 067	1 483	544	803	317	523	51	1 942	198	2 590	831		
20 or more	9 772	1 116	1 218	551	722	354	411	23	1 094	183	2 826	1 274		
Mobile home or trailer	812	170	183	94	87	6	54	-	65	13	93	47		
GROSS RENT														
Specified renter occupied²	61 248	7 384	10 560	5 439	6 919	2 511	2 452	364	9 051	1 159	10 565	4 844		
Less than \$50	6 050	145	210	168	546	458	110	83	1 380	254	1 173	1 523		
\$50 to \$59	2 621	154	206	185	294	172	122	48	498	92	606	266		
\$60 to \$69	4 071	412	446	248	439	225	159	28	660	81	969	404		
\$70 to \$79	4 810	570	558	353	693	244	215	39	727	102	891	418		
\$80 to \$99	11 293	1 567	1 834	1 076	1 348	360	471	79	1 743	151	2 024	640		
\$100 to \$119	10 973	1 920	2 437	956	1 106	297	437	30	1 512	116	1 746	416		
\$120 to \$149	10 081	1 743	2 300	962	887	184	421	25	1 238	131	1 794	396		
\$150 to \$199	6 420	633	1 812	816	653	143	368	5	832	80	853	225		
\$200 to \$299	1 813	53	397	330	330	133	88	-	234	25	154	69		
\$300 or more	386	-	38	77	122	31	25	-	37	10	19	27		
No cash rent	2 730	187	322	268	501	264	36	30	209	117	336	460		
GROSS RENT AS PERCENTAGE OF INCOME BY INCOME														
Specified renter occupied²	61 248	7 384	10 560	5 439	6 919	2 511	2 452	364	9 051	1 159	10 565	4 844		
Less than \$5,000	26 091	2 187	1 393	883	1 904	1 484	1 157	277	5 784	804	5 993	4 225		
Less than 20 percent	2 732	225	183	145	314	148	126	48	698	73	589	183		
20 to 24 percent	2 823	226	206	118	309	246	113	47	634	66	658	200		
25 to 34 percent	5 259	558	399	259	458	266	127	31	1 260	141	1 168	592		
35 percent or more	12 759	1 055	530	300	676	631	675	126	2 749	417	3 005	2 595		
Not computed	2 518	123	75	61	147	193	116	25	443	107	573	659		
\$5,000 to \$9,999	22 614	4 070	5 191	2 617	2 632	586	879	66	2 625	229	3 276	441		
Less than 20 percent	13 229	2 371	3 074	1 602	1 842	336	497	35	1 399	133	1 737	206		
20 to 24 percent	4 857	1 033	1 199	504	355	115	175	22	457	31	853	112		
25 to 34 percent	3 142	523	657	307	274	30	153	4	517	29	571	77		
35 percent or more	622	54	108	96	16	25	44	-	183	6	51	29		
Not computed	764	89	153	108	145	80	10	5	69	23	66	6		
\$10,000 to \$14,999	8 796	986	3 144	1 313	1 378	213	270	16	469	90	612	109		
Less than 20 percent	7 629	939	2 754	1 074	1 171	163	239	16	400	68	744	61		
20 to 24 percent	591	32	242	119	50	24	15	-	47	-	51	11		
25 percent or more	140	4	39	19	14	12	10	-	11	8	5	18		
Not computed	436	11	109	101	143	14	6	-	11	14	12	15		
\$15,000 or more	3 747	141	832	626	1 005	228	146	5	173	36	482	75		
Less than 20 percent	3 463	141	797	568	878	212	140	5	147	36	477	62		
20 to 24 percent	100	-	20	32	26	11	-	-	11	-	-	-		
25 percent or more	31	-	9	6	10	-	-	-	-	-	-	-		
Not computed	153	-	6	20	91	5	6	-	15	-	5	5		

¹Limited to one-family homes on less than 10 acres and no business on property. ²Excludes one-family homes on 1

Table A-8. Persons in Owner and Renter Occupied Housing Units: 1970

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

The SMSA

	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons or more	Median
Owner occupied housing units	105 353	10 734	32 050	21 558	20 098	11 539	5 408	2 667	1 299	3.0
BEDROOMS										
None and 1	3 712	1 580	1 485	244	154	76	63	20	90	1.7
2	35 566	5 577	16 460	7 351	3 886	1 477	460	233	122	2.2
3	50 972	2 589	11 502	11 932	13 142	7 255	2 928	1 133	491	3.5
4 or more	15 083	778	2 337	2 035	3 061	2 537	2 205	1 385	745	4.3
YEAR STRUCTURE BUILT										
1969 to March 1970	3 592	151	954	974	755	505	161	64	28	3.2
1965 to 1968	14 689	666	3 391	3 391	3 843	2 037	839	385	137	3.5
1960 to 1964	18 586	1 149	3 986	4 006	4 796	2 798	1 106	516	229	3.5
1950 to 1959	31 189	2 420	9 409	6 776	6 362	3 466	1 669	710	377	3.1
1940 to 1949	13 908	1 824	5 035	2 674	1 982	1 171	637	368	217	2.5
1939 or earlier	23 389	4 524	9 275	3 737	2 360	1 562	996	624	311	2.3
UNITS IN STRUCTURE										
1	96 408	8 522	28 916	19 903	19 133	11 066	5 136	2 574	1 218	3.0
2 or more	5 429	1 469	1 945	840	465	233	144	68	65	2.0
Mobile home or trailer	3 516	543	1 189	815	500	300	128	25	16	2.5
COMPLETE BATHROOMS										
1 and 1 1/2	74 380	8 026	23 455	15 548	13 700	7 318	3 679	1 750	904	2.9
2 and 2 1/2	21 479	1 246	5 856	4 431	5 125	3 051	1 073	514	183	3.3
3 or more	4 329	4 329	990	760	822	860	342	194	49	3.6
None or also used by another household	5 152	1 155	1 831	807	459	393	223	199	85	2.3
HOUSEHOLD COMPOSITION										
Two-or-more-person households	94 619		32 050	21 558	20 098	11 539	5 408	2 667	1 299	3.2
Male head, wife present, no nonrelatives	82 567		26 068	18 813	18 419	10 762	4 899	2 450	1 156	3.3
Under 25 years	2 494		815	999	479	138	26	28	9	2.9
25 to 34 years	15 967		2 026	3 950	5 632	2 860	917	407	175	3.9
35 to 44 years	20 013		1 659	3 510	6 194	4 571	2 214	1 286	579	4.3
45 to 64 years	33 883		13 765	8 837	5 660	2 989	1 618	664	350	2.9
65 years and over	10 210		7 803	1 517	454	204	124	65	43	2.2
Other male head	2 884		1 448	594	397	183	170	65	27	2.5
Under 65 years	2 191		979	450	360	174	154	55	19	2.8
65 years and over	693		469	144	37	9	16	10	8	2.2
Female head	9 168		4 534	2 151	1 282	594	339	152	116	2.5
Under 65 years	6 506		2 847	1 634	1 044	482	282	120	97	2.7
65 years and over	2 662		1 687	517	238	112	57	32	19	2.3
One-person households	10 734	10 734								1.0
VALUE-INCOME RATIO										
Specified owner occupied	88 564	7 704	25 752	18 375	18 049	10 408	4 780	2 368	1 128	3.1
Less than 1.5	37 406	771	10 027	8 962	8 180	4 906	2 529	1 405	626	3.4
1.5 to 1.9	18 434	655	4 830	4 228	4 439	2 562	1 071	412	237	3.4
2.0 to 2.4	10 668	581	3 225	2 127	2 496	1 343	571	242	83	3.2
2.5 to 2.9	5 700	551	1 825	1 036	1 194	694	204	119	77	3.0
3.0 to 3.9	5 496	925	2 132	766	883	478	187	74	51	2.4
4.0 or more	9 964	3 731	3 499	1 154	808	394	208	116	54	1.9
Not computed	896	490	214	102	49	31	10	-	-	1.4
Renter occupied housing units	63 863	15 720	19 041	11 291	7 938	4 426	2 486	1 913	1 048	2.4
BEDROOMS										
None	1 771	1 513	197	19	24	-	-	18	-	1.1
1	19 777	9 718	7 053	2 018	508	293	99	44	44	1.5
2	30 481	4 324	10 613	7 434	4 770	1 970	645	444	281	2.5
3 or more	11 854	418	1 405	1 837	2 497	2 370	1 433	1 129	765	4.4
YEAR STRUCTURE BUILT										
1969 to March 1970	3 333	587	1 305	680	420	157	69	98	17	2.3
1965 to 1968	9 909	2 602	3 558	1 845	1 096	458	169	126	55	2.2
1960 to 1964	8 799	2 129	2 719	1 624	1 181	577	336	137	96	2.3
1950 to 1959	13 164	2 513	3 395	2 593	1 863	1 238	701	571	290	2.8
1940 to 1949	9 689	2 141	2 814	1 789	1 283	806	397	327	132	2.5
1939 or earlier	18 969	5 748	5 250	2 760	2 095	1 190	814	654	458	2.2
UNITS IN STRUCTURE										
1	24 925	3 276	5 823	4 890	4 331	2 795	1 732	1 277	801	3.2
2	12 323	3 058	4 148	2 622	1 388	630	239	152	86	2.2
3 and 4	5 682	1 725	1 872	906	550	272	154	153	50	2.1
5 to 9	4 183	1 327	1 340	544	440	231	129	143	29	2.1
10 to 19	6 166	2 094	2 130	944	550	234	83	92	39	2.0
20 or more	9 772	4 100	3 480	1 238	536	187	124	64	43	1.7
Mobile home or trailer	812	140	248	147	143	77	25	32	-	2.6
COMPLETE BATHROOMS										
1 and 1 1/2	54 712	13 520	16 568	9 895	6 628	3 669	2 102	1 553	777	2.3
2 or more	3 605	426	1 054	707	643	382	228	119	46	3.0
None or also used by another household	5 559	1 793	1 329	712	634	282	279	305	225	2.2
HOUSEHOLD COMPOSITION										
Two-or-more-person households	48 143		19 041	11 291	7 938	4 426	2 486	1 913	1 048	2.9
Male head, wife present, no nonrelatives	34 685		12 702	8 351	6 208	3 373	1 900	1 359	792	3.1
Under 25 years	7 556		3 646	2 604	964	201	88	32	21	2.6
25 to 34 years	11 033		2 880	2 850	2 649	1 469	634	366	155	3.4
35 to 44 years	5 881		900	877	1 427	1 028	711	564	374	4.3
45 to 64 years	7 513		3 282	1 587	1 013	586	432	385	228	2.8
65 years and over	2 732		1 994	433	155	89	35	12	14	2.2
Other male head	2 958		1 705	658	247	144	78	75	51	2.4
Under 65 years	2 574		1 440	593	221	131	78	65	46	2.4
65 years and over	384		265	65	26	13	-	10	5	2.2
Female head	10 500		4 634	2 282	1 483	909	508	479	205	2.8
Under 65 years	9 281		3 777	2 071	1 390	894	484	464	201	2.9
65 years and over	1 219		857	211	93	15	24	15	4	2.2
One-person households	15 720	15 720								1.0
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied	61 248	15 409	18 418	10 800	7 540	4 148	2 294	1 724	915	2.3
Less than 10 percent	4 715	747	1 474	873	660	370	275	183	133	2.7
10 to 14 percent	10 871	1 441	3 480	2 447	1 683	823	509	349	139	2.7
15 to 19 percent	11 467	1 871	3 494	2 222	1 714	1 034	561	387	184	2.7
20 to 24 percent	8 371	1 886	2 513	1 521	1 123	627	244	178	147	2.4
25 to 34 percent	8 551	2 437	2 547	1 403	996	554	268	199	147	2.2
35 percent or more	13 402	5 690	3 824	1 725	1 031	516	301	260	55	1.8
Not computed	3 871	1 337	1 086	609	333	224	136	67	79	2.1

Limited to one-family homes on less than 10 acres and no business on property. *Excludes one-family homes on 10 acres or more.

Table A-9. Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1970

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

The SMSA					The SMSA				
	Total	Less than 2 months	2 up to 6 months	6 months or more		Total	Less than 2 months	2 up to 6 months	6 months or more
Vacant for sale	1 364	770	391	203	Vacant for rent	4 987	3 503	872	612
ROOMS					ROOMS				
1 to 3 rooms	48	32	11	5	1 room	168	131	34	3
4 rooms	154	82	33	39	2 rooms	285	207	50	28
5 rooms	436	238	145	53	3 rooms	1 341	967	242	132
6 rooms	438	270	117	51	4 rooms	2 008	1 448	327	233
7 rooms or more	288	148	85	55	5 rooms	842	566	166	110
					6 rooms	238	143	39	56
					7 rooms or more	105	41	14	50
PLUMBING FACILITIES					PLUMBING FACILITIES				
With all plumbing facilities	1 272	721	379	172	With all plumbing facilities	4 414	3 236	696	482
Lacking some or all plumbing facilities	92	49	12	31	Lacking some or all plumbing facilities	573	267	176	130
BEDROOMS					BEDROOMS				
None and 1	137	111	-	26	None	149	103	46	-
2	294	174	75	45	1	1 791	1 298	268	225
3	563	353	173	37	2	2 514	1 758	463	293
4 or more	215	108	60	47	3 or more	668	402	165	101
YEAR STRUCTURE BUILT					YEAR STRUCTURE BUILT				
1969 to March 1970	518	356	149	13	1969 to March 1970	1 010	666	150	194
1960 to 1968	311	177	81	53	1960 to 1968	1 346	1 133	182	31
1950 to 1959	213	107	67	39	1950 to 1959	689	498	112	79
1949 or earlier	322	130	94	98	1949 or earlier	1 942	1 206	428	308
UNITS IN STRUCTURE					UNITS IN STRUCTURE				
1	1 223	681	367	175	1	1 403	794	344	265
2 or more	141	89	24	28	2 to 4	1 158	827	208	123
					5 to 9	389	344	36	9
					10 to 19	793	614	139	40
					20 or more	1 244	924	145	175
HEATING EQUIPMENT					RENT ASKED				
Steam or hot water	12	-	9	3	Specified vacant for rent²	4 790	3 400	824	566
Warm-air furnace	430	252	129	49	Less than \$50	716	431	159	126
Built-in electric units	677	392	201	84	\$50 to \$59	337	222	62	53
Floor, wall, or pipeless furnace	47	21	15	11	\$60 to \$79	983	632	248	103
Other means	198	105	37	56	\$80 to \$99	879	702	141	36
None	-	-	-	-	\$100 to \$119	501	434	29	38
					\$120 to \$149	546	508	26	12
					\$150 to \$199	615	401	93	121
					\$200 or more	213	70	66	77
SALES PRICE ASKED					Median rent asked	588	592	575	581
Specified vacant for sale¹	1 156	639	355	162					
Less than \$5,000	53	18	8	27					
\$5,000 to \$9,999	118	40	62	16					
\$10,000 to \$14,999	180	93	54	33					
\$15,000 to \$19,999	341	238	80	23					
\$20,000 to \$24,999	238	118	93	27					
\$25,000 to \$34,999	117	83	34	-					
\$35,000 to \$49,999	76	41	24	11					
\$50,000 or more	33	8	-	25					
Median price asked	\$18 300	\$18 500	\$18 300	\$16 100					

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 A-10. Sales Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1970

[Data based on sample, see text. For meaning of symbols, see text]

The SMSA	Sales price asked - Vacant for sale ¹							Rent asked - Vacant for rent ²						
	Total	Less than \$10,000	\$10,000 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 or more	Total	Less than \$60	\$60 to \$79	\$80 to \$99	\$100 to \$149	\$150 to \$199	\$200 or more
Total	1 156	171	180	341	238	117	109	4 790	1 053	983	879	1 047	615	213
PLUMBING FACILITIES														
With all plumbing facilities	985	93	143	292	283	112	62	4 472	785	990	755	1 050	670	222
Lacking some or all plumbing facilities	61	31	15	-	15	-	-	466	301	73	92	-	-	-
BEDROOMS														
None and 1	93	52	-	26	15	-	-	1 876	372	445	466	444	149	-
2	222	57	48	69	48	-	-	2 462	525	451	275	551	491	169
3	548	15	61	183	192	64	33	421	131	111	90	36	-	53
4 or more	183	-	49	14	43	48	29	179	58	56	16	19	30	-
YEAR STRUCTURE BUILT														
1969 to March 1970	498	5	31	206	129	80	47	1 004	87	31	109	195	404	178
1960 to 1968	237	24	39	59	65	24	26	1 331	116	159	324	544	168	20
1950 to 1959	189	45	57	42	22	8	15	656	199	199	115	114	21	8
1949 or earlier	232	97	53	34	22	5	21	1 799	651	594	331	194	22	7
UNITS IN STRUCTURE														
1 .....	...	...	...	...	...	...	...	1 206	523	355	167	117	32	12
2 to 4 .....	...	...	...	...	...	...	...	1 158	309	317	259	235	38	-
5 to 19 .....	...	...	...	...	...	...	...	1 182	150	237	242	341	122	90
20 or more .....	...	...	...	...	...	...	...	1 244	71	74	211	354	423	111
INCLUSION OF UTILITIES IN RENT														
All utilities included .....	...	...	...	...	...	...	...	1 133	266	263	260	238	85	21
Some or no utilities included .....	...	...	...	...	...	...	...	3 657	787	720	619	809	530	192

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 A-11. Value of Owner Occupied 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]

The SMSA	Total	Less than \$5,000	\$5,000 to \$7,499	\$7,500 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)
	Specified owner occupied¹	9 462	801	1 266	2 052	1 737	1 158	1 423	486	373	103	63	10 900
ROOMS												
1 and 2 rooms	17	6	5	6	—	—	—	—	—	—	—	...
3 rooms	245	59	68	53	27	14	14	5	5	—	—	7 300
4 rooms	1 648	297	405	472	241	138	66	15	—	—	14	8 100
5 rooms	3 091	232	398	760	452	444	498	76	44	10	10	10 600
6 rooms	2 523	163	235	494	450	339	230	90	20	4	4	12 100
7 rooms	1 112	34	65	172	218	117	253	97	36	5	5	13 500
8 rooms or more	826	10	70	95	136	106	140	65	137	37	30	14 900
Median	5 4	4 7	4 9	5 2	5 4	5 5	5 9	6 1	7 0	7 1	...	...
PERSONS												
1 person	1 088	202	199	274	174	69	82	42	30	11	5	8 800
2 persons	2 520	239	344	606	448	295	382	107	48	27	24	10 400
3 persons	1 700	117	207	356	290	209	268	145	81	27	—	11 500
4 persons	1 243	59	130	200	241	178	223	88	18	15	15	12 400
5 persons	1 054	54	142	191	191	172	197	42	46	10	9	11 800
6 persons or more	1 857	130	244	425	393	235	271	62	77	10	10	10 800
Median	3 2	2 3	2 9	2 9	3 4	3 5	3 4	3 1	3 8	3 0	...	...
Units with roomers, boarders, or lodgers	353	25	46	101	64	19	30	21	19	4	4	10 100
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	8 587	443	1 048	1 936	1 683	1 118	1 379	467	359	95	58	11 300
0.50 or less	4 156	239	497	983	765	463	628	291	184	66	40	11 200
0.51 to 1.00	3 294	130	392	611	676	511	640	146	142	29	19	11 300
1.01 to 1.50	895	45	116	263	209	120	87	22	33	—	—	10 300
1.51 or more	240	29	43	79	33	24	24	8	—	—	—	9 000
Lacking some or all plumbing facilities	875	358	218	116	54	40	44	19	14	8	4	5 900
0.50 or less	431	214	88	67	19	19	11	5	4	4	4	5 000
0.51 to 1.00	281	104	76	26	27	11	13	11	9	4	4	6 200
1.01 to 1.50	106	23	30	23	8	4	10	8	—	—	—	7 500
1.51 or more	57	17	24	—	—	6	10	—	—	—	—	...
BEDROOMS												
None and 1	586	64	174	111	104	86	—	—	47	—	—	8 700
2	3 456	402	574	1 010	497	404	379	86	41	63	61	9 400
3	3 930	301	523	581	792	531	799	199	127	22	22	11 800
4 or more	1 411	44	149	217	290	212	257	126	99	17	—	12 600
YEAR STRUCTURE BUILT												
1969 to March 1970	234	4	—	11	14	25	81	38	47	14	—	18 800
1965 to 1968	1 069	24	21	49	143	207	372	140	79	19	15	15 900
1960 to 1964	950	50	101	144	228	141	140	49	61	22	14	12 000
1950 to 1959	2 281	175	305	525	368	338	357	109	52	31	21	10 900
1940 to 1949	1 546	157	239	386	288	188	188	57	39	4	—	9 900
1939 or earlier	3 382	391	600	937	696	259	285	93	95	13	13	9 400
COMPLETE BATHROOMS												
1 and 1 1/2	7 603	437	922	1 845	1 621	981	1 232	360	150	22	33	10 900
2 and 2 1/2	673	9	27	87	102	81	158	112	232	56	7	19 100
3 or more	64	—	—	4	6	—	—	7	—	—	—	...
None or also used by another household	938	354	253	123	66	64	27	27	7	12	5	6 100
HOUSEHOLD COMPOSITION												
Two-or-more-person households	8 374	599	1 067	1 778	1 563	1 089	1 341	444	343	92	58	11 200
Male head, wife present, no nonrelatives	6 442	429	834	1 273	1 153	854	1 129	364	269	83	54	11 500
Under 25 years	130	11	17	14	14	14	20	5	5	—	—	13 800
25 to 34 years	918	52	77	189	154	133	209	52	47	5	—	12 300
35 to 44 years	1 524	66	158	269	267	251	344	66	78	15	10	12 500
45 to 64 years	2 880	172	407	537	587	356	455	174	106	51	35	11 400
65 years and over	990	128	175	264	131	94	94	52	33	7	9	9 300
Other male head	418	20	53	138	76	50	36	15	21	5	4	10 000
Under 65 years	302	5	35	105	58	46	25	6	17	5	—	10 300
65 years and over	116	15	18	33	18	4	11	9	4	—	—	9 400
Female head	1 514	150	180	367	334	185	176	65	53	4	—	10 400
Under 65 years	1 048	95	104	242	250	134	124	47	48	4	—	10 800
65 years and over	466	55	76	125	84	51	52	18	5	—	—	9 500
One-person households	1 088	202	199	274	174	69	82	42	30	11	5	8 800
Under 65 years	561	108	77	138	94	55	42	17	19	6	5	9 200
65 years and over	527	94	122	136	80	14	40	25	11	5	—	8 400
INCOME IN 1969												
Less than \$2,000	1 363	221	249	377	196	120	111	39	22	14	14	8 900
\$2,000 to \$2,999	643	115	127	139	123	61	35	28	15	—	—	8 900
\$3,000 to \$3,999	734	114	153	215	118	42	42	35	15	—	—	8 700
\$4,000 to \$4,999	678	101	93	162	181	38	59	18	21	5	—	9 700
\$5,000 to \$5,999	730	53	83	207	148	86	97	29	18	4	5	10 400
\$6,000 to \$6,999	701	40	89	164	144	102	114	23	16	—	—	11 000
\$7,000 to \$9,999	1 926	59	272	433	348	346	300	91	62	10	5	11 400
\$10,000 to \$14,999	1 874	61	162	256	391	257	451	130	109	28	9	13 000
\$15,000 to \$24,999	700	17	35	94	83	89	198	79	73	27	5	15 700
\$25,000 or more	113	—	3	5	5	17	16	14	22	15	16	23 800
Median	5 600	3 600	5 100	5 600	6 700	8 100	9 500	9 300	10 800	13 300	...	...
YEAR MOVED INTO UNIT												
1969 to March 1970	870	74	45	164	105	137	157	95	80	13	—	13 400
1968	731	10	52	109	108	133	217	63	33	—	6	14 100
1967	747	26	79	148	108	128	172	44	31	5	6	12 700
1965 and 1966	1 356	57	128	193	340	188	246	133	27	7	7	12 100
1960 to 1964	2 058	161	267	519	495	179	231	51	99	42	14	10 400
1950 to 1949	2 105	207	348	546	311	236	284	64	47	39	23	9 800
1949 or earlier	1 641	265	283	380	328	137	110	56	72	—	10	9 300
HEATING EQUIPMENT												
Steam or hot water	—	—	5	16	19	16	9	—	—	—	—	...
Warm air furnace	2 118	64	92	420	450	278	408	153	159	70	24	12 800
Built-in electric units	3 455	135	282	627	635	574	755	263	144	20	20	12 700
Floor-walk or pipeless furnace	739	30	129	208	197	85	54	11	11	4	10	10 600
Other means	3 070	567	758	781	430	205	197	55	59	9	9	8 200
None	15	5	—	—	6	—	—	—	—	—	—	...
AIR CONDITIONING												
Room air	5 386	240	494	1 125	1 196	778	1 028	289	185	32	19	11 700
Central system	711	14	7	34	34	62	188	110	178	54	28	20 800
None	3 381	546	701	900	565	298	201	107	26	18	19	8 700

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

Table A-12. Gross Rent of Renter Occupied 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]

The SMSA

Specified renter occupied¹

ROOMS

1 room	251	150	50	-	11	17	-	-	-	-	-	-	-	23	50-
2 rooms	821	329	96	102	65	158	26	21	-	-	-	-	-	24	57
3 rooms	3 714	1 064	310	519	598	719	244	145	26	7	-	-	-	82	69
4 rooms	6 202	1 110	417	561	715	1 380	1 291	585	49	-	-	-	-	94	84
5 rooms	2 683	424	180	178	341	576	517	261	119	7	-	-	-	80	85
6 rooms	947	82	46	69	93	228	164	167	67	5	-	-	-	26	95
7 rooms	267	24	4	5	21	78	42	48	19	10	-	-	-	16	99
8 rooms or more	174	8	-	12	19	16	24	35	29	5	-	-	-	26	116
Median	3.9	3.5	3.7	3.7	3.9	4.0	4.2	4.3	5.2	-	-	-	-	4.1	-

PERSONS

1 person	3 588	1 382	289	361	434	560	282	140	16	4	-	-	-	120	62
2 persons	3 710	660	292	440	558	755	542	327	35	-	-	-	-	101	77
3 persons	2 482	333	168	230	254	671	447	234	87	5	-	-	-	53	86
4 persons	1 750	253	100	139	227	346	415	189	58	7	-	-	-	16	89
5 persons	1 221	214	80	82	149	276	253	134	19	-	-	-	-	14	86
6 persons or more	2 308	349	174	194	241	564	369	238	94	18	-	-	-	67	86
Median	2.6	1.8	2.4	2.3	2.4	2.9	3.2	3.2	3.8	-	-	-	-	2.1	-
Units with roomers, boarders, or lodgers	721	70	68	61	105	140	117	112	28	5	-	-	-	15	88

PLUMBING FACILITIES BY PERSONS PER ROOM

With all plumbing facilities	13 361	2 466	855	1 267	1 724	3 009	2 255	1 224	309	27	-	-	-	225	82
0.50 or less	5 443	1 345	344	483	714	1 104	803	444	70	5	-	-	-	131	77
0.51 to 1.00	5 299	759	338	523	759	1 206	946	580	172	22	-	-	-	73	85
1.01 to 1.50	1 868	317	132	194	203	470	343	151	46	-	-	-	-	12	83
1.51 or more	751	45	41	67	127	229	163	49	21	-	-	-	-	9	90
Lacking some or all plumbing facilities	1 698	725	248	179	139	163	53	38	-	7	-	-	-	146	52
0.50 or less	672	323	61	83	67	39	17	11	-	4	-	-	-	67	50
0.51 to 1.00	584	245	116	65	41	77	-	10	-	-	-	-	-	30	53
1.01 to 1.50	197	91	27	5	22	10	12	12	-	-	-	-	-	18	50
1.51 or more	245	66	44	26	9	37	24	5	-	3	-	-	-	31	59

BEDROOMS

None	228	170	21	-	-	19	-	-	-	-	-	-	-	18	-
1	4 265	1 432	374	483	665	866	1 255	148	21	-	-	-	-	21	67
2	7 235	1 193	421	560	922	1 528	1 622	758	99	22	-	-	-	110	88
3 or more	3 339	509	318	321	228	781	453	454	195	23	-	-	-	57	85

YEAR STRUCTURE BUILT

1969 to March 1970	820	202	36	45	24	29	178	245	61	-	-	-	-	-	108
1965 to 1968	1 607	205	75	71	80	383	503	206	49	-	-	-	-	35	99
1960 to 1964	1 820	199	80	83	224	500	480	172	42	3	-	-	-	37	94
1950 to 1959	3 707	867	346	438	480	864	403	176	64	7	-	-	-	62	74
1940 to 1949	2 386	548	192	296	375	490	290	140	19	5	-	-	-	31	74
1939 or earlier	4 719	1 170	374	513	680	906	454	323	74	19	-	-	-	206	73

ELEVATOR IN STRUCTURE

4 floors or more	255	168	24	20	-	-	-	22	21	-	-	-	-	-	-
With elevator	235	148	24	20	-	-	-	22	21	-	-	-	-	-	-
Walk-up	20	20	-	-	-	-	-	-	-	-	-	-	-	-	-
1 to 3 floors	14 812	3 136	1 110	1 344	1 815	3 194	2 330	1 338	294	45	-	-	-	206	79

COMPLETE BATHROOMS

1 and 1/2	12 859	2 298	856	1 241	1 698	2 882	2 221	1 171	252	11	-	-	-	229	81
2 or more	2 288	66	26	-	15	24	46	21	50	6	-	-	-	34	95
None or also used by another household	1 923	827	285	191	158	178	69	47	-	11	-	-	-	157	52

INCOME IN 1969

Less than \$2,000	4 252	1 912	356	322	428	559	331	188	39	4	-	-	-	113	54
\$2,000 to \$2,999	1 700	514	173	187	197	324	165	81	6	-	-	-	-	53	67
\$3,000 to \$3,999	1 753	290	188	240	260	399	230	88	16	-	-	-	-	42	75
\$4,000 to \$4,999	1 621	144	178	255	215	386	250	136	31	-	-	-	-	26	80
\$5,000 to \$5,999	1 563	96	78	119	287	419	327	180	18	5	-	-	-	34	88
\$6,000 to \$6,999	1 025	90	39	87	153	249	239	120	39	-	-	-	-	9	91
\$7,000 to \$9,999	1 965	86	66	163	237	564	442	249	97	22	-	-	-	39	95
\$10,000 to \$14,999	957	46	25	53	77	225	258	200	31	3	-	-	-	39	103
\$15,000 to \$24,999	179	13	-	20	9	47	43	13	23	-	-	-	-	11	99
\$25,000 or more	44	-	-	-	-	-	23	7	9	-	-	-	-	5	-
Median	\$3 900	\$2 000-	\$3 100	\$3 900	\$4 200	\$4 800	\$5 500	\$5 800	\$7 200	-	-	-	-	\$3 500	-

YEAR MOVED INTO UNIT

1969 to March 1970	5 018	923	326	352	536	985	958	687	200	17	-	-	-	34	86
1968	1 980	336	148	130	211	455	414	199	52	11	-	-	-	24	90
1967	1 186	281	64	119	154	253	215	48	15	-	-	-	-	37	77
1965 and 1966	2 444	485	176	301	400	594	337	98	16	-	-	-	-	37	76
1960 to 1964	2 233	565	245	227	266	440	268	134	-	-	-	-	-	88	71
1950 to 1959	1 672	415	155	231	258	284	129	49	19	-	-	-	-	130	69
1949 or earlier	537	186	53	72	46	71	15	24	-	-	-	-	-	70	59

GROSS RENT AS PERCENTAGE OF INCOME

Less than 10 percent	1 003	309	91	158	115	185	101	16	28	-	-	-	-	-	66
10 to 14 percent	2 106	362	150	207	329	510	361	173	14	-	-	-	-	-	80
15 to 19 percent	2 447	387	220	331	378	582	370	159	20	-	-	-	-	-	78
20 to 24 percent	2 075	420	182	182	208	438	367	212	63	3	-	-	-	-	82
25 to 34 percent	2 393	520	113	183	300	487	427	268	78	17	-	-	-	-	83
35 percent or more	4 164	1 017	302	354	462	912	609	399	95	14	-	-	-	-	79
Not computed	871	176	45	31	71	58	73	35	11	-	-	-	-	371	69

AIR CONDITIONING

Room unit(s)	3 938	166	145	219	398	1 032	1 025	676	153	6	-	-	-	118	99
Central system	475	74	11	9	9	45	166	89	32	-	-	-	-	40	108
None	10 657	2 951	1 011	1 204	1 464	2 007	1 145	474	117	22	-	-	-	262	70

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

Table A-13. Income in 1969 of Families and Primary Individuals in Owner and Renter Occupied 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]

The SMSA

	Total	Less than \$2,000	\$2,000 to \$2,999	\$3,000 to \$3,999	\$4,000 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$9,999	\$10,000 to \$14,999	\$15,000 to \$24,999	\$25,000 or more	Median (dollars)
Owner occupied housing units	10 925	1 682	752	842	771	870	839	2 216	2 090	734	129	6 700
ROOMS												
1 and 2 rooms	37	18	—	3	—	5	—	—	11	—	—	---
3 rooms	353	123	52	46	24	18	12	48	14	11	5	3 000
4 rooms	2 075	514	204	216	154	179	198	355	204	51	—	4 700
5 rooms	3 436	547	255	212	267	309	305	773	605	155	8	6 400
6 rooms	2 842	307	157	234	173	219	197	595	668	247	45	7 700
7 rooms or more	2 182	173	84	131	153	140	127	445	588	270	71	8 900
PERSONS												
1 person	1 324	725	138	145	80	61	42	105	24	4	—	2000—
2 persons	2 956	591	330	335	262	316	302	411	285	98	26	4 800
3 and 4 persons	3 370	264	171	216	204	237	273	770	858	314	63	8 200
5 persons	1 176	53	37	68	63	91	117	364	269	99	15	8 300
6 persons or more	2 099	49	76	78	162	165	105	566	654	219	25	9 200
Units with roomers, boarders, or lodgers	462	119	61	56	24	50	37	59	51	5	—	3 900
BEDROOMS												
Less than 3	4 830	1 219	400	543	236	573	312	814	568	128	37	5 000
3	4 440	474	360	385	241	199	370	1 056	971	344	40	7 500
4 or more	1 618	197	26	117	77	104	96	240	506	162	93	9 400
YEAR STRUCTURE BUILT												
1969 to March 1970	311	20	4	10	13	38	37	80	73	31	5	8 300
1960 to 1968	2 305	130	82	116	149	139	168	560	646	266	49	9 000
1950 to 1959	2 530	325	166	173	122	185	225	572	536	194	32	7 400
1949 or earlier	5 779	1 207	500	543	487	508	409	1 004	835	243	43	5 300
YEAR MOVED INTO UNIT												
1969 to March 1970	1 075	81	61	61	109	111	99	290	211	45	7	7 200
1968	811	64	18	26	74	66	83	213	195	63	9	8 000
1960 to 1967	4 640	403	327	229	356	365	381	1 052	1 052	395	76	7 700
1959 or earlier	4 364	1 056	341	445	309	314	296	676	661	239	27	5 100
SELECTED CHARACTERISTICS												
Automatic clothes washing machine	5 315	466	266	383	222	348	307	1 364	1 320	469	170	8 500
Clothes dryer	3 222	261	127	224	114	204	185	683	924	382	118	9 200
Dishwasher	637	44	18	—	62	40	76	45	219	93	40	10 800
Home food freezer	3 559	425	322	337	236	249	231	659	717	249	134	6 900
Owned second home	300	—	—	37	23	23	23	70	17	23	—	84
With air conditioning	6 824	573	291	352	499	499	558	1 548	1 728	663	113	8 200
Room units)	6 018	549	271	327	470	447	503	1 334	1 553	511	53	8 000
Central system	806	24	20	25	29	52	55	214	175	152	60	9 800
Automobiles available												
1	4 946	529	325	385	530	531	490	1 229	753	149	25	6 400
2	3 216	93	47	101	176	172	246	739	1 112	463	67	10 200
3 or more	467	16	—	14	24	—	14	87	176	109	27	12 200
Renter occupied housing units	15 636	4 412	1 802	1 851	1 681	1 588	1 054	2 021	987	186	54	3 900
ROOMS												
1 room	256	123	26	50	20	10	6	21	—	—	—	2 200
2 rooms	837	414	90	75	71	45	43	72	14	13	—	2 100
3 rooms	3 859	1 500	536	492	347	308	150	380	142	4	—	2 800
4 rooms	6 406	1 574	764	744	691	764	465	880	427	90	7	4 200
5 rooms	2 796	565	275	327	399	278	260	403	239	40	10	4 600
6 rooms or more	1 482	236	111	163	153	183	130	265	165	39	37	5 400
PERSONS												
1 person	3 652	2 133	429	401	240	147	95	141	45	21	—	2000—
2 persons	3 891	1 069	580	409	487	419	226	468	169	51	13	3 700
3 and 4 persons	4 389	702	448	614	497	510	419	751	383	39	26	4 900
5 persons	1 253	193	122	135	163	192	119	167	119	32	11	5 100
6 persons or more	2 451	315	223	292	294	320	195	494	271	43	4	5 300
Units with roomers, boarders, or lodgers	729	283	78	129	63	58	59	39	15	5	—	3 000
BEDROOMS												
None	228	186	21	—	21	—	—	—	—	—	—	---
1	4 363	1 865	531	560	429	328	122	384	121	23	—	2 600
2	7 501	1 740	779	866	664	903	627	1 211	508	184	19	4 600
3 or more	3 441	661	227	412	457	513	243	580	227	102	19	4 900
YEAR STRUCTURE BUILT												
1969 to March 1970	846	214	70	86	110	109	85	100	51	14	7	4 500
1960 to 1968	3 517	759	331	288	372	340	313	688	338	74	14	5 000
1950 to 1959	3 827	1 013	548	499	348	413	259	504	185	54	4	3 700
1949 or earlier	7 446	2 426	853	978	851	726	397	729	413	44	29	3 500
YEAR MOVED INTO UNIT												
1969 to March 1970	5 168	1 250	618	671	646	578	381	611	356	36	21	4 100
1968	2 048	508	181	220	272	182	148	344	151	29	13	4 400
1960 to 1967	6 100	1 772	707	719	619	611	398	842	369	49	14	3 800
1959 or earlier	2 371	908	378	244	197	165	125	135	181	32	6	2 700
GROSS RENT AS PERCENTAGE OF INCOME												
Specified renter occupied	15 059	4 252	1 700	1 753	1 621	1 563	1 025	1 965	957	179	44	3 900
Less than 15 percent	3 109	—	38	158	177	221	338	1 107	863	168	39	8 700
15 to 19 percent	2 447	24	231	219	446	562	349	568	48	—	—	5 500
20 to 24 percent	2 075	219	270	334	380	410	261	194	7	—	—	4 600
25 to 34 percent	2 393	490	367	615	490	321	58	52	—	—	—	3 600
35 percent or more	4 164	2 906	741	385	102	15	10	5	—	—	—	2000—
Not computed	871	613	53	42	26	34	9	39	39	11	5	2000—
SELECTED CHARACTERISTICS												
Automatic clothes washing machine	2 938	733	227	336	349	245	201	467	224	137	19	4 500
Clothes dryer	788	184	—	112	39	88	64	165	55	62	19	5 700
Dishwasher	194	46	23	—	17	—	—	66	—	—	—	---
Home food freezer	1 205	232	104	120	178	109	88	212	103	40	19	4 800
Owned second home	216	61	40	—	19	20	20	18	15	20	—	---
With air conditioning	4 489	746	342	440	445	503	446	855	555	108	49	5 500
Room units)	3 999	608	324	411	390	459	401	754	524	85	43	5 600
Central system	490	138	18	29	55	44	45	101	31	23	6	5 100
Automobiles available												
1	6 364	974	521	773	855	832	669	1 108	586	36	10	5 100
2	1 216	117	42	73	106	120	76	327	244	78	33	7 700
3 or more	134	11	21	21	6	7	11	25	24	8	—	6 100

Excludes one-family homes on 10 acres or more.

Table A-14. Plumbing Facilities by Persons Per Room for Owner and Renter Occupied 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]

The SMSA	With all plumbing facilities						Lacking some or all plumbing facilities				
	Total	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more
Owner occupied housing units	10 925	9 791	4 761	3 707	1 042	281	1 134	609	333	123	69
PERSONS											
1 person	1 324	1 078	1 078	-	-	-	246	246	-	-	-
2 persons	2 956	2 646	2 566	77	-	3	310	276	34	-	-
3 persons	1 958	1 806	905	901	-	-	152	73	73	6	-
4 persons	1 412	1 280	164	1 087	29	-	132	10	117	5	-
5 persons	1 176	1 081	48	908	117	8	95	4	79	12	-
6 persons or more	2 099	1 900	-	734	896	270	199	-	30	100	69
Median	3.1	3.1	2.0	4.3	6.7	7.5	2.6	1.7	4.0	6.5	...
Units with roomers, boarders, or lodgers	462	421	163	193	65	-	41	20	21	-	-
YEAR STRUCTURE BUILT											
1969 to March 1970	338	314	153	150	11	-	24	13	5	6	-
1965 to 1968	1 120	1 078	402	526	132	18	42	12	20	10	-
1960 to 1964	1 125	1 042	399	485	122	36	83	21	31	13	18
1950 to 1959	2 388	2 188	1 087	812	205	84	200	96	48	48	8
1940 to 1949	1 762	1 650	832	577	209	32	112	66	21	25	-
1939 or earlier	4 157	3 541	1 933	1 151	373	84	616	383	181	26	26
INCOME IN 1969											
Less than \$2,000	1 682	1 289	1 038	189	48	14	393	331	56	6	-
\$2,000 to \$2,999	752	646	435	156	39	16	106	59	29	18	-
\$3,000 to \$3,999	842	683	453	194	33	3	159	88	42	13	16
\$4,000 to \$4,999	771	701	392	187	101	21	70	26	22	17	5
\$5,000 to \$5,999	870	802	390	307	90	15	68	25	19	19	5
\$6,000 to \$6,999	839	766	387	308	62	9	73	25	42	6	-
\$7,000 to \$9,999	2 216	2 048	761	957	256	74	168	25	89	26	28
\$10,000 to \$14,999	2 090	1 998	610	1 006	308	74	92	30	34	19	9
\$15,000 to \$24,999	734	729	228	356	90	55	5	-	-	5	-
\$25,000 or more	129	129	67	47	15	-	-	-	-	-	-
Median	\$6 700	\$7 000	\$5 200	\$8 600	\$8 700	\$9 500	\$3 400	\$2000-	\$5 900	\$5 400	...
VALUE-INCOME RATIO											
Specified owner occupied ¹	9 462	8 587	4 156	3 296	895	240	875	431	281	106	57
Less than 1.5	3 871	3 506	1 091	1 703	544	168	365	92	168	68	37
1.5 to 1.9	1 588	1 516	680	661	148	27	72	25	28	4	15
2.0 to 2.4	915	849	475	279	85	10	66	44	9	8	5
2.5 to 2.9	708	652	409	213	25	5	56	22	25	9	-
3.0 to 3.9	590	508	285	172	46	5	82	69	9	4	-
4.0 or more	1 665	1 461	1 132	257	47	25	204	153	38	13	-
Not computed	125	95	84	11	-	-	30	26	4	-	-
HEATING EQUIPMENT											
Steam or hot water	77	77	35	38	4	-	-	-	-	-	-
Warm-air furnace	2 468	2 406	1 284	861	232	29	62	37	16	9	-
Built-in electric units	3 831	3 663	1 560	1 562	423	118	168	68	55	40	5
Floor, wall, or pipeless furnace	882	870	429	299	110	32	12	4	4	-	4
Other means	3 652	2 760	1 444	947	267	102	892	500	258	74	60
None	15	15	9	-	6	-	-	-	-	-	-
Renter occupied housing units	15 636	13 776	5 548	5 511	1 936	781	1 860	718	659	214	269
PERSONS											
1 person	3 652	3 040	2 962	78	-	-	612	493	119	-	-
2 persons	3 891	3 452	2 349	1 078	-	25	439	202	225	-	12
3 persons	2 574	2 356	218	2 067	66	5	218	23	186	5	4
4 persons	1 815	1 624	19	1 441	134	30	191	-	115	54	22
5 persons	1 253	1 180	-	576	489	115	73	-	10	54	9
6 persons or more	2 451	2 124	-	271	1 247	606	327	-	4	101	222
Median	2.6	2.7	1.4	3.3	6.0	7.1	2.2	1.2	2.4	5.4	7.3
Units with roomers, boarders, or lodgers	729	606	179	353	53	21	123	18	74	26	5
YEAR STRUCTURE BUILT											
1969 to March 1970	819	794	306	391	76	21	25	15	-	-	10
1965 to 1968	1 583	1 534	572	733	163	66	49	6	14	9	20
1960 to 1964	1 971	1 911	700	832	239	140	60	13	39	-	8
1950 to 1959	3 792	3 474	1 217	1 311	660	286	318	113	122	40	43
1940 to 1949	2 504	2 171	933	800	293	145	333	140	77	63	53
1939 or earlier	5 018	3 879	1 830	1 436	423	190	1 139	477	394	104	164
INCOME IN 1969											
Less than \$2,000	4 412	3 737	2 328	1 042	263	104	675	399	212	33	31
\$2,000 to \$2,999	1 802	1 537	678	559	218	82	265	119	93	27	26
\$3,000 to \$3,999	1 851	1 573	583	630	262	98	278	91	116	38	33
\$4,000 to \$4,999	1 681	1 518	522	644	256	96	163	52	70	8	33
\$5,000 to \$5,999	1 588	1 447	438	670	201	33	141	23	37	45	36
\$6,000 to \$6,999	1 054	994	246	514	229	33	60	9	34	10	7
\$7,000 to \$9,999	2 021	1 862	458	925	311	170	159	19	71	31	38
\$10,000 to \$14,999	987	881	201	442	145	73	106	6	17	22	61
\$15,000 to \$24,999	186	178	71	61	31	15	8	-	4	-	4
\$25,000 or more	54	49	23	26	5	-	5	-	5	-	-
Median	\$3 900	\$4 000	\$2 700	\$4 800	\$4 900	\$5 100	\$3 000	\$2000-	\$3 200	\$5 000	\$5 300
GROSS RENT AS PERCENTAGE OF INCOME											
Specified renter occupied ²	15 059	13 361	5 443	5 299	1 868	751	1 698	672	584	197	245
Less than 10 percent	1 003	816	186	382	169	79	187	20	84	31	52
10 to 14 percent	2 106	1 877	518	908	314	137	229	33	103	32	61
15 to 19 percent	2 447	2 249	641	988	459	161	198	48	77	33	40
20 to 24 percent	2 075	1 882	674	810	313	85	193	83	56	20	34
25 to 34 percent	2 393	2 210	899	906	271	134	183	83	56	34	10
35 percent or more	4 164	3 672	2 106	1 130	295	141	492	285	168	29	10
Not computed	871	655	419	175	47	14	216	120	40	18	38
HEATING EQUIPMENT											
Steam or hot water	751	699	399	252	32	16	52	30	12	-	10
Warm-air furnace	1 808	1 716	771	706	186	53	92	19	64	9	-
Built-in electric units	5 500	5 347	2 125	2 231	677	314	1 533	54	60	17	22
Floor, wall, or pipeless furnace	910	861	349	341	120	51	49	24	10	5	10
Other means	6 616	5 135	1 894	1 977	921	343	1 481	581	498	175	227
None	51	18	10	4	-	4	33	10	15	8	-

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 A-15. Rooms in Owner and Renter Occupied 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]

The SMSA	Total	1 room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Median
Owner occupied housing units	10 925	8	29	353	2 075	3 436	2 842	1 231	951	5.1
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	9 665	7	7	273	1 659	3 034	2 634	1 182	869	5.5
PERSONS										
1 person	1 324	-	18	142	401	463	203	50	47	4.7
2 persons	2 956	3	-	111	783	1 012	638	271	138	5.1
3 persons	1 958	-	6	33	323	618	606	207	165	5.5
4 persons	1 412	-	-	34	230	435	341	198	174	5.5
5 persons	1 176	-	-	8	129	374	364	202	99	5.7
6 persons or more	2 099	5	5	25	209	534	690	303	328	5.9
Median	3.1	-	-	1.8	2.3	2.9	3.5	3.9	4.2	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	9 791	8	11	277	1 667	3 115	2 615	1 179	919	5.4
0.50 or less	4 761	-	6	110	916	1 352	1 309	512	556	5.5
0.51 to 1.00	3 707	-	-	110	480	1 288	916	581	332	5.5
1.01 to 1.50	1 042	-	-	29	203	373	338	68	31	5.3
1.51 or more	281	8	5	28	68	102	52	18	-	4.8
Lacking some or all plumbing facilities	1 134	-	18	76	408	321	227	52	32	4.7
0.50 or less	609	-	12	32	268	123	138	16	20	4.5
0.51 to 1.00	333	-	-	34	73	139	55	26	6	4.9
1.01 to 1.50	123	-	6	5	25	54	23	4	6	5.0
1.51 or more	69	-	-	5	42	5	11	6	-	...
BEDROOMS										
None and 1	794	22	47	273	258	131	63	-	-	3.7
2	4 036	-	-	130	1 399	1 675	568	176	88	4.8
3	4 440	-	-	-	268	1 674	1 522	626	350	5.7
4 or more	1 618	-	-	-	-	54	334	474	756	7.4
YEAR STRUCTURE BUILT										
1969 to March 1970	311	-	-	4	59	103	78	42	25	5.4
1960 to 1968	2 305	-	12	35	360	884	611	250	153	5.3
1950 to 1959	2 530	5	5	69	565	808	633	234	211	5.3
1949 or earlier	5 779	3	12	245	1 091	1 641	1 520	705	562	5.4
COMPLETE BATHROOMS										
1 and 1 1/2	8 530	7	7	269	1 597	2 919	2 388	910	433	5.3
2 or more	1 142	-	-	11	62	115	246	272	436	7.0
None or also used by another household	1 218	-	12	64	448	329	281	57	27	4.8
VALUE-INCOME RATIO										
Specified owner occupied¹	9 462	-	17	245	1 648	3 091	2 523	1 112	826	5.4
Less than 1.5	3 871	-	5	92	684	1 258	1 006	495	331	5.4
1.5 to 1.9	1 588	-	-	22	211	578	480	170	127	5.5
2.0 to 2.9	1 623	-	-	42	241	487	537	210	106	5.6
3.0 or more	2 255	-	6	83	471	745	475	228	247	5.3
Not computed	125	-	6	6	41	23	25	9	15	4.9
Renter occupied housing units	15 636	256	837	3 859	6 406	2 796	972	325	185	3.9
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	13 335	91	546	3 200	5 588	2 506	944	267	193	4.0
PERSONS										
1 person	3 652	197	521	1 741	918	193	52	17	13	3.1
2 persons	3 891	37	159	1 144	1 983	372	130	41	25	3.8
3 persons	2 574	9	71	461	1 370	422	194	22	25	4.0
4 persons	1 815	7	45	188	982	482	58	34	19	4.2
5 persons	1 253	-	10	114	543	425	98	44	19	4.4
6 persons or more	2 451	6	31	211	610	902	440	167	84	4.9
Median	2.6	1.1	1.3	1.7	2.7	4.4	5.0	5.7	5.1	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	13 776	114	579	3 308	5 788	2 621	893	294	179	4.0
0.50 or less	5 548	-	369	1 535	2 656	508	339	65	76	3.8
0.51 to 1.00	5 511	78	97	1 385	2 162	1 281	256	158	94	4.1
1.01 to 1.50	1 936	-	66	134	728	688	257	54	9	4.6
1.51 or more	781	36	47	254	242	144	41	17	-	3.7
Lacking some or all plumbing facilities	1 860	142	258	551	618	175	79	31	6	3.5
0.50 or less	718	-	152	206	245	57	37	15	6	3.5
0.51 to 1.00	659	119	62	220	190	48	11	9	-	3.2
1.01 to 1.50	214	-	5	54	91	43	14	7	-	4.0
1.51 or more	269	23	39	71	92	27	17	-	-	3.5
BEDROOMS										
None	228	166	22	40	-	-	-	-	-	...
1	4 363	-	699	3 043	482	139	-	-	-	3.0
2	7 501	-	-	839	5 413	1 100	91	43	15	4.0
3 or more	3 441	-	-	-	443	1 928	695	294	81	5.2
YEAR STRUCTURE BUILT										
1969 to March 1970	846	23	21	115	481	144	29	17	16	4.0
1960 to 1968	3 517	38	231	748	1 806	516	131	22	25	3.9
1950 to 1959	3 827	42	137	833	1 584	856	267	73	35	4.1
1949 or earlier	7 446	153	448	2 163	2 535	1 280	545	213	109	3.9
COMPLETE BATHROOMS										
1 and 1 1/2	13 260	123	577	3 242	5 574	2 506	901	219	118	4.0
2 or more	300	7	9	32	48	27	43	59	75	6.1
None or also used by another household	2 127	168	276	642	730	175	82	38	16	3.5
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied²	15 059	251	821	3 714	6 202	2 683	947	267	174	3.9
Less than 10 percent	1 003	16	48	215	388	231	75	13	17	4.1
10 to 14 percent	2 106	33	84	385	975	405	174	39	11	4.1
15 to 19 percent	2 447	37	107	541	1 069	458	169	4	4	4.0
20 to 24 percent	2 075	48	100	465	857	366	164	62	32	4.0
25 to 34 percent	2 393	20	131	542	990	493	155	43	19	4.0
35 percent or more	4 164	68	283	1 377	1 594	579	161	41	61	3.7
Not computed	871	29	68	189	329	151	49	26	30	4.0

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 A-16. Units in Structure for Owner and Renter Occupied 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]

The SMSA	Owner occupied				Renter occupied							
	Total	1 unit	2 units or more	Mobile home or trailer	Total	1 unit	2 units	3 and 4 units	5 to 9 units	10 to 19 units	20 units or more	Mobile home or trailer
All occupied housing units	10 925	10 108	663	154	15 636	6 369	2 249	2 317	1 895	1 550	1 198	58
ROOMS												
1 room	8	3	5	-	256	52	6	35	64	30	69	-
2 rooms	29	23	-	6	837	225	102	116	94	157	131	12
3 rooms	353	259	66	28	3 859	1 050	947	545	432	512	370	3
4 rooms	2 075	1 797	190	88	6 406	2 393	842	1 232	901	584	419	35
5 rooms	3 436	3 243	167	26	2 796	1 530	265	308	322	210	161	-
6 rooms	2 842	2 718	124	-	972	747	35	71	49	27	43	-
7 rooms	1 231	1 179	46	6	325	216	34	6	33	23	5	8
8 rooms or more	951	866	65	-	185	156	18	4	-	7	-	-
Median	5.4	5.4	4.9	4.0	3.9	4.3	3.6	3.9	3.9	3.6	3.6	-
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	9 791	9 060	601	130	13 776	5 159	2 019	2 180	1 778	1 462	1 146	32
0.50 or less	4 761	4 390	342	29	5 548	1 991	889	941	711	548	460	8
0.51 to 1.00	3 707	3 441	195	71	5 511	2 060	827	827	704	602	478	13
1.01 to 1.50	1 042	969	43	30	1 936	811	190	292	297	217	118	11
1.51 or more	281	260	21	-	781	297	113	120	66	95	90	-
Lacking some or all plumbing facilities	1 134	1 048	62	24	1 860	1 210	230	137	117	88	52	26
0.50 or less	609	563	31	15	718	458	108	68	36	36	9	3
0.51 to 1.00	333	310	14	9	659	365	88	52	69	46	34	5
1.01 to 1.50	112	112	11	-	214	184	9	5	-	-	9	7
1.51 or more	69	63	6	-	269	203	25	17	7	6	-	11
BEDROOMS												
None	22	22	-	-	228	18	19	46	42	21	82	-
1	772	646	104	22	4 363	1 241	830	723	562	462	524	21
2	4 036	3 629	324	83	7 501	2 956	1 181	1 516	780	581	487	-
3	4 440	4 239	179	22	2 848	1 637	296	242	320	193	138	22
4 or more	1 618	1 537	61	20	593	336	53	39	59	86	20	-
YEAR STRUCTURE BUILT												
1969 to March 1970	311	261	16	34	846	158	59	141	190	150	140	8
1965 to 1968	1 208	1 122	34	52	1 636	340	258	393	258	193	164	36
1960 to 1964	1 097	987	83	27	1 881	491	201	376	185	308	320	-
1950 to 1959	2 530	2 407	92	31	3 827	1 400	533	531	626	433	287	17
1940 to 1949	1 783	1 632	151	-	2 494	1 305	358	330	224	171	103	3
1939 or earlier	3 996	3 699	287	10	4 952	2 675	840	546	412	295	184	-
INCOME IN 1969												
Less than \$2,000	1 682	1 519	137	26	4 412	1 805	631	509	599	434	434	-
\$2,000 to \$2,999	752	690	52	10	1 802	705	278	216	214	233	134	22
\$3,000 to \$3,999	842	781	50	11	1 851	719	311	292	218	187	117	7
\$4,000 to \$4,999	771	714	42	15	1 681	673	272	267	194	171	104	-
\$5,000 to \$5,999	870	765	77	28	1 588	600	173	311	207	182	108	7
\$6,000 to \$6,999	839	773	55	11	1 054	436	142	181	106	95	94	-
\$7,000 to \$9,999	2 216	2 033	151	32	2 021	831	297	346	227	175	141	4
\$10,000 to \$14,999	2 090	1 994	75	21	987	498	100	144	111	57	59	18
\$15,000 to \$24,999	734	721	13	-	186	60	45	39	19	16	7	-
\$25,000 or more	129	118	11	-	54	42	-	12	-	-	-	-
Median	\$6 700	\$6 800	\$5 700	\$5 500	\$3 900	\$3 900	\$3 700	\$4 500	\$3 600	\$3 600	\$3 300	-
YEAR MOVED INTO UNIT												
1969 to March 1970	1 075	947	66	62	5 168	1 759	736	835	630	689	510	9
1968	811	781	30	-	2 048	797	272	345	284	182	147	21
1967	857	772	62	23	1 225	605	142	137	162	66	99	14
1965 and 1966	1 524	1 383	83	58	2 548	1 017	371	290	320	297	238	15
1960 to 1964	2 259	2 143	116	-	2 327	1 030	380	300	281	249	87	-
1950 to 1959	2 108	1 975	127	6	1 621	811	221	189	204	110	86	-
1949 or earlier	2 256	2 106	150	-	750	474	108	49	58	20	41	-
GROSS RENT												
Specified renter occupied ¹	...	...	...	...	15 059	5 792	2 249	2 317	1 895	1 550	1 198	58
Less than \$50	...	...	...	...	3 191	1 239	384	205	553	388	408	14
\$50 to \$59	...	...	...	...	1 103	482	181	67	174	139	52	8
\$60 to \$69	...	...	...	...	1 446	514	299	222	167	158	86	-
\$70 to \$79	...	...	...	...	1 863	628	312	353	258	184	128	-
\$80 to \$99	...	...	...	...	3 172	1 070	533	711	335	295	223	5
\$100 to \$119	...	...	...	...	2 308	817	347	581	241	234	88	-
\$120 to \$149	...	...	...	...	1 262	558	123	147	136	136	149	13
\$150 to \$199	...	...	...	...	309	180	22	31	22	5	49	-
\$200 to \$299	...	...	...	...	34	31	-	-	3	-	-	-
\$300 or more	...	...	...	...	-	-	-	-	-	-	-	-
No cash rent	...	...	...	...	371	273	48	-	6	11	15	18
Median	...	...	...	...	\$79	\$78	\$78	\$91	\$72	\$75	\$74	-
HEATING EQUIPMENT												
Steam or hot water	77	69	8	-	751	208	20	75	218	133	97	-
Warm-air furnace	2 468	2 215	219	34	1 808	508	343	352	255	130	207	13
Built-in electric units	3 831	3 624	175	32	5 500	1 495	810	1 129	665	803	583	15
Floor, wall, or pipeless furnace	882	812	60	10	910	378	116	146	130	129	11	-
Other means	3 652	3 373	201	78	6 616	3 733	960	611	627	355	300	30
None	15	15	-	-	51	47	-	4	-	-	-	-
AIR CONDITIONING												
Room unit(s)	6 018	5 626	312	80	3 999	1 372	507	881	411	427	376	25
Central system	806	741	46	19	490	102	40	40	53	115	140	-
None	4 066	3 740	276	50	11 198	5 019	1 683	1 224	1 475	1 071	692	34
AUTOMOBILES AVAILABLE												
1	4 946	4 534	296	116	6 364	2 703	906	997	692	643	394	29
2	3 216	3 079	117	20	1 216	627	152	161	152	54	70	-
3 or more	467	433	34	-	134	62	15	25	20	12	-	-
None	2 261	2 061	187	13	7 973	3 101	1 157	962	1 075	904	744	30

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

Table A-17. Household Composition for Owner and Renter Occupied 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]

The SMSA	Two-or-more-person households										One-person households	
	Total	Male head, wife present, no nonrelatives					Other male head		Female head		Under 65 years	65 years and over
		Under 25 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Under 65 years	65 years and over	Under 65 years	65 years and over		
Owner occupied housing units	10 925	179	1 045	1 651	3 255	1 149	360	163	1 226	573	684	640
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	9 791	168	977	1 537	2 996	982	317	133	1 097	506	612	466
0.50 or less	4 761	67	155	323	1 418	682	147	71	517	303	612	466
0.51 to 1.00	3 707	62	579	835	1 241	216	120	48	420	166	—	—
1.01 to 1.50	1 042	10	217	279	272	67	42	6	117	32	—	—
1.51 or more	281	9	26	100	65	17	8	8	43	5	—	—
Lacking some or all plumbing facilities	1 134	11	68	114	259	167	43	30	129	67	72	174
0.50 or less	609	6	—	9	79	123	33	25	51	37	72	174
0.51 to 1.00	333	5	52	48	105	38	5	5	45	30	—	—
1.01 to 1.50	123	—	10	22	58	6	5	—	22	—	—	—
1.51 or more	69	—	6	35	17	—	—	—	11	—	—	—
UNITS IN STRUCTURE												
1	10 108	154	960	1 607	3 077	1 062	319	131	1 139	502	599	558
2 or more	663	15	34	24	163	87	27	32	71	59	73	78
Mobile home or trailer	154	10	51	20	15	—	14	—	16	12	12	4
INCOME IN 1969												
Less than \$2,000	1 682	4	9	20	139	265	27	33	231	229	238	487
\$2,000 to \$2,999	752	21	9	26	101	235	15	24	106	77	72	68
\$3,000 to \$3,999	842	12	19	45	171	130	32	18	197	73	97	48
\$4,000 to \$4,999	771	25	52	85	257	105	35	18	78	36	68	12
\$5,000 to \$5,999	870	19	90	116	271	92	57	15	110	39	54	7
\$6,000 to \$6,999	839	20	102	104	341	71	56	9	71	23	32	10
\$7,000 to \$9,999	2 216	22	353	501	760	95	48	15	260	57	99	6
\$10,000 to \$14,999	2 090	47	339	529	840	88	54	18	123	28	20	4
\$15,000 to \$24,999	734	9	62	196	313	56	26	13	44	11	4	—
\$25,000 or more	129	—	10	29	62	12	10	—	6	—	—	—
Median	\$6 700	\$6 400	\$9 100	\$9 600	\$8 400	\$3 600	\$6 300	\$4 400	\$5 000	\$2 700	\$3 300	\$2000—
VALUE-INCOME RATIO												
Specified owner occupied ¹	9 462	130	918	1 524	2 880	990	302	116	1 048	466	561	527
Less than 1.5	3 871	52	534	840	1 514	254	116	50	328	86	84	13
1.5 to 1.9	1 588	30	177	338	521	138	59	—	167	50	99	9
2.0 to 2.4	915	6	113	147	271	93	56	12	106	24	46	41
2.5 to 2.9	708	15	24	90	211	88	8	19	101	63	57	47
3.0 to 3.9	590	—	41	64	148	110	16	3	79	44	38	4
4.0 or more	1 665	27	29	45	200	295	42	24	258	190	202	353
Not computed	125	—	—	—	15	12	5	8	9	9	35	32
Renter occupied housing units	15 636	949	1 886	1 317	1 802	701	820	197	3 864	448	2 385	1 267
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	13 776	898	1 725	1 174	1 522	579	712	156	3 622	348	1 989	1 051
0.50 or less	5 548	209	299	148	449	228	211	91	775	176	1 935	1 027
0.51 to 1.00	5 511	535	954	454	766	315	389	56	1 820	144	54	24
1.01 to 1.50	1 936	124	352	343	215	18	45	4	812	23	—	—
1.51 or more	781	30	120	229	92	18	67	5	215	5	—	—
Lacking some or all plumbing facilities	1 860	51	161	143	280	122	108	41	242	100	396	218
0.50 or less	718	—	11	—	52	58	31	—	34	39	309	184
0.51 to 1.00	659	34	33	40	152	51	43	36	105	46	87	32
1.01 to 1.50	214	11	29	42	40	4	15	—	62	11	—	—
1.51 or more	269	6	88	61	36	9	19	5	41	4	—	—
UNITS IN STRUCTURE												
1	6 369	269	635	642	999	376	305	108	1 623	236	723	453
2 to 4	4 566	329	743	355	421	145	268	41	929	67	910	358
5 to 19	3 445	249	407	202	282	126	172	41	1 049	97	531	289
20 or more	1 198	102	84	107	81	54	75	7	263	48	221	156
Mobile home or trailer	58	—	17	11	19	—	—	—	—	—	—	11
GROSS RENT												
Specified renter occupied ²	15 059	919	1 822	1 274	1 696	639	770	192	3 738	421	2 361	1 227
Less than \$50	3 191	49	79	77	176	194	53	38	1 000	143	669	713
\$50 to \$59	1 103	28	89	86	80	66	59	24	334	48	210	79
\$60 to \$69	1 446	99	145	82	143	84	97	23	376	36	267	94
\$70 to \$79	1 863	115	201	137	292	83	117	31	401	52	334	100
\$80 to \$99	3 172	183	448	400	474	86	174	40	766	41	453	107
\$100 to \$119	2 308	267	547	264	256	67	114	12	475	24	232	50
\$120 to \$149	1 262	130	200	162	147	26	129	16	281	31	104	36
\$150 to \$199	309	26	66	36	51	—	21	—	77	16	16	—
\$200 to \$299	34	7	—	10	3	—	—	—	10	—	4	—
\$300 or more	—	—	—	—	—	—	—	—	—	—	—	—
No cash rent	371	15	47	20	74	33	6	8	18	30	72	48
GROSS RENT AS PERCENTAGE OF INCOME BY INCOME												
Specified renter occupied ²	15 059	919	1 822	1 274	1 696	639	770	192	3 738	421	2 361	1 227
Less than \$5,000	9 326	453	428	309	698	516	435	145	2 865	338	1 956	1 183
Less than 20 percent	1 293	69	82	59	117	87	91	11	456	35	220	66
20 to 24 percent	1 203	60	82	38	125	104	48	15	391	35	252	53
25 to 34 percent	1 962	111	138	124	162	56	68	27	688	57	347	184
35 percent or more	4 134	200	96	71	253	224	190	84	1 170	171	959	716
Not computed	734	13	30	17	41	45	38	8	160	40	178	164
\$5,000 to \$9,999	4 553	403	1 048	750	748	83	273	37	745	83	351	32
Less than 20 percent	3 145	239	733	505	589	55	173	24	517	60	224	26
20 to 24 percent	865	90	213	175	89	10	48	13	129	7	85	6
25 to 34 percent	431	63	79	63	51	10	48	—	85	5	27	—
35 percent or more	30	—	10	—	—	—	4	—	10	—	—	—
Not computed	82	11	13	7	13	8	—	—	4	—	11	—
\$10,000 to \$14,999	957	53	315	182	188	19	41	10	104	—	39	6
Less than 20 percent	911	7	296	182	165	15	41	10	104	—	39	6
20 to 24 percent	7	—	4	—	3	—	—	—	—	—	—	—
25 percent or more	—	—	—	—	—	—	—	—	—	—	—	—
Not computed	39	—	15	—	20	4	—	—	—	—	—	—
\$15,000 or more	223	10	31	33	62	21	21	—	24	—	15	6
Less than 20 percent	207	10	31	33	52	21	15	—	24	—	15	6
20 to 24 percent	—	—	—	—	—	—	—	—	—	—	—	—
25 percent or more	—	—	—	—	—	—	—	—	—	—	—	—
Not computed	16	—	—	—	10	—	6	—	—	—	—	—

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 A-18. Persons in Owner and Renter Occupied 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]

The SMSA	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons or more	Median
Owner occupied housing units	10 925	1 324	2 956	1 958	1 412	1 176	908	662	529	3.1
BEDROOMS										
None and 1	794	364	189	41	52	17	41	-	90	1.7
2	4 036	630	1 806	697	462	185	129	69	58	2.3
3	4 440	268	606	995	814	639	531	356	231	3.9
4 or more	1 618	82	129	270	272	192	209	267	197	4.8
YEAR STRUCTURE BUILT										
1969 to March 1970	311	23	63	116	41	39	20	-	9	3.1
1965 to 1968	1 208	81	251	236	258	158	136	47	41	3.6
1960 to 1964	1 097	72	251	207	182	140	109	50	86	3.6
1950 to 1959	2 530	249	711	487	313	266	191	170	143	3.1
1940 to 1949	1 783	250	521	221	187	236	136	134	98	3.0
1939 or earlier	3 996	649	1 159	691	431	337	316	261	152	2.8
UNITS IN STRUCTURE										
1	10 108	1 157	2 732	1 825	1 311	1 104	842	639	498	3.1
2 or more	663	151	183	103	71	50	51	23	31	2.5
Mobile home or trailer	154	16	41	30	30	22	15	-	-	3.2
COMPLETE BATHROOMS										
1 and 1 1/2	8 530	939	2 463	1 540	1 069	894	714	502	409	3.1
2 and 2 1/2	1 039	99	201	182	173	184	113	45	42	3.7
3 or more	103	13	4	19	16	24	14	13	-	...
None or also used by another household	1 218	286	336	176	132	95	58	101	34	2.5
HOUSEHOLD COMPOSITION										
Two-or-more-person households	9 601	...	2 956	1 958	1 412	1 176	908	662	529	3.4
Male head, wife present, no nonrelatives	7 279	...	2 051	1 390	1 142	983	726	568	419	3.7
Under 25 years	179	...	33	54	47	16	9	16	4	3.6
25 to 34 years	1 045	...	66	170	289	208	150	95	67	4.5
35 to 44 years	1 651	...	185	275	277	284	245	217	168	4.8
45 to 64 years	3 255	...	1 083	679	471	391	293	190	148	3.3
65 years and over	1 149	...	684	212	58	84	29	50	32	2.3
Other male head	523	...	232	121	50	32	50	25	13	2.7
Under 65 years	360	...	149	87	28	32	44	15	5	2.9
65 years and over	163	...	83	34	22	6	6	10	8	2.5
Female head	1 799	...	673	447	220	161	132	69	97	3.0
Under 65 years	1 226	...	387	329	148	116	104	60	82	3.2
65 years and over	573	...	286	118	72	45	28	9	15	2.5
One-person households	1 324	1 324	...	...	...	...	...	...	...	1.0
VALUE-INCOME RATIO										
Specified owner-occupied¹	9 462	1 088	2 520	1 700	1 243	1 054	799	597	461	3.2
Less than 1.5	3 871	97	705	775	668	485	478	363	280	4.0
1.5 to 1.9	1 588	108	387	321	223	249	124	94	82	3.4
2.0 to 2.4	915	87	328	135	83	124	86	32	40	2.8
2.5 to 2.9	708	89	257	136	78	73	32	28	15	2.6
3.0 to 3.9	590	85	227	89	70	37	37	23	22	2.4
4.0 or more	1 665	555	578	230	121	80	42	37	22	2.0
Not computed	125	67	38	14	-	6	-	-	-	1.4
Renter occupied housing units	15 636	3 652	3 891	2 574	1 815	1 253	889	975	587	2.6
BEDROOMS										
None	228	188	21	19	-	-	-	-	-	...
1	4 363	2 387	1 075	470	208	99	36	44	44	1.4
2	7 501	1 042	2 063	1 690	1 353	596	277	287	193	2.9
3 or more	3 441	132	319	356	489	538	519	619	469	5.3
YEAR STRUCTURE BUILT										
1969 to March 1970	846	135	260	118	139	78	25	74	17	2.7
1965 to 1968	1 636	312	395	395	216	147	60	71	40	2.8
1960 to 1964	1 881	403	553	310	242	127	122	77	47	2.5
1950 to 1959	3 827	741	744	685	461	396	279	356	165	3.1
1940 to 1949	2 494	697	575	376	310	196	111	142	87	2.5
1939 or earlier	4 952	1 364	1 364	690	447	309	292	255	231	2.3
UNITS IN STRUCTURE										
1	6 369	1 176	1 480	1 066	734	517	480	526	390	3.0
2	2 249	701	561	396	243	164	76	58	50	2.3
3 and 4	2 317	567	634	396	296	172	98	114	40	2.4
5 to 9	1 895	429	493	289	256	190	83	126	29	2.6
10 to 19	1 550	391	414	259	177	123	71	80	35	2.4
20 or more	1 198	377	309	168	99	76	70	56	43	2.2
Mobile home or trailer	58	11	-	-	10	11	11	15	-	...
COMPLETE BATHROOMS										
1 and 1 1/2	13 260	2 883	3 435	2 309	1 487	1 138	768	810	430	2.6
2 or more	300	48	32	40	34	32	43	46	25	4.4
None or also used by another household	2 127	747	480	233	207	90	100	154	116	2.2
HOUSEHOLD COMPOSITION										
Two-or-more-person households	11 984	...	3 891	2 574	1 815	1 253	889	975	587	3.3
Male head, wife present, no nonrelatives	6 655	...	2 059	1 454	1 010	681	491	561	399	3.4
Under 25 years	949	...	299	172	120	78	35	15	21	3.0
25 to 34 years	1 886	...	384	432	429	277	133	156	75	3.8
35 to 44 years	1 317	...	203	169	153	175	177	261	179	5.3
45 to 64 years	1 802	...	720	386	218	110	132	121	115	3.0
65 years and over	701	...	453	138	38	41	14	8	9	2.3
Other male head	1 017	...	520	196	131	57	39	42	32	2.5
Under 65 years	820	...	392	151	116	57	39	38	27	2.6
65 years and over	197	...	128	45	15	-	-	4	5	2.3
Female head	4 312	...	1 312	924	674	515	359	372	156	3.4
Under 65 years	3 864	...	1 029	843	632	506	341	361	152	3.6
65 years and over	448	...	283	81	42	9	18	11	4	2.3
One-person households	3 652	3 652	...	...	...	...	...	...	...	1.0
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied²	15 059	3 588	3 710	2 482	1 750	1 221	851	932	525	2.6
Less than 10 percent	1 003	84	221	161	163	122	89	95	68	3.7
10 to 14 percent	2 106	195	487	495	305	203	175	164	82	3.2
15 to 19 percent	2 447	323	618	359	343	267	196	233	108	3.3
20 to 24 percent	2 075	396	545	384	246	174	96	144	90	2.8
25 to 34 percent	2 393	558	565	407	300	209	127	120	107	2.7
35 percent or more	4 164	1 675	1 061	547	356	211	126	157	31	1.9
Not computed	871	357	213	129	37	35	42	19	39	1.9

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 B-1. Value of Owner Occupied Housing Units: 1970

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

Nashville-Davidson	Total	Less than	\$5,000	\$7,500	\$10,000	\$12,500	\$15,000	\$20,000	\$25,000	\$35,000	\$50,000	Median (dollars)
		\$5,000	to \$7,499	to \$9,999	to \$12,499	to \$14,999	to \$19,999	to \$24,999	to \$34,999	to \$49,999	or more	
Specified owner occupied¹	73 488	2 014	4 143	8 075	10 232	9 128	17 894	6 963	7 309	3 500	2 230	15 800
ROOMS												
1 and 2 rooms	155	43	24	11	21	-	29	9	7	11	-	9 900
3 rooms	680	182	125	137	106	36	45	26	23	-	-	8 100
4 rooms	7 075	809	1 380	2 235	1 458	588	71	37	5	25	25	9 600
5 rooms	21 840	571	1 466	3 187	4 739	4 302	5 650	1 383	425	97	20	13 100
6 rooms	21 466	283	859	1 687	2 524	2 811	7 427	3 651	1 759	372	93	16 600
7 rooms	12 445	88	157	565	944	1 003	3 068	2 635	2 836	900	249	20 800
8 rooms or more	9 827	38	132	253	440	388	1 208	1 188	2 222	2 115	1 843	30 700
Median	5.8	4.5	4.9	5.0	5.2	5.4	5.9	6.3	7.0	7.5+	7.5+	...
PERSONS												
1 person	6 303	431	730	1 137	1 204	702	1 050	421	334	214	80	11 800
2 persons	21 473	786	1 482	2 789	3 185	2 693	5 019	2 333	1 804	824	558	14 800
3 persons	15 279	311	752	1 521	2 048	2 012	3 986	1 998	1 500	675	386	16 100
4 persons	14 878	180	411	1 064	1 865	1 775	4 006	2 366	1 881	844	486	17 400
5 persons	8 582	123	346	675	959	1 062	2 194	1 112	1 108	541	462	17 300
6 persons or more	6 973	183	422	889	971	884	1 639	733	592	402	258	15 400
Median	3.1	2.2	2.4	2.6	2.9	3.1	3.2	3.4	3.5	3.5	3.7	...
Units with roomers, boarders, or lodgers	1 098	41	118	198	191	109	191	92	90	33	35	12 500
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	72 091	1 528	3 829	7 909	10 086	9 053	17 769	8 913	7 295	3 488	2 221	15 900
0.50 or less	38 961	941	2 228	4 299	5 070	4 344	8 761	4 665	4 383	2 469	1 801	16 300
0.51 to 1.00	29 780	424	1 273	2 817	4 338	4 181	8 413	4 100	2 810	1 004	420	16 000
1.01 to 1.50	2 867	120	245	654	586	485	538	140	90	9	-	11 800
1.51 or more	483	43	83	139	92	43	57	8	12	6	-	9 600
Lacking some or all plumbing facilities	1 397	486	314	166	146	75	125	50	14	12	9	6 700
0.50 or less	761	255	157	110	95	42	70	9	10	4	9	7 000
0.51 to 1.00	425	169	98	31	38	18	40	19	4	8	-	6 100
1.01 to 1.50	140	35	36	25	13	9	5	17	-	-	-	7 400
1.51 or more	71	27	23	-	-	6	10	5	-	-	-	...
BEDROOMS												
None and 1	1 875	307	384	308	424	174	132	77	69	-	-	9 500
2	23 867	1 049	2 398	4 845	4 535	3 868	4 955	1 376	580	178	83	12 000
3	36 570	589	1 068	2 583	4 105	4 215	10 999	5 816	4 780	1 821	594	17 400
4 or more	11 526	105	255	577	906	728	2 142	1 599	2 079	1 644	1 491	23 300
YEAR STRUCTURE BUILT												
1969 to March 1970	1 523	11	22	10	39	87	328	397	365	124	140	23 300
1965 to 1968	8 200	61	39	103	437	583	2 491	1 923	1 495	675	393	21 000
1960 to 1964	12 928	138	225	435	1 117	1 593	4 546	2 145	1 518	854	357	18 100
1950 to 1959	25 271	372	858	2 265	3 685	4 017	6 826	2 947	2 548	1 131	622	15 900
1940 to 1949	10 463	432	885	1 911	2 180	2 155	1 676	732	653	296	243	12 300
1939 or earlier	15 103	1 000	2 114	3 351	2 774	1 393	2 027	819	730	420	475	11 000
COMPLETE BATHROOMS												
1 and 1 1/2	53 411	1 456	3 604	7 472	9 650	8 477	14 930	5 507	1 922	295	98	13 800
2 and 2 1/2	15 287	45	118	279	538	639	2 522	3 330	4 699	2 339	778	25 400
3 or more	3 099	-	7	4	19	21	96	132	600	850	1 370	46 800
None or also used by another household	1 610	523	380	223	162	95	114	69	15	17	12	6 900
HOUSEHOLD COMPOSITION												
Two-or-more-person households	67 185	1 583	3 413	6 938	9 028	8 426	16 844	8 542	6 975	3 286	2 150	16 100
Male head, wife present, no nonrelatives	58 930	1 134	2 733	5 638	7 601	7 335	15 084	7 880	6 493	3 036	1 996	16 500
Under 25 years	1 228	31	73	86	243	210	409	133	15	22	6	14 700
25 to 34 years	11 125	115	229	755	1 293	1 458	3 597	1 919	1 290	325	144	17 200
35 to 44 years	15 058	141	523	1 085	1 674	1 412	4 112	2 310	1 801	1 031	619	17 600
45 to 64 years	24 879	460	1 338	2 590	3 429	3 089	5 639	2 983	2 889	1 397	1 065	16 200
65 years and over	6 640	387	1 122	962	1 227	816	1 327	535	498	261	162	13 400
Other male head	1 785	106	118	323	250	209	345	115	162	98	59	13 600
Under 65 years	1 395	60	83	255	204	185	286	85	136	60	41	13 800
65 years and over	390	46	35	68	46	24	59	30	26	38	18	12 500
Female head	6 470	343	562	977	1 177	882	1 415	547	320	152	95	13 000
Under 65 years	4 724	209	314	661	865	647	1 166	417	263	119	63	13 700
65 years and over	1 746	134	248	316	312	235	249	130	57	33	32	11 400
One-person households	6 303	431	730	1 137	1 204	702	1 050	421	334	214	80	11 800
Under 65 years	3 366	215	280	578	627	481	552	242	222	110	59	12 400
65 years and over	2 937	216	450	559	577	221	498	179	112	104	21	11 100
INCOME IN 1969												
Less than \$2 000	4 984	519	715	1 018	891	535	642	242	245	127	50	10 700
\$2 000 to \$2 999	2 294	246	355	501	407	268	311	85	83	33	5	10 300
\$3 000 to \$3 999	2 628	227	322	555	540	257	365	179	114	48	21	11 000
\$4 000 to \$4 999	2 866	178	360	647	553	272	574	146	72	45	19	11 100
\$5 000 to \$5 999	3 333	163	370	637	674	484	612	223	116	30	24	11 800
\$6 000 to \$6 999	3 474	100	301	609	713	582	673	259	138	62	37	12 600
\$7 000 to \$9 999	14 466	261	913	1 955	2 878	2 326	3 885	1 251	651	263	83	13 800
\$10 000 to \$14 999	21 960	254	608	1 695	2 660	3 145	7 021	3 599	2 260	561	157	16 700
\$15 000 to \$24 999	13 045	52	193	395	814	1 147	3 430	2 522	2 611	1 380	502	21 000
\$25 000 or more	4 437	14	6	63	102	112	381	457	1 019	951	1 332	36 000
Median	\$10 600	\$4 100	\$5 900	\$7 100	\$8 400	\$9 800	\$11 300	\$12 900	\$14 900	\$19 200	\$31 700	...
YEAR MOVED INTO UNIT												
1969 to March 1970	7 193	116	241	431	752	755	1 829	1 218	1 047	443	361	18 400
1968	6 061	57	155	381	583	699	1 870	919	837	377	183	17 700
1967	5 164	63	142	390	563	770	1 337	935	572	210	182	17 200
1965 and 1966	9 443	155	381	660	1 334	1 159	2 442	1 473	1 034	472	333	16 900
1960 to 1964	16 792	352	667	1 679	2 388	2 149	4 556	1 987	1 589	944	481	16 200
1950 to 1959	19 242	608	1 317	2 578	2 906	2 659	4 575	1 963	1 592	849	495	14 600
1949 or earlier	9 512	673	1 206	1 859	1 843	1 041	1 353	543	565	206	223	11 400
HEATING EQUIPMENT												
Steam or hot water	750	-	15	36	53	43	110	118	117	116	142	25 000
Warm-air furnace	20 483	189	595	1 534	2 212	1 701	3 640	2 942	3 484	2 369	1 817	20 600
Built-in electric units	40 305	494	1 164	2 979	5 595	6 345	13 329	5 724	3 516	932	227	16 200
Floor, wall or pipeless furnace	4 650	198	826	1 514	1 185	520	277	45	53	16	9	9 600
Other means	7 270	1 124	1 543	2 012	1 175	519	538	130	134</			

Table B—2. Gross Rent of Renter Occupied Housing Units: 1970

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

Nashville-Davidson

	Total	Less than \$50	\$50 to \$59	\$60 to \$69	\$70 to \$79	\$80 to \$89	\$100 to \$119	\$120 to \$149	\$150 to \$199	\$200 to \$299	\$300 or more	No cash rent	Median (dollars)
Specified renter occupied¹	55 381	4 884	2 127	3 484	4 169	10 363	10 260	9 637	6 189	1 749	381	2 138	103
ROOMS													
1 room	1 428	388	178	128	121	202	186	105	49	5	-	66	69
2 rooms	3 396	574	259	397	347	723	393	446	139	18	-	100	82
3 rooms	13 663	1 612	675	1 362	1 542	2 908	2 108	2 260	808	63	6	319	89
4 rooms	19 692	1 541	688	1 098	1 317	3 921	4 339	3 719	2 265	359	48	457	105
5 rooms	10 769	576	235	343	621	1 768	2 210	1 847	1 756	695	137	579	114
6 rooms	4 171	145	78	113	170	634	713	797	778	357	122	264	124
7 rooms	1 437	33	14	27	36	157	213	339	292	131	29	166	134
8 rooms or more	825	13	-	16	15	50	98	124	162	121	39	187	151
Median	3.9	3.4	3.4	3.4	3.6	3.8	4.1	4.0	4.5	5.1	5.5	4.7	...
PERSONS													
1 person	14 394	2 287	767	1 288	1 238	2 564	2 116	2 130	1 078	219	46	661	90
2 persons	16 934	1 154	554	1 029	1 425	3 127	3 077	3 183	2 031	533	163	658	106
3 persons	9 626	475	310	482	508	2 012	2 055	1 679	1 307	384	52	362	108
4 persons	6 564	287	183	313	421	1 120	1 402	1 274	969	318	62	215	112
5 persons	3 586	294	111	134	229	605	821	696	380	174	26	116	109
6 persons or more	4 277	387	202	238	348	935	789	675	424	121	32	126	99
Median	2.3	1.6	2.0	1.9	2.1	2.3	2.5	2.3	2.5	2.8	2.4	2.1	...
Units with roomers, boarders, or lodgers	1 810	90	71	103	191	331	279	357	227	95	22	44	107
PLUMBING FACILITIES BY PERSONS PER ROOM													
With all plumbing facilities													
0.50 or less	24 263	2 182	757	1 432	1 765	4 252	4 217	4 309	3 007	891	242	1 289	105
0.51 to 1.00	22 919	1 220	706	1 219	1 675	4 417	4 817	4 561	2 819	772	123	209	108
1.01 to 1.50	3 815	389	154	280	358	935	766	554	276	64	11	44	94
1.51 or more	1 338	66	45	93	143	401	344	133	63	30	-	20	96
Lacking some or all plumbing facilities													
0.50 or less	3 046	1 027	465	460	228	358	116	80	24	8	5	275	58
0.51 to 1.00	1 184	466	142	187	92	112	37	17	5	5	5	121	55
1.01 to 1.50	1 288	431	215	217	78	161	26	41	5	-	-	114	57
1.51 or more	271	61	44	25	27	44	17	17	9	-	-	27	67
Median	303	69	64	31	31	41	36	5	10	3	-	13	64
BEDROOMS													
None	1 652	442	66	251	138	239	294	116	47	18	-	41	73
1	18 260	2 214	1 006	1 744	1 974	4 060	2 705	2 848	1 189	151	-	569	88
2	26 001	1 851	816	1 273	1 689	4 705	5 429	4 901	3 545	943	185	664	109
3 or more	9 340	667	369	424	465	1 467	1 494	1 611	1 392	550	131	770	112
YEAR STRUCTURE BUILT													
1969 to March 1970	3 115	233	54	45	29	44	362	735	1 144	336	77	56	151
1965 to 1968	9 069	390	147	157	166	832	2 834	2 064	623	129	178	178	133
1960 to 1964	7 688	314	114	160	306	1 098	1 765	2 110	1 169	313	89	250	120
1950 to 1959	11 342	1 036	482	703	864	2 563	2 439	1 648	938	164	20	485	98
1940 to 1949	8 434	906	345	737	922	2 021	1 827	939	317	122	14	284	91
1939 or earlier	15 733	2 005	985	1 682	1 882	3 805	2 318	1 371	557	191	52	885	84
ELEVATOR IN STRUCTURE													
4 floors or more	2 723	295	85	63	42	238	364	742	459	225	167	43	130
With elevator	2 587	275	85	63	42	238	328	699	439	208	167	43	130
Walk-up	136	20	-	-	-	-	36	43	20	17	-	-	...
1 to 3 floors	52 530	4 879	2 172	3 629	4 224	10 233	9 558	8 734	5 714	1 437	149	1 801	100
COMPLETE BATHROOMS													
1 and 1 1/2	48 796	3 669	1 631	2 849	3 868	9 728	10 029	9 358	5 231	781	46	1 606	104
2 or more	3 268	101	26	42	33	106	153	256	914	978	354	305	192
None or also used by another household	3 366	1 104	513	502	266	383	154	94	25	12	7	306	58
INCOME IN 1969													
Less than \$2,000	9 687	2 873	593	812	828	1 396	1 103	862	501	111	40	568	73
\$2,000 to \$2,999	3 929	758	274	421	432	702	553	375	188	29	-	197	80
\$3,000 to \$3,999	4 617	388	383	565	518	992	715	575	296	49	-	136	87
\$4,000 to \$4,999	5 053	276	309	483	464	1 344	968	722	304	53	6	124	93
\$5,000 to \$5,999	5 071	147	196	276	584	1 303	1 215	810	323	63	5	149	99
\$6,000 to \$6,999	4 541	135	84	206	312	1 118	1 108	936	451	37	7	147	106
\$7,000 to \$9,999	10 883	183	186	479	715	2 138	2 604	2 510	1 410	307	24	327	112
\$10,000 to \$14,999	8 042	107	92	197	248	1 127	1 605	2 148	1 698	442	32	346	127
\$15,000 to \$24,999	2 775	17	10	40	51	209	312	579	658	476	105	118	156
\$25,000 or more	783	-	-	5	17	34	77	120	160	182	162	26	189
Median	\$5 900	\$2 000	\$3 500	\$3 900	\$4 700	\$5 600	\$6 500	\$7 600	\$9 200	\$12 600	\$22 300	\$5 300	...
YEAR MOVED INTO UNIT													
1969 to March 1970	25 464	1 429	627	1 127	1 347	3 922	5 010	5 958	4 200	1 138	207	479	116
1968	8 136	509	303	352	523	1 725	1 697	1 508	1 005	217	72	225	106
1967	4 812	421	174	249	506	954	1 054	692	413	139	14	176	100
1965 and 1966	6 713	375	319	682	682	1 464	1 278	693	292	146	52	258	90
1960 to 1964	5 521	771	362	534	559	1 260	848	521	165	88	38	375	85
1950 to 1959	3 492	641	264	397	428	665	378	213	88	35	9	374	76
1949 or earlier	1 292	249	65	95	102	227	71	123	7	8	15	330	77
GROSS RENT AS PERCENTAGE OF INCOME													
Less than 10 percent	4 048	594	273	508	398	804	572	429	305	113	52	...	86
10 to 14 percent	9 623	549	386	529	864	2 269	2 159	1 669	911	205	82	...	102
15 to 19 percent	10 540	537	418	667	806	2 141	2 155	2 124	1 249	391	52	...	107
20 to 24 percent	7 741	624	314	443	448	1 412	1 574	1 527	1 057	292	50	...	108
25 to 34 percent	7 876	755	160	370	582	1 441	1 567	1 622	1 008	325	46	...	108
35 percent or more	12 362	1 403	510	902	965	2 166	2 047	2 120	1 562	388	99	...	106
Not computed	3 191	222	66	65	106	130	186	146	97	35	-	2 138	89
AIR CONDITIONING													
Room unit(s)	25 569	677	534	1 052	1 659	5 460	6 511	5 573	2 411	378	50	1 264	109
Central system	8 769	95	34	35	40	187	736	2 436	3 290	1 290	341	285	160
None	21 092	4 102	1 602	2 306	2 468	4 570	3 089	1 699	469	103	16	668	79

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

Table B—3. Income in 1969 of Families and Primary Individuals in Owner and Renter Occupied Housing Units: 1970

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

	Total	Less than \$2,000	\$2,000 to \$2,999	\$3,000 to \$3,999	\$4,000 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$9,999	\$10,000 to \$14,999	\$15,000 to \$24,999	\$25,000 or more	Median (dollars)
Nashville-Davidson												
Owner occupied housing units												
	83 714	6 451	3 000	3 211	3 522	4 035	4 218	16 431	24 007	14 006	4 833	10 200
ROOMS												
1 and 2 rooms	351	105	25	37	23	21	31	35	41	28	5	4 400
3 rooms	1 603	478	190	120	143	94	61	266	172	60	19	4 100
4 rooms	9 721	1 500	675	674	706	810	704	2 325	1 840	429	58	6 700
5 rooms	24 590	2 014	1 053	1 027	1 146	1 513	1 553	6 039	7 391	2 564	290	9 000
6 rooms	23 289	1 351	615	804	948	978	1 103	4 860	7 765	4 114	751	10 600
7 rooms or more	24 160	1 003	442	549	556	619	766	2 906	6 798	6 811	3 710	13 900
PERSONS												
1 person	8 550	3 457	1 065	876	749	541	373	767	414	185	123	2 800
2 persons	25 164	1 920	1 275	1 536	1 476	1 729	1 707	4 880	6 039	3 344	1 258	8 800
3 and 4 persons	33 148	819	451	556	882	1 206	1 504	7 207	11 590	6 767	2 166	11 700
5 persons	9 209	148	77	126	194	228	355	1 942	3 286	2 127	726	12 300
6 persons or more	7 643	107	132	117	221	331	279	1 635	2 678	1 583	560	11 900
Units with roomers, boarders, or lodgers	1 516	385	116	93	119	110	121	251	211	74	36	5 400
BEDROOMS												
Less than 3	31 931	3 776	1 967	1 967	2 103	2 468	1 892	7 235	7 230	2 555	738	7 700
3	39 409	1 790	890	1 104	1 087	1 104	1 600	7 703	14 213	8 018	1 900	11 600
4 or more	12 354	481	227	340	175	332	433	1 108	3 797	3 278	2 183	14 100
YEAR STRUCTURE BUILT												
1969 to March 1970	2 120	64	25	60	98	104	132	455	699	344	139	10 900
1960 to 1968	24 061	870	393	424	673	767	1 024	4 817	8 587	4 972	1 534	11 800
1950 to 1959	27 204	1 350	618	799	820	1 231	1 295	5 551	8 568	5 241	1 731	11 100
1949 or earlier	30 329	4 167	1 964	1 928	1 931	1 933	1 767	5 608	6 153	3 449	1 429	7 800
YEAR MOVED INTO UNIT												
1969 to March 1970	8 572	368	200	240	426	504	517	2 004	2 666	1 243	404	10 100
1968	6 850	338	186	113	201	301	288	1 535	2 260	1 221	407	11 000
1960 to 1967	35 051	1 864	909	932	1 193	1 533	1 796	7 488	10 863	6 359	2 114	10 800
1959 or earlier	33 228	3 978	1 661	1 789	1 762	1 703	1 726	5 580	7 835	5 224	1 970	9 100
SELECTED CHARACTERISTICS												
Automatic clothes washing machine	63 774	2 399	1 556	1 937	1 951	2 554	2 519	12 337	21 678	12 401	4 442	11 500
Clothes dryer	51 925	1 584	863	1 132	1 097	1 627	1 833	9 507	18 805	11 298	4 179	12 200
Dishwasher	20 757	432	200	339	302	496	516	6 879	6 516	6 516	3 481	14 700
Home food freezer	33 311	1 450	935	1 025	1 023	1 155	1 306	5 820	10 848	6 885	2 864	11 800
Owned second home	2 579	98	—	—	104	129	100	408	655	540	408	13 200
With air conditioning	73 272	4 332	1 950	2 207	2 765	3 185	3 641	14 704	22 170	13 520	4 798	10 900
Room unit(s)	58 345	3 903	1 810	1 865	2 503	2 856	3 234	12 885	18 373	8 912	1 904	10 600
Central system	14 927	429	140	242	262	329	407	1 819	3 797	4 608	2 894	15 100
Automobiles available:												
1	32 575	2 823	1 631	1 911	2 308	2 695	2 613	8 412	7 192	2 512	478	7 800
2	37 255	574	273	390	691	892	1 352	7 051	14 204	8 778	3 050	12 600
3 or more	7 117	126	12	90	68	60	94	653	1 998	2 684	1 332	16 700
Renter occupied housing units												
	56 695	9 940	4 057	4 797	5 156	5 153	4 632	11 076	8 232	2 855	797	5 900
ROOMS												
1 room	1 439	517	169	199	154	103	50	114	100	27	6	3 200
2 rooms	3 431	1 085	290	406	340	309	227	424	216	113	21	3 800
3 rooms	13 861	3 360	1 218	1 397	1 525	1 312	1 042	2 253	1 348	334	72	4 600
4 rooms	20 065	3 014	1 529	1 686	1 823	2 028	1 841	4 161	2 825	964	194	6 000
5 rooms	11 104	1 327	612	751	883	950	969	2 395	2 182	738	297	7 100
6 rooms or more	6 795	637	239	358	431	451	503	1 729	1 561	679	207	8 400
PERSONS												
1 person	14 590	5 155	1 400	1 518	1 421	1 185	923	1 527	901	403	157	3 500
2 persons	17 281	2 460	1 432	1 343	1 710	1 594	1 215	3 443	2 722	1 024	338	6 100
3 and 4 persons	16 570	1 533	798	1 280	1 252	1 516	1 793	4 092	3 106	986	214	7 100
5 persons	3 713	361	149	287	297	389	291	738	738	233	55	7 300
6 persons or more	4 541	431	278	369	476	469	410	1 101	765	209	33	6 600
Units with roomers, boarders, or lodgers	1 827	580	187	242	199	159	156	205	65	29	5	3 600
BEDROOMS												
None	1 652	618	110	182	199	202	24	140	96	57	24	3 500
1	18 465	4 641	1 724	1 944	1 760	1 774	1 321	2 848	1 864	505	84	4 500
2	26 739	3 800	1 735	2 061	2 146	2 373	2 438	5 868	4 372	1 416	530	6 500
3 or more	9 859	1 128	408	644	892	973	776	2 429	1 691	714	204	7 100
YEAR STRUCTURE BUILT												
1969 to March 1970	3 175	336	158	219	242	260	257	566	651	380	106	7 600
1960 to 1968	16 982	2 200	880	981	1 387	1 449	1 480	3 749	3 189	1 255	412	7 100
1950 to 1959	11 631	1 771	870	951	961	1 060	1 005	2 651	1 736	491	135	6 200
1949 or earlier	24 907	5 633	2 149	2 646	2 566	2 384	1 890	4 110	2 656	729	144	4 800
YEAR MOVED INTO UNIT												
1969 to March 1970	25 838	3 843	1 680	2 313	2 469	2 335	2 280	5 144	4 052	1 367	355	6 100
1968	8 368	1 048	403	458	789	722	814	1 990	1 565	480	99	6 900
1960 to 1967	17 461	3 469	1 407	1 599	1 527	1 672	1 219	3 316	2 155	853	244	5 400
1959 or earlier	5 041	1 575	593	420	440	394	279	516	583	174	67	3 800
GROSS RENT AS PERCENTAGE OF INCOME												
Specified renter occupied:	55 381	9 687	3 929	4 617	5 053	5 071	4 541	10 883	8 042	2 775	783	5 900
Less than 15 percent	13 671	5	63	210	367	464	678	3 970	5 003	2 182	729	11 100
15 to 19 percent	10 540	45	318	414	820	1 344	1 510	3 702	2 004	355	28	7 700
20 to 24 percent	7 741	306	451	732	1 037	1 463	1 167	1 938	558	89	—	5 900
25 to 34 percent	7 676	714	664	1 431	1 901	1 317	863	845	110	31	—	4 600
35 percent or more	12 362	6 996	2 236	1 694	804	334	176	101	21	—	—	2000—
Not computed	3 191	1 621	197	136	124	149	147	327	346	118	26	2 000
SELECTED CHARACTERISTICS												
Automatic clothes washing machine	15 396	1 837	483	936	1 151	1 063	1 538	3 643	3 385	1 043	317	7 600
Clothes dryer	9 405	816	89	461	544	541	994	2 288	2 493	906	273	8 600
Dishwasher	7 326	420	213	371	149	512	442	1 595	1 835	1 318	471	9 900
Home food freezer	5 003	507	262	265	439	352	628	1 254	837	328	131	7 100
Owned second home	1 483	213	82	131	103	84	36	246	289	209	90	8 100
With air conditioning	34 783	3 837	1 684	2 246	2 743	3 130	3 135	7 889	6 826	2 571	722	7 200
Room unit(s)	25 943	3 039	1 349	1 866	2 146	2 504	2 551	6 138	4 812	1 291	247	6 800
Central system	8 840	798	335	380	597	626	584	1 751	2 014	1 280	475	8 900
Automobiles available:												
1	29 260	3 157	1 609	2 499	3 070	3 362	3 119	6 770	4 258	1 126	290	6 300
2	11 041	475	230	339	512	580	737	2 946	3 395	1 443	384	9 700
3 or more	1 290	160	37	47	83	58	45	261	290	235	74	9 500

Excludes one-family homes on 10 acres or more

Table B-4. Plumbing Facilities by Persons Per Room for Owner and Renter Occupied Housing Units: 1970

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

Nashville-Davidson	Total	With all plumbing facilities					Lacking some or all plumbing facilities				
		Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more
Owner occupied housing units	83 714	81 804	45 102	32 824	3 306	572	1 910	1 111	573	151	75
PERSONS											
1 person	8 550	8 045	8 010	35	-	-	505	486	19	-	-
2 persons	25 164	24 528	23 984	519	-	25	636	525	106	-	5
3 persons	17 155	16 888	9 548	7 301	14	25	267	81	181	5	-
4 persons	15 993	15 819	2 583	13 144	87	5	174	15	149	6	4
5 persons	9 209	9 109	977	7 659	433	40	100	4	88	8	-
6 persons or more	7 643	7 415	-	4 166	2 772	477	228	-	30	132	66
Median	3.0	3.0	2.1	4.2	6.4	7.5+	2.2	1.6	3.4	6.3	-
Units with roomers, boarders, or lodgers	1 516	1 466	710	644	90	22	50	20	30	-	-
YEAR STRUCTURE BUILT											
1969 to March 1970	2 128	2 101	1 005	1 044	46	6	27	-	21	6	-
1965 to 1968	9 471	9 405	4 013	4 910	452	30	66	15	44	7	-
1960 to 1964	14 168	14 038	6 252	7 208	522	56	130	67	34	18	11
1950 to 1959	27 070	26 664	14 148	11 255	1 055	206	406	229	89	66	22
1940 to 1949	12 160	11 805	7 297	3 877	533	98	355	180	152	23	-
1939 or earlier	18 704	17 782	12 462	4 545	645	130	922	645	235	22	20
INCOME IN 1969											
Less than \$2,000	6 451	5 879	5 072	712	68	27	572	488	74	10	-
\$2,000 to \$2,999	3 000	2 808	2 257	469	44	38	192	133	37	18	4
\$3,000 to \$3,999	3 211	3 027	2 469	487	62	9	184	114	41	9	20
\$4,000 to \$4,999	3 522	3 415	2 385	829	161	40	107	66	36	-	5
\$5,000 to \$5,999	4 035	3 885	2 422	1 252	179	32	150	62	62	21	5
\$6,000 to \$6,999	4 218	4 144	2 401	1 514	197	32	74	27	42	5	-
\$7,000 to \$9,999	16 431	16 115	7 357	7 704	966	148	316	110	147	42	17
\$10,000 to \$14,999	24 007	23 783	10 407	11 975	1 253	148	224	64	104	41	15
\$15,000 to \$24,999	14 006	13 942	7 039	6 397	412	94	64	20	30	5	9
\$25,000 or more	4 833	4 806	3 293	1 485	24	4	27	27	-	-	-
Median	\$10 200	\$10 300	\$9 300	\$11 400	\$10 100	\$9 200	\$4 100	\$2 500	\$6 900	\$7 900	-
VALUE-INCOME RATIO											
Specified owner occupied ¹	73 488	72 091	38 961	29 780	2 867	483	1 397	761	425	140	71
Less than 1.5	32 183	31 564	14 202	15 161	1 877	324	619	210	275	87	47
1.5 to 1.9	15 380	15 255	7 466	7 166	547	76	125	43	45	18	19
2.0 to 2.4	8 680	8 582	4 749	3 621	196	16	98	66	19	8	5
2.5 to 2.9	4 477	4 395	2 757	1 551	72	15	82	52	25	5	-
3.0 to 3.9	4 254	4 140	3 041	1 007	76	16	114	85	20	9	-
4.0 or more	7 751	7 433	6 120	1 178	99	36	318	268	37	13	-
Not computed	763	722	626	96	-	-	41	37	4	-	-
HEATING EQUIPMENT											
Steam or hot water	975	961	752	199	10	-	14	5	9	-	-
Warm-air furnace	24 247	24 063	15 579	7 873	550	61	184	146	29	9	-
Built-in electric units	43 783	43 371	21 119	20 138	1 846	268	412	218	127	57	10
Floor, wall, or pipeless furnace	5 248	5 129	2 854	1 893	329	53	119	88	27	-	4
Other means	9 427	8 246	4 789	2 706	561	190	1 181	654	381	85	61
None	34	34	9	15	10	-	-	-	-	-	-
Renter occupied housing units	56 695	53 392	24 705	23 363	3 945	1 379	3 303	1 262	1 391	316	334
PERSONS											
1 person	14 590	13 321	12 486	835	-	-	1 269	865	404	-	-
2 persons	17 281	16 450	10 758	5 573	-	119	831	362	447	-	22
3 persons	9 854	9 518	1 253	8 057	192	16	336	35	261	31	9
4 persons	6 716	6 374	186	5 683	424	81	342	-	214	76	52
5 persons	3 713	3 594	22	2 298	1 037	237	119	-	39	61	19
6 persons or more	4 541	4 135	-	917	2 292	926	406	-	26	148	232
Median	2.3	2.3	1.5	3.2	5.8	6.8	2.0	1.2	2.2	5.3	6.8
Units with roomers, boarders, or lodgers	1 827	1 670	578	948	84	60	157	22	99	31	5
YEAR STRUCTURE BUILT											
1969 to March 1970	3 060	3 020	1 442	1 425	132	21	40	22	8	-	10
1965 to 1968	9 016	8 960	4 434	4 008	384	134	56	13	26	5	12
1960 to 1964	8 028	7 925	3 379	3 842	493	211	103	30	51	-	22
1950 to 1959	11 601	11 108	4 429	5 085	1 183	411	493	183	206	53	51
1940 to 1949	8 556	8 087	3 653	3 457	738	239	469	211	144	66	48
1939 or earlier	16 447	14 351	7 366	5 511	1 073	401	2 096	797	902	179	218
INCOME IN 1969											
Less than \$2,000	9 940	8 764	5 599	2 554	425	186	1 176	683	390	47	56
\$2,000 to \$2,999	4 057	3 688	2 050	1 229	299	110	369	152	167	28	22
\$3,000 to \$3,999	4 797	4 334	2 057	1 757	374	146	463	157	224	40	42
\$4,000 to \$4,999	5 156	4 846	2 235	2 047	419	145	310	89	165	19	37
\$5,000 to \$5,999	5 153	4 892	2 154	2 111	461	166	261	62	109	43	47
\$6,000 to \$6,999	4 632	4 510	1 736	2 242	430	102	122	16	71	25	10
\$7,000 to \$9,999	11 076	10 719	3 914	5 692	809	304	357	67	190	56	44
\$10,000 to \$14,999	8 232	8 018	3 102	4 181	570	165	214	21	67	54	72
\$15,000 to \$24,999	2 855	2 829	1 353	1 281	146	49	26	10	8	4	4
\$25,000 or more	797	792	505	269	12	6	5	5	-	-	-
Median	\$5 900	\$6 000	\$5 200	\$6 900	\$6 000	\$5 600	\$3 200	\$2 000	\$3 600	\$5 600	\$5 200
GROSS RENT AS PERCENTAGE OF INCOME											
Specified renter occupied ²	55 381	52 335	24 263	22 919	3 815	1 338	3 046	1 184	1 288	271	303
Less than 10 percent	4 048	3 667	1 468	1 723	353	123	381	54	202	54	71
10 to 14 percent	9 623	9 276	3 536	4 797	717	226	347	90	175	21	61
15 to 19 percent	10 540	10 148	3 787	5 085	984	292	392	85	220	46	41
20 to 24 percent	7 741	7 445	3 201	3 466	596	182	296	109	100	35	52
25 to 34 percent	7 876	7 543	3 717	3 123	477	226	333	148	131	40	14
35 percent or more	12 362	11 439	6 798	3 823	573	245	923	515	326	43	39
Not computed	3 191	2 817	1 756	902	115	44	374	183	134	32	25
HEATING EQUIPMENT											
Steam or hot water	3 466	3 296	2 156	1 031	77	32	170	49	85	15	21
Warm-air furnace	13 871	13 496	7 396	5 364	611	125	375	148	202	25	-
Built-in electric units	22 661	22 289	9 704	10 607	1 414	564	372	116	186	35	35
Floor, wall, or pipeless furnace	3 488	3 340	1 300	1 599	325	116	148	55	66	17	10
Other means	13 130	10 925	4 118	4 751	1 518	538	2 205	884	837	216	268
None	79	46	31	11	-	4	33	10	15	8	-

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 B-5. Rooms in Owner and Renter Occupied Housing Units: 1970

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

Nashville-Davidson		Total	1 room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Median
Owner occupied housing units		83 714	123	228	1 603	9 721	24 590	23 289	13 405	10 755	5.7
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use and direct access		81 383	51	164	1 278	8 926	24 032	23 258	13 224	10 450	5.8
PERSONS											
1 person		8 550	54	105	722	1 811	2 801	1 834	734	489	5.1
2 persons		25 164	30	93	532	3 958	8 035	7 002	3 519	1 995	5.5
3 persons		17 155	25	19	179	1 845	5 458	4 842	2 952	1 835	5.7
4 persons		15 993	9	-	93	1 187	4 267	4 724	3 115	2 598	6.0
5 persons		9 209	-	6	34	441	2 315	2 700	1 765	1 948	6.2
6 persons or more		7 643	5	5	43	479	1 714	2 187	1 320	1 890	6.2
Median		3.0	1.8	1.6	1.6	2.3	2.8	3.1	3.3	3.9	...
PLUMBING FACILITIES BY PERSONS PER ROOM											
With all plumbing facilities		81 804	95	183	1 401	9 051	24 101	22 997	13 289	10 687	5.8
0.50 or less		45 102	-	89	612	5 353	10 588	13 490	7 134	7 836	5.9
0.51 to 1.00		32 824	35	69	625	2 874	11 867	8 658	5 918	2 778	5.6
1.01 to 1.50		3 396	-	14	87	687	1 448	787	214	69	5.1
1.51 or more		572	60	11	77	137	262	62	23	4	4.5
Lacking some or all plumbing facilities		1 910	28	45	202	670	489	292	116	68	4.5
0.50 or less		1 111	-	16	110	416	248	188	71	62	4.6
0.51 to 1.00		573	19	24	86	158	173	66	41	6	4.5
1.01 to 1.50		151	-	5	6	50	59	27	4	-	4.7
1.51 or more		75	9	-	-	46	9	11	-	-	...
BEDROOMS											
None and 1		3 013	182	288	1 213	630	502	141	39	18	3.4
2		28 918	-	-	652	8 597	12 488	5 896	939	346	4.9
3		39 409	-	-	-	682	11 271	14 706	9 360	3 390	6.0
4 or more		12 354	-	-	-	-	1 288	1 388	3 072	7 766	7.5+
YEAR STRUCTURE BUILT											
1969 to March 1970		2 120	10	11	42	314	583	524	337	299	5.7
1960 to 1968		24 061	31	72	416	1 977	7 330	7 164	3 862	3 209	5.8
1950 to 1959		27 204	47	76	286	3 108	8 143	7 995	4 675	2 874	5.7
1949 or earlier		30 329	35	69	859	4 322	8 534	7 606	4 531	4 373	5.7
COMPLETE BATHROOMS											
1 and 1.1/2		60 671	50	145	1 204	8 561	22 336	18 691	7 164	2 520	5.4
2 or more		20 835	15	27	97	373	1 731	4 582	6 072	7 938	7.1
None or also used by another household		2 195	38	42	216	760	557	371	130	81	4.6
VALUE-INCOME RATIO											
Specified owner occupied		73 488	65	90	680	7 075	21 840	21 466	12 445	9 827	5.8
Less than 1.5		32 183	15	25	260	3 792	10 379	9 128	5 152	3 432	5.7
1.5 to 1.9		15 380	18	4	61	970	4 643	4 937	2 645	2 102	5.9
2.0 to 2.9		13 157	6	31	121	831	3 222	4 089	2 577	2 280	6.1
3.0 or more		12 005	21	30	205	1 345	3 369	3 130	1 973	1 932	5.8
Not computed		763	5	-	33	137	227	182	98	81	5.4
Renter occupied housing units		56 695	1 439	3 431	13 861	20 065	11 104	4 352	1 549	894	4.0
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use and direct access		52 438	760	2 774	12 853	18 833	10 481	4 326	1 471	940	4.0
PERSONS											
1 person		14 590	1 239	2 178	6 178	3 490	1 120	255	78	52	3.1
2 persons		17 281	141	856	5 164	6 984	3 013	790	200	133	3.9
3 persons		9 854	25	223	1 496	4 659	2 163	901	249	138	4.2
4 persons		6 716	18	115	500	2 848	1 881	847	321	186	4.5
5 persons		3 713	-	24	232	1 098	1 380	556	304	119	4.9
6 persons or more		4 541	16	35	291	986	1 547	1 003	397	266	5.1
Median		2.3	1.1	1.3	1.6	2.4	3.2	3.8	4.3	4.2	...
PLUMBING FACILITIES BY PERSONS PER ROOM											
With all plumbing facilities		53 392	992	2 856	12 991	19 194	10 755	4 216	1 515	873	4.0
0.50 or less		24 705	-	1 838	5 870	10 102	3 989	1 877	513	516	4.0
0.51 to 1.00		23 363	835	716	6 269	7 238	5 293	1 769	913	330	4.0
1.01 to 1.50		3 945	-	192	424	1 469	1 262	505	66	27	4.4
1.51 or more		1 379	157	110	428	385	211	65	23	-	3.5
Lacking some or all plumbing facilities		3 303	447	575	870	871	349	136	34	21	3.2
0.50 or less		1 262	-	340	308	372	144	69	14	15	3.4
0.51 to 1.00		1 391	404	140	391	269	131	41	9	6	2.9
1.01 to 1.50		316	-	31	76	130	54	14	11	-	3.9
1.51 or more		334	43	64	95	100	20	12	-	-	3.1
BEDROOMS											
None		1 652	1 394	153	105	-	-	-	-	-	1.1
1		18 465	-	2 957	11 991	2 959	448	64	24	22	3.0
2		26 739	-	-	1 746	16 922	6 976	862	197	36	4.2
3 or more		9 859	-	-	-	658	4 316	2 941	1 388	556	5.5
YEAR STRUCTURE BUILT											
1969 to March 1970		3 175	23	91	616	1 473	743	172	25	32	4.1
1960 to 1968		16 982	446	1 165	4 452	6 962	2 807	799	220	131	3.8
1950 to 1959		11 631	160	473	2 284	4 180	2 859	1 107	420	148	4.2
1949 or earlier		24 907	810	1 702	6 509	7 450	4 695	2 274	884	583	4.0
COMPLETE BATHROOMS											
1 and 1.1/2		49 733	967	2 834	12 878	18 232	9 663	3 667	1 059	433	3.9
2 or more		3 348	14	40	156	661	874	667	429	507	5.4
None or also used by another household		3 627	468	653	967	971	358	129	37	44	3.2
GROSS RENT AS PERCENTAGE OF INCOME											
Specified renter occupied		55 381	1 428	3 396	13 663	19 692	10 769	4 171	1 437	825	4.0
Less than 10 percent		4 048	132	232	927	1 347	919	312	120	59	4.0
10 to 14 percent		9 623	148	428	2 000	3 738	1 997	884	324	106	4.1
15 to 19 percent		10 540	229	456	2 438	3 851	2 272	833	301	120	4.0
20 to 24 percent		7 741	192	460	1 803	2 795	1 476	731	175	109	4.0
25 to 34 percent		7 876	125	533	2 010	3 022	1 489	480	140	77	3.9
35 percent or more		12 362	472	1 031	3 887	4 086	1 903	619	201	163	3.7
Not computed		3 191	132	216	598	853	713	312	176	191	4.3

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

Table B-6. Units in Structure for Owner and Renter Occupied Housing Units: 1970

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

	Owner occupied				Renter occupied							
	Total	1 unit	2 units or more	Mobile home or trailer	Total	1 unit	2 units	3 and 4 units	5 to 9 units	10 to 19 units	20 units or more	Mobile home or trailer
Nashville-Davidson												
All occupied housing units	83 714	76 537	4 984	2 193	56 695	20 050	11 134	5 373	3 989	6 040	9 576	533
ROOMS												
1 room	123	68	30	25	1 439	159	48	103	200	217	707	5
2 rooms	228	96	77	55	3 431	462	474	428	383	574	1 055	55
3 rooms	1 603	726	524	353	13 861	2 224	3 527	1 786	1 068	1 898	3 241	117
4 rooms	9 721	7 433	1 147	1 141	20 065	6 173	4 846	2 303	1 427	2 265	2 784	267
5 rooms	24 590	22 723	1 318	549	11 104	5 844	1 521	586	740	865	1 473	75
6 rooms	23 289	22 207	1 024	58	4 352	3 155	496	151	123	169	252	6
7 rooms	13 405	12 909	484	12	1 549	1 264	140	6	48	40	43	8
8 rooms or more	10 755	10 375	380	-	894	769	82	10	-	12	21	-
Median	5.7	5.8	5.0	4.1	4.0	4.7	3.8	3.7	3.7	3.6	3.4	3.8
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	81 804	74 924	4 739	2 141	53 392	18 281	10 688	5 018	3 663	5 845	9 382	515
0.50 or less	45 102	40 726	3 412	964	24 705	6 937	5 062	2 401	1 804	3 070	5 258	173
0.51 to 1.00	32 824	30 684	1 163	977	23 363	8 874	4 757	2 004	1 411	2 355	3 680	282
1.01 to 1.50	3 306	3 005	121	180	3 945	1 892	620	461	356	274	274	55
1.51 or more	572	509	43	20	1 379	578	249	152	92	133	170	5
Lacking some or all plumbing facilities	1 910	1 613	245	52	3 303	1 769	446	355	326	195	194	18
0.50 or less	1 111	910	185	16	1 262	667	210	183	118	47	34	3
0.51 to 1.00	573	488	55	30	1 391	645	186	118	174	121	136	11
1.01 to 1.50	151	140	5	6	316	230	21	30	5	21	9	-
1.51 or more	75	75	-	-	334	227	29	24	29	6	15	4
BEDROOMS												
None	200	124	36	40	1 652	82	153	183	202	198	807	27
1	2 813	1 892	685	236	18 465	2 967	3 994	2 629	1 394	2 557	4 865	59
2	28 918	24 809	2 475	1 634	26 739	9 860	5 664	2 695	1 685	2 638	3 337	260
3	39 409	37 825	1 244	340	8 513	5 894	918	286	491	452	406	66
4 or more	12 354	12 057	277	20	1 346	1 023	55	80	59	109	20	-
YEAR STRUCTURE BUILT												
1969 to March 1970	2 120	1 593	71	456	3 175	302	295	179	361	867	1 133	38
1965 to 1968	9 781	8 518	298	965	9 183	1 135	1 189	613	630	2 082	3 423	111
1960 to 1964	14 280	13 359	515	406	7 799	1 887	1 389	576	368	549	2 447	148
1950 to 1959	27 204	26 027	930	247	11 631	5 521	2 508	999	823	758	869	153
1940 to 1949	11 844	10 907	897	40	8 618	4 407	2 140	851	439	323	617	41
1939 or earlier	18 485	16 133	2 273	79	16 289	6 798	3 613	2 155	1 368	1 026	1 287	42
INCOME IN 1969												
Less than \$2,000	6 451	5 335	898	218	9 940	3 430	1 681	1 204	970	1 014	1 565	76
\$2,000 to \$2,999	3 000	2 456	441	103	4 057	1 319	840	458	374	384	630	52
\$3,000 to \$3,999	3 211	2 814	305	92	4 797	1 493	1 021	576	447	532	634	94
\$4,000 to \$4,999	3 522	3 042	337	143	5 156	1 547	1 143	620	496	549	745	56
\$5,000 to \$5,999	4 035	3 462	371	202	5 153	1 700	1 072	657	391	548	725	60
\$6,000 to \$6,999	4 218	3 691	299	228	4 632	1 686	896	520	253	479	757	41
\$7,000 to \$9,999	16 431	15 013	881	537	11 076	4 443	2 409	775	540	1 060	1 767	82
\$10,000 to \$14,999	24 007	22 650	809	548	8 232	3 359	1 619	416	362	899	1 522	55
\$15,000 to \$24,999	14 006	13 389	506	111	2 855	912	364	126	134	482	826	11
\$25,000 or more	4 833	4 685	137	11	797	161	89	21	22	93	405	6
Median	\$10 200	\$10 500	\$6 500	\$7 600	\$5 900	\$6 300	\$5 800	\$4 700	\$4 400	\$6 000	\$6 600	\$4 800
YEAR MOVED INTO UNIT												
1969 to March 1970	8 572	7 422	395	755	25 838	7 721	5 035	2 206	1 756	3 605	5 145	370
1968	6 850	6 237	211	402	8 368	3 018	1 707	884	546	815	1 338	60
1967	5 773	5 227	325	221	4 905	2 029	1 001	386	282	333	817	57
1965 and 1966	10 717	9 871	479	367	6 880	2 702	1 482	563	610	511	977	35
1960 to 1964	18 561	17 378	924	259	5 676	2 370	1 050	674	495	455	619	13
1950 to 1959	20 582	19 265	1 234	83	3 450	1 479	711	364	284	228	371	13
1949 or earlier	12 646	11 134	1 465	47	1 591	829	251	95	100	96	212	8
GROSS RENT												
Specified renter occupied¹					55 381	18 736	11 134	5 373	3 989	6 040	9 576	533
Less than \$50 .....	...	...	...	...	4 884	1 847	663	517	753	443	637	24
\$50 to \$59 .....	...	...	...	...	2 127	770	437	224	328	210	117	41
\$60 to \$69 .....	...	...	...	...	3 484	1 086	880	612	359	330	211	6
\$70 to \$79 .....	...	...	...	...	4 169	1 209	1 055	737	446	357	348	17
\$80 to \$99 .....	...	...	...	...	10 363	3 525	2 778	1 570	802	724	911	53
\$100 to \$119 .....	...	...	...	...	10 260	3 563	2 562	1 101	595	873	1 454	112
\$120 to \$149 .....	...	...	...	...	9 637	2 885	1 640	417	380	1 427	2 736	152
\$150 to \$199 .....	...	...	...	...	6 189	1 824	664	119	201	1 190	2 131	60
\$200 to \$299 .....	...	...	...	...	1 749	502	103	22	86	415	621	-
\$300 or more .....	...	...	...	...	381	67	28	4	6	33	243	-
No cash rent .....	...	...	...	...	2 138	1 458	324	50	33	38	167	68
Median .....	...	...	...	...	\$103	\$101	\$97	\$87	\$82	\$121	\$131	\$116
HEATING EQUIPMENT												
Steam or hot water	975	804	171	-	3 466	527	185	309	599	644	1 202	-
Warm-air furnace	24 247	21 202	2 057	988	13 871	3 032	2 066	1 409	878	2 271	4 005	210
Built-in electric units	43 783	41 699	1 680	404	22 661	7 513	5 530	2 036	1 274	2 438	3 768	102
Floor, wall, or pipeless furnace	5 248	4 822	334	92	3 488	1 739	916	371	223	153	77	9
Other means	9 427	7 976	742	709	13 130	7 176	2 430	1 244	1 015	534	519	212
None	34	34	-	-	79	63	7	4	-	-	5	-
AIR CONDITIONING												
Room unit(s)	58 345	53 524	3 522	1 299	25 943	9 219	6 365	2 485	1 475	2 222	3 863	314
Central system	14 927	14 012	568	347	8 840	992	481	196	369	2 282	4 450	70
None	10 429	8 998	943	488	21 925	9 937	4 391	2 491	2 229	1 539	1 166	172
AUTOMOBILES AVAILABLE												
1	32 575	28 897	2 483	1 195	29 260	9 700	6 292	2 705	1 807	3 173	5 205	378
2	37 255	35 316	1 260	679	11 041	4 854	2 123	510	488	1 146	1 847	73
3 or more	7 117	6 789	283	45	1 290	598	190	101	42	145	199	15
None	6 754	5 532	1 007	215	15 117	4 996	2 632	1 856	1 736	1 579	2 228	90

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

Table B-7. Household Composition for Owner and Renter Occupied Housing Units: 1970

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

Nashville-Davidson	Two-or-more-person households										One-person households	
	Total	Male head, wife present, no nonrelatives					Other male head		Female head		Under 65 years and over	65 years and over
		Under 25 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Under 65 years	65 years and over	Under 65 years	65 years and over		
Owner occupied housing units	83 714	1 698	12 156	16 095	27 477	7 889	1 664	486	5 461	2 238	4 336	4 214
PLUMBING FACILITIES BY PERSONS PER ROOM	81 804	1 653	12 068	15 945	27 066	7 588	1 603	437	5 288	2 111	4 162	3 883
With all plumbing facilities	45 102	722	3 325	4 138	16 523	6 355	895	341	3 238	1 555	4 143	3 667
0.50 or less	32 824	868	7 929	10 234	9 662	1 125	574	82	1 804	491	19	16
0.51 to 1.00	3 306	23	733	1 366	755	72	108	6	195	48	-	-
1.01 to 1.50	572	20	81	207	126	36	26	8	51	17	-	-
1.51 or more	1 910	45	88	150	411	301	61	49	173	127	174	331
Lacking some or all plumbing facilities	1 111	11	15	20	159	232	33	29	65	61	164	322
0.50 or less	573	34	59	59	174	59	18	19	74	61	10	9
0.51 to 1.00	151	-	14	43	51	6	5	4	23	5	-	-
1.01 to 1.50	75	-	-	28	27	4	-	-	11	-	-	-
1.51 or more	-	-	-	-	-	-	-	-	-	-	-	-
UNITS IN STRUCTURE	76 537	1 271	11 362	15 522	25 940	7 101	1 493	429	4 904	1 880	3 532	3 103
1	4 984	71	203	316	1 145	723	126	57	437	337	578	991
2 or more	2 193	356	591	257	392	65	45	-	120	21	226	126
Mobile home or trailer	-	-	-	-	-	-	-	-	-	-	-	-
INCOME IN 1969	6 451	53	98	130	452	849	99	52	615	646	1 106	2 351
Less than \$2,000	3 000	59	61	71	324	823	56	50	294	197	361	704
\$2,000 to \$2,999	3 211	39	84	132	462	858	72	29	452	207	525	351
\$3,000 to \$3,999	3 522	121	207	240	760	753	58	34	441	159	558	191
\$4,000 to \$4,999	4 035	130	312	440	1 086	430	129	36	462	181	430	111
\$5,000 to \$5,999	4 218	148	564	501	1 224	540	163	35	535	135	248	125
\$6,000 to \$6,999	16 431	621	3 626	3 116	5 098	1 243	315	70	1 275	300	593	174
\$7,000 to \$9,999	24 007	461	5 215	6 284	8 854	1 150	424	77	923	205	318	96
\$10,000 to \$14,999	14 006	60	1 584	3 949	6 682	647	257	71	392	179	135	50
\$15,000 or more	4 833	6	405	1 232	2 535	308	91	32	72	29	62	61
Median	\$10 200	\$8 400	\$11 100	\$12 700	\$12 400	\$5 900	\$9 400	\$7 300	\$6 900	\$4 400	\$4 300	\$2000-
VALUE-INCOME RATIO	73 488	1 228	11 125	15 058	24 879	6 640	1 395	390	4 724	1 746	3 366	2 937
Specified owner occupied	32 183	469	4 626	7 524	14 108	1 883	670	179	1 517	503	500	184
Less than 1.5	15 380	324	3 181	3 886	5 126	1 095	229	18	758	214	473	76
1.5 to 1.9	8 680	184	1 822	1 865	2 462	776	182	40	681	162	364	142
2.0 to 2.4	4 477	85	732	805	1 117	594	106	34	378	151	335	140
2.5 to 2.9	4 254	48	407	529	1 031	783	69	40	442	157	389	140
3.0 to 3.9	7 751	71	351	438	957	1 456	119	71	837	538	1 030	1 883
4.0 or more	763	27	6	11	78	53	20	8	111	21	275	151
Not computed	-	-	-	-	-	-	-	-	-	-	-	-
Renter occupied housing units	56 695	6 671	9 606	4 916	6 382	2 275	2 341	331	8 448	1 135	10 155	4 435
PLUMBING FACILITIES BY PERSONS PER ROOM	53 392	6 537	9 333	4 680	5 826	2 121	2 191	278	8 142	963	9 322	3 999
With all plumbing facilities	24 705	1 804	2 109	720	2 191	1 197	853	159	2 619	567	8 792	3 694
0.50 or less	23 363	4 325	5 904	2 698	2 944	864	1 127	104	4 209	353	530	305
0.51 to 1.00	3 945	337	1 061	865	500	307	101	10	1 000	34	-	-
1.01 to 1.50	1 379	71	259	397	191	23	110	5	314	9	-	-
1.51 or more	3 303	134	273	236	556	154	150	53	306	172	833	438
Lacking some or all plumbing facilities	1 262	13	32	-	116	65	25	5	58	83	515	350
0.50 or less	1 391	102	108	77	297	73	48	139	70	70	318	86
0.51 to 1.00	316	10	55	70	78	-	33	-	59	11	-	-
1.01 to 1.50	334	9	78	89	65	16	19	-	50	8	-	-
1.51 or more	-	-	-	-	-	-	-	-	-	-	-	-
UNITS IN STRUCTURE	20 050	1 676	3 989	2 792	3 394	983	649	187	3 112	504	1 678	1 086
1	16 507	2 767	2 902	998	1 436	621	759	76	2 319	244	3 111	1 274
2 to 4	10 029	1 022	1 454	518	792	317	485	45	1 890	191	2 531	784
5 to 19	9 576	1 093	1 160	546	707	348	405	23	1 086	183	2 774	1 251
20 or more	533	113	101	62	53	6	43	-	41	13	61	48
Mobile home or trailer	-	-	-	-	-	-	-	-	-	-	-	-
GROSS RENT	55 381	6 602	9 372	4 733	6 129	2 194	2 273	322	8 278	1 084	10 052	4 342
Specified renter occupied ²	4 884	104	94	115	361	364	71	67	1 200	221	1 064	1 283
Less than \$50	2 127	97	151	137	202	151	102	30	409	81	530	217
\$50 to \$59	3 484	287	344	172	354	185	148	28	597	81	918	370
\$60 to \$69	4 169	479	420	274	604	197	499	33	623	102	856	382
\$70 to \$79	10 363	1 404	1 590	943	1 254	345	431	79	1 602	151	1 965	599
\$80 to \$99	11 763	1 763	2 226	866	1 018	286	420	30	1 428	108	1 717	399
\$100 to \$119	9 637	1 681	2 173	896	855	172	411	25	1 167	127	1 763	367
\$120 to \$149	6 189	606	1 733	745	630	143	357	5	812	80	853	225
\$150 to \$199	1 749	49	382	310	330	127	83	-	224	25	150	69
\$200 to \$299	381	-	38	72	122	31	25	-	37	10	19	27
\$300 or more	2 138	132	221	203	399	194	26	25	179	98	277	384
No cash rent	-	-	-	-	-	-	-	-	-	-	-	-
GROSS RENT AS PERCENTAGE OF INCOME BY INCOME	55 381	6 602	9 372	4 733	6 129	2 194	2 273	322	8 278	1 084	10 052	4 342
Specified renter occupied ²	23 286	1 921	1 181	731	1 615	1 237	1 082	246	5 209	729	5 585	3 750
Less than \$5,000	2 242	162	95	116	228	130	137	37	609	69	525	162
Less than 20 percent	2 526	196	170	101	273	217	101	37	561	55	619	196
20 to 24 percent	4 710	505	371	213	410	191	116	31	1 117	141	1 087	528
25 to 34 percent	11 730	958	498	262	619	561	649	121	2 539	376	2 840	2 307
35 percent or more	2 078	100	47	39	85	138	100	20	390	88	514	557
Not computed	20 495	3 645	4 527	2 301	2 307	549	801	55	2 473	229	3 188	420
\$5,000 to \$9,999	11 668	2 085	2 661	1 359	1 569	310	441	24	1 285	130	1 675	1 189
Less than 20 percent	4 568	946	1 109	458	344	115	163	22	433	31	838	109
20 to 24 percent	3 025	509	297	260	30	148	30	4	509	29	562	77
25 to 34 percent	611	48	108	96	16	25	39	-	183	6	51	39
35 percent or more	823	57	109	91	18	49	10	-	63	33	62	6
Not computed	8 042	907	2 889	1 119	1 242	142	249	16	442	90	797	99
\$10,000 to \$14,999	7 007	864	2 538	928	1 054	192	224	16	379	68	729	61
Less than 20 percent	558	32	237	97	50	24	15	-	41	-	51	11
20 to 24 percent	131	-	34	19	14	12	10	-	11	8	5	18
25 percent or more	346	11	80	75	124	10	10	-	11	14	12	9
Not computed	3 558	129	775	582	965	216	141	5	154	36	482	73
\$15,000 or more	3 294	129	740	533	838	200	135	5	139	36	477	62
Less than 20 percent	89	-	20	27	26	11	-	-	-	-	-	-
20 to 24 percent	31	-	9	6	10	-	-	-	-	-	-	-
25 percent or more	144	-	6	16	91	5	6	-	10	-	5	

Table B-8. Persons in Owner and Renter Occupied Housing Units: 1970

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

Nashville-Davidson

	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons or more	Median
Owner occupied housing units	83 714	8 550	25 164	17 155	15 993	9 209	4 379	2 167	1 097	3.0
BEDROOMS										
None and 1	3 013	1 274	1 246	204	102	56	41	-	90	1.7
2	28 918	4 499	13 426	6 204	3 028	1 108	362	189	102	2.2
3	39 409	2 003	8 498	9 121	10 589	5 586	2 260	922	430	3.5
4 or more	12 354	590	1 713	1 602	2 437	2 216	1 930	1 181	685	4.4
YEAR STRUCTURE BUILT										
1969 to March 1970	2 120	89	540	564	455	327	93	34	18	3.3
1965 to 1968	9 781	454	2 092	2 237	2 657	1 389	575	270	107	3.5
1960 to 1964	14 280	898	2 993	3 118	3 674	2 190	842	391	174	3.5
1950 to 1959	27 204	1 993	8 066	5 973	5 713	3 015	1 509	668	327	3.1
1940 to 1949	11 844	1 537	4 232	2 281	1 686	1 015	551	340	202	2.6
1939 or earlier	18 485	3 579	7 241	2 982	1 808	1 273	809	524	269	2.3
UNITS IN STRUCTURE										
1	76 537	6 635	22 595	15 902	15 255	8 840	4 171	2 084	1 055	3.1
2 or more	4 984	1 569	1 781	778	416	205	135	58	42	2.0
Mobile home or trailer	2 193	346	788	475	322	164	73	25	-	2.5
COMPLETE BATHROOMS										
1 and 1 1/2	60 671	6 606	19 034	12 777	10 994	5 944	3 047	1 481	788	2.9
2 and 2 1/2	17 223	1 093	4 628	3 446	4 139	2 506	885	390	136	3.3
3 or more	3 612	278	813	632	651	728	292	175	43	3.6
None or also used by another household	2 195	601	759	288	195	113	83	117	39	2.2
HOUSEHOLD COMPOSITION										
Two-or-more-person households	75 164		25 164	17 155	15 993	9 209	4 379	2 167	1 097	3.2
Male head, wife present, no nonrelatives	65 315	...	20 374	14 838	14 656	8 554	3 954	1 971	968	3.3
Under 25 years	1 698	...	573	668	324	82	26	16	9	2.9
25 to 34 years	12 156	...	4 498	3 027	4 251	2 129	782	314	155	3.9
35 to 44 years	16 095	...	1 270	2 812	5 061	3 728	1 733	1 019	472	4.3
45 to 64 years	27 477	...	10 991	7 163	4 677	2 459	1 331	562	294	2.9
65 years and over	7 889	...	6 042	1 168	343	156	82	60	38	2.2
Other male head	2 150	...	1 057	457	268	152	139	54	23	2.5
Under 65 years	1 664	...	761	347	231	143	123	44	15	2.7
65 years and over	486	...	296	110	37	9	16	10	8	2.3
Female head	7 699	...	3 733	1 860	1 069	503	286	142	106	2.6
Under 65 years	5 461	...	2 370	1 401	859	396	233	115	87	2.8
65 years and over	2 238	...	1 363	459	210	107	53	27	19	2.3
One-person households	8 550	8 550								1.0
VALUE-INCOME RATIO										
Specified owner occupied¹	73 488	6 303	21 473	15 279	14 878	8 582	3 999	1 978	996	3.1
Less than 1.5	32 183	684	8 783	7 699	6 899	4 177	2 160	1 205	576	3.4
1.5 to 1.9	15 380	549	4 094	3 526	3 640	2 136	871	351	213	3.4
2.0 to 2.4	8 680	506	2 635	1 715	2 047	1 075	461	178	63	3.2
2.5 to 2.9	4 477	475	1 455	800	919	517	175	86	50	2.9
3.0 to 3.9	4 254	748	1 652	567	700	343	135	64	45	2.3
4.0 or more	7 751	2 913	2 677	882	630	313	193	94	49	1.9
Not computed	763	428	177	90	43	21	4	-	-	1.4
Renter occupied housing units	56 695	14 590	17 281	9 854	6 716	3 713	2 074	1 657	810	2.3
BEDROOMS										
None	1 652	1 394	197	19	24	-	-	18	-	1.1
1	18 465	9 129	6 681	1 770	431	293	99	18	44	1.5
2	26 739	3 927	9 545	6 543	4 010	1 707	434	360	213	2.5
3 or more	9 859	369	1 106	1 569	2 094	1 973	1 150	1 025	573	4.4
YEAR STRUCTURE BUILT										
1969 to March 1970	3 175	582	1 250	633	397	139	64	93	17	2.3
1965 to 1968	9 183	2 511	3 326	1 698	956	396	137	104	55	2.1
1960 to 1964	7 799	1 936	2 523	1 408	1 014	486	238	114	80	2.3
1950 to 1959	11 631	2 271	3 092	2 218	1 584	1 025	652	539	250	2.7
1940 to 1949	8 618	1 979	2 516	1 639	1 101	683	326	285	89	2.4
1939 or earlier	16 289	5 311	4 574	2 258	1 664	984	657	522	319	2.1
UNITS IN STRUCTURE										
1	20 050	2 764	4 699	3 928	3 403	2 229	1 372	1 059	596	3.2
2	11 134	2 766	3 790	2 380	1 244	552	208	132	62	2.2
3 and 4	5 373	1 619	1 809	839	508	256	149	148	45	2.1
5 to 9	3 989	1 254	1 291	519	409	224	124	143	25	2.1
10 to 19	6 040	2 061	2 101	902	535	227	83	92	39	2.0
20 or more	9 574	4 025	3 423	1 188	531	182	120	64	43	1.7
Mobile home or trailer	533	101	168	98	86	43	18	19	-	2.5
COMPLETE BATHROOMS										
1 and 1 1/2	49 733	12 745	15 283	8 842	5 756	3 160	1 850	1 428	669	2.3
2 or more	3 348	410	1 032	667	576	329	188	107	39	2.8
None or also used by another household	3 627	1 427	885	374	375	134	156	173	103	1.9
HOUSEHOLD COMPOSITION										
Two-or-more-person households	42 105		17 281	9 854	6 716	3 713	2 074	1 657	810	2.9
Male head, wife present, no nonrelatives	29 850	...	11 390	7 258	5 137	2 804	1 545	1 132	584	3.0
Under 25 years	6 671	...	3 337	2 225	832	169	65	32	11	2.5
25 to 34 years	9 606	...	2 700	2 502	2 214	1 270	528	293	99	3.3
35 to 44 years	4 916	...	795	787	1 117	849	566	510	292	4.3
45 to 64 years	6 382	...	2 885	1 377	860	447	351	289	173	2.7
65 years and over	2 275	...	1 673	367	114	69	35	8	9	2.2
Other male head	2 672	...	1 586	572	212	126	70	70	36	2.3
Under 65 years	2 341	...	1 348	512	197	118	70	60	36	2.4
65 years and over	331	...	238	60	15	8	10	-	-	2.2
Female head	9 583	...	4 305	2 024	1 367	783	459	455	190	2.7
Under 65 years	8 448	...	3 511	1 827	1 281	768	435	440	186	2.9
65 years and over	1 135	...	794	197	86	15	24	15	4	2.2
One-person households	14 590	14 590								1.0
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied²	55 381	14 394	16 934	9 626	6 564	3 586	1 965	1 573	739	2.3
Less than 10 percent	4 048	730	1 320	779	498	268	227	136	90	2.5
10 to 14 percent	9 623	1 345	3 233	2 068	1 436	705	428	311	97	2.6
15 to 19 percent	10 540	1 805	3 230	2 051	1 515	924	491	366	158	2.6
20 to 24 percent	7 741	1 824	2 341	1 369	1 004	565	210	269	159	2.4
25 to 34 percent	7 876	2 283	2 371	1 267	910	483	237	183	142	2.2
35 percent or more	12 362	5 237	3 556	1 580	938	468	272	256	55	1.8
Not computed	3 191	1 170	883	512	263	173	100	52	38	2.0

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 B-9. Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1970

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

Nashville-Davidson					Nashville-Davidson				
	Total	Less than 2 months	2 up to 6 months	6 months or more		Total	Less than 2 months	2 up to 6 months	6 months or more
Vacant for sale	817	424	265	128	Vacant for rent	4 428	3 153	799	476
ROOMS					ROOMS				
1 to 3 rooms	37	21	11	5	1 room	143	106	34	3
4 rooms	109	70	23	16	2 rooms	269	201	45	23
5 rooms	215	98	77	40	3 rooms	1 255	901	234	120
6 rooms	293	160	99	34	4 rooms	1 780	1 322	287	171
7 rooms or more	163	75	55	33	5 rooms	726	481	151	94
					6 rooms	181	112	34	35
					7 rooms or more	74	30	14	30
PLUMBING FACILITIES					PLUMBING FACILITIES				
With all plumbing facilities	764	391	256	117	With all plumbing facilities	4 081	2 992	659	430
Lacking some or all plumbing facilities	53	33	9	11	Lacking some or all plumbing facilities	347	161	140	46
BEDROOMS					BEDROOMS				
None and 1	111	85	-	26	None	135	89	46	-
2	239	160	48	31	1	1 632	1 219	268	145
3	309	142	130	37	2	2 212	1 553	395	264
4 or more	145	65	46	34	3 or more	443	271	125	47
YEAR STRUCTURE BUILT					YEAR STRUCTURE BUILT				
1969 to March 1970	164	79	77	8	1969 to March 1970	994	655	145	194
1960 to 1968	238	150	62	26	1960 to 1968	1 273	1 071	178	24
1950 to 1959	165	90	51	24	1950 to 1959	558	420	96	42
1949 or earlier	250	105	75	70	1949 or earlier	1 603	1 007	380	216
UNITS IN STRUCTURE					UNITS IN STRUCTURE				
1	686	345	241	100	1	981	562	283	136
2 or more	131	79	24	28	2 to 4	1 082	765	201	116
					5 to 9	367	322	36	9
					10 to 19	771	597	134	40
					20 or more	1 227	907	145	175
HEATING EQUIPMENT					RENT ASKED				
Steam or hot water	12	-	9	3	Specified vacant for rent?	4 363	3 124	771	468
Warm-air furnace	293	139	120	34	Less than \$50	491	288	136	67
Built-in electric units	332	189	101	42	\$50 to \$59	308	203	62	43
Floor, wall, or pipeless furnace	47	21	15	11	\$60 to \$79	865	558	233	74
Other means	133	75	20	38	\$80 to \$99	853	686	131	36
None	-	-	-	-	\$100 to \$119	484	422	24	38
					\$120 to \$149	540	502	26	12
					\$150 to \$199	609	395	93	121
					\$200 or more	213	70	66	77
SALES PRICE ASKED					Median rent asked	\$92	\$95	\$76	\$107
Specified vacant for sale?	658	324	238	96					
Less than \$5,000	30	13	8	9					
\$5,000 to \$9,999	79	29	44	6					
\$10,000 to \$14,999	126	58	38	30					
\$15,000 to \$19,999	166	109	38	19					
\$20,000 to \$24,999	128	60	57	11					
\$25,000 to \$34,999	62	28	34	-					
\$35,000 to \$49,999	45	19	19	7					
\$50,000 or more	22	8	-	14					
Median price asked	\$17 800	\$17 800	\$18 800	...					

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 B-10. Sales Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1970

[Data based on sample, see text. For meaning of symbols, see text]

Nashville-Davidson	Sales price asked - Vacant for sale ¹							Rent asked - Vacant for rent ²						
	Total	Less than \$10,000	\$10,000 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 or more	Total	Less than \$60	\$60 to \$79	\$80 to \$99	\$100 to \$149	\$150 to \$199	\$200 or more
Total	658	109	126	166	128	62	67	4 363	799	865	853	1 024	609	213
PLUMBING FACILITIES														
With all plumbing facilities	609	93	115	126	144	98	33	4 114	587	884	730	1 035	656	222
Lacking some or all plumbing facilities	61	31	15	-	15	-	-	270	145	33	92	-	-	-
BEDROOMS														
None and 1	67	52	-	-	15	-	-	1 767	318	405	466	429	149	-
2	181	57	48	28	48	-	-	2 174	331	371	275	551	477	169
3	309	15	33	84	80	64	33	329	64	111	65	36	-	53
4 or more	113	-	49	14	16	34	-	114	19	30	16	19	30	-
YEAR STRUCTURE BUILT														
1969 to March 1970	153	-	4	43	56	25	25	994	82	31	104	195	404	178
1960 to 1968	174	22	21	56	34	24	17	1 265	93	140	324	526	162	20
1950 to 1959	153	35	52	38	16	8	4	531	125	168	100	109	21	8
1949 or earlier	178	52	49	29	22	5	21	1 573	499	526	325	194	22	7
UNITS IN STRUCTURE														
1 .....	...	...	...	...	...	...	...	916	321	282	152	117	32	12
2 to 4 .....	...	...	...	...	...	...	...	1 082	267	288	254	235	38	-
5 to 19 .....	...	...	...	...	...	...	...	1 138	140	226	236	324	122	90
20 or more .....	...	...	...	...	...	...	...	1 227	71	69	211	348	417	111
INCLUSION OF UTILITIES IN RENT														
All utilities included .....	...	...	...	...	...	...	...	1 011	200	217	255	233	85	21
Some or no utilities included .....	...	...	...	...	...	...	...	3 352	599	648	598	791	524	192

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 B-11. Value of Owner Occupied 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]

Nashville-Davidson	Total	Less than \$5,000	\$5,000 to \$7,499	\$7,500 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)
Specified owner occupied¹	8 441	536	1 018	1 843	1 649	1 069	1 342	460	363	103	58	11 200
ROOMS												
1 and 2 rooms	11	-	5	6	-	-	-	-	-	-	-	-
3 rooms	207	43	53	46	27	14	14	5	5	-	-	-
4 rooms	1 401	211	334	418	215	134	60	15	-	-	-	7 900
5 rooms	2 704	148	276	678	633	429	421	65	39	10	14	8 400
6 rooms	2 302	110	213	441	435	298	476	65	39	10	5	11 000
7 rooms	1 030	14	72	159	212	108	237	90	85	20	4	12 200
8 rooms or more	786	10	65	95	127	86	134	65	97	36	5	13 800
Median	5.5	4.6	4.9	5.2	5.4	5.4	5.9	6.2	7.0	7.1	30	15 300
PERSONS												
1 person	895	105	161	233	169	69	75	37	30	11	5	9 400
2 persons	2 264	183	260	571	420	279	360	102	43	27	19	10 700
3 persons	1 527	71	172	316	274	189	252	145	81	27	-	11 900
4 persons	1 099	35	95	179	207	168	218	78	86	18	15	13 000
5 persons	960	38	115	164	191	159	192	36	46	10	9	12 100
6 persons or more	1 696	104	215	380	388	205	245	62	77	10	10	11 000
Median	3.2	2.4	3.0	2.9	3.4	3.5	3.4	3.1	3.8	3.0	4	10 400
Units with roomers, boarders, or lodgers	335	20	46	88	84	19	30	21	19	4	4	10 400
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	7 936	368	903	1 766	1 600	1 046	1 303	447	354	95	54	11 500
0.50 or less	3 839	193	420	911	724	442	588	281	179	66	35	11 400
0.51 to 1.00	3 046	105	351	544	634	467	619	136	142	29	19	12 100
1.01 to 1.50	835	45	99	242	209	113	72	22	33	-	-	10 400
1.51 or more	216	25	33	69	33	24	24	8	-	-	-	9 300
Lacking some or all plumbing facilities	505	168	115	77	49	23	39	13	9	-	-	6 800
0.50 or less	246	109	37	44	19	13	11	-	5	4	4	5 900
0.51 to 1.00	131	31	38	14	22	-	13	5	4	4	4	7 300
1.01 to 1.50	76	11	21	19	8	4	5	8	-	-	-	-
1.51 or more	52	17	19	-	-	6	10	-	-	-	-	-
BEDROOMS												
None and 1	511	64	174	65	104	86	-	-	18	-	-	8 200
2	2 938	201	479	905	424	404	357	64	41	63	-	9 700
3	3 596	251	411	581	734	436	774	199	127	22	61	11 900
4 or more	1 318	21	123	195	290	190	257	126	99	17	-	12 900
YEAR STRUCTURE BUILT												
1969 to March 1970	208	-	-	-	14	25	70	38	47	14	-	19 700
1965 to 1968	957	5	11	37	128	181	357	130	79	19	10	16 200
1960 to 1964	841	46	68	114	201	136	135	49	56	22	14	12 400
1950 to 1959	2 009	127	247	442	348	303	334	109	47	31	21	11 400
1940 to 1949	1 385	107	193	357	277	183	178	47	39	4	-	10 300
1939 or earlier	3 041	251	499	893	681	241	268	87	95	13	13	9 700
COMPLETE BATHROOMS												
1 and 1 1/2	6 991	357	798	1 670	1 545	926	1 160	337	150	22	26	11 100
2 and 2 1/2	842	9	18	87	102	81	143	112	225	58	7	19 300
3 or more	64	-	-	4	6	12	-	7	-	14	21	-
None or also used by another household	551	175	132	82	58	37	21	22	7	12	5	6 900
HOUSEHOLD COMPOSITION												
Two-or-more-person households	7 546	431	857	1 610	1 480	1 000	1 267	423	333	92	53	11 500
Male head, wife present, no nonrelatives	5 765	297	670	1 142	1 075	788	1 059	343	259	83	49	11 800
Under 25 years	108	6	17	9	9	10	27	20	5	5	-	15 400
25 to 34 years	817	37	48	168	144	133	188	47	47	5	-	12 700
35 to 44 years	1 396	45	139	247	261	220	321	60	78	15	10	12 600
45 to 64 years	2 568	119	327	462	546	334	434	169	96	51	30	11 700
65 years and over	876	90	137	256	115	91	89	47	33	7	9	9 500
Other male head	387	20	37	127	76	46	36	15	21	5	4	10 300
Under 65 years	277	5	19	100	58	42	25	6	17	5	-	10 600
65 years and over	110	15	18	27	18	4	11	9	4	-	4	9 500
Female head	1 394	114	150	341	329	166	172	65	53	4	-	10 700
Under 65 years	965	64	92	222	245	119	124	47	48	4	-	11 100
65 years and over	429	50	58	119	84	47	48	18	5	-	-	9 700
One-person households	895	105	161	233	169	69	75	37	30	11	5	9 400
Under 65 years	469	70	58	115	89	55	35	17	19	6	5	9 800
65 years and over	426	35	103	118	80	14	40	20	11	5	-	9 100
INCOME IN 1969												
Less than \$2,000	1 108	113	175	334	196	110	101	34	17	14	14	9 500
\$2,000 to \$2,999	554	76	111	133	106	55	35	23	15	-	-	9 200
\$3,000 to \$3,999	634	87	126	186	108	35	42	35	15	-	-	8 900
\$4,000 to \$4,999	568	68	60	140	176	26	54	18	21	5	-	10 200
\$5,000 to \$5,999	665	42	74	184	143	86	85	29	18	4	-	10 600
\$6,000 to \$6,999	603	14	70	153	130	92	102	17	16	-	9	11 200
\$7,000 to \$9,999	1 747	47	216	379	332	331	279	86	62	10	5	11 700
\$10,000 to \$14,999	1 772	76	148	239	375	228	435	125	109	28	9	13 000
\$15,000 to \$24,999	1 677	13	35	90	78	89	193	79	68	27	5	15 700
\$25,000 or more	113	-	3	5	5	17	16	14	22	15	16	23 800
Median	\$7 200	\$3 900	\$5 500	\$5 700	\$6 700	\$8 200	\$9 700	\$9 600	\$10 800	\$13 300	-	-
YEAR MOVED INTO UNIT												
1969 to March 1970	787	47	45	136	105	137	129	95	80	13	-	13 600
1968	680	-	39	102	108	119	217	56	33	-	6	14 400
1967	698	26	58	134	101	128	165	44	31	5	6	13 100
1965 and 1966	1 197	19	102	188	317	167	246	124	27	7	-	12 300
1960 to 1964	1 831	120	187	460	467	179	219	51	92	42	14	10 800
1950 to 1959	1 852	183	284	467	306	201	238	64	47	39	23	10 000
1949 or earlier	1 403	146	233	356	307	125	110	44	72	-	10	9 800
HEATING EQUIPMENT												
Steam or hot water	65	-	5	16	19	16	9	-	-	-	-	-
Warm-air furnace	1 995	50	80	387	418	278	381	148	159	70	24	13 100
Built-in electric units	3 159	107	249	525	604	514	728	253	139	20	20	13 000
Floor, wall, or pipeless furnace	724	30	123	208	197	81	54	11	11	4	5	10 000
Other means	2 483	344	561	707	405	180	170	44	54	9	9	8 700
None	15	5	-	-	6	-	-	4	-	-	-	-
AIR CONDITIONING												
Room unit(s)	5 022	218	407	1 023	1 153	735	977	273	185	32	19	11 900
Central system	661	14	7	21	27	62	172	103	171	56	28	21 300
None	2 765	309	534	799	531	259	175	102	26	18	12	9 200

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

Table B-12. Gross Rent of Renter Occupied 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]

Nashville-Davidson		Less than \$50	\$50 to \$59	\$60 to \$69	\$70 to \$79	\$80 to \$99	\$100 to \$119	\$120 to \$149	\$150 to \$199	\$200 to \$299	\$300 or more	No cash rent	Median (dollars)
Total													
Specified renter occupied¹		14 169	2 808	973	1 366	1 769	3 099	2 274	1 258	309	30	283	80
ROOMS													
1 room	251	150	50	—	11	17	—	—	—	—	—	23	50—
2 rooms	789	314	96	91	65	158	26	21	—	—	—	18	57
3 rooms	5 514	932	273	508	591	719	244	145	26	3	—	73	70
4 rooms	5 885	934	374	541	690	1 374	1 285	585	49	—	—	53	86
5 rooms	2 455	368	151	150	316	531	497	257	119	7	—	59	87
6 rooms	852	78	25	59	60	215	156	167	67	5	—	20	98
7 rooms	253	24	4	5	21	69	42	48	19	10	—	11	100
8 rooms or more	170	8	—	12	15	16	24	35	29	5	—	26	118
Median	3.9	3.5	3.7	3.7	3.8	4.0	4.2	4.3	5.2	—	—	4.0	—
PERSONS													
1 person	3 411	1 251	272	361	422	560	276	140	16	—	—	113	63
2 persons	3 527	489	264	418	525	755	536	327	35	—	—	78	79
3 persons	2 328	274	134	219	244	344	443	230	87	5	—	40	87
4 persons	1 642	207	91	125	216	330	415	189	58	7	—	4	91
5 persons	1 149	201	74	76	131	262	247	134	19	—	—	5	87
6 persons or more	2 112	286	138	167	231	540	357	238	94	18	—	43	88
Median	2.6	1.8	2.3	2.3	2.4	2.9	3.2	3.2	3.8	—	—	1.9	—
Units with roomers, boarders, or lodgers	689	62	55	61	99	135	117	112	28	5	—	15	89
PLUMBING FACILITIES BY PERSONS PER ROOM													
With all plumbing facilities													
0.50 or less	12 808	2 281	768	1 202	1 647	2 946	2 227	1 220	309	27	—	181	83
0.51 to 1.00	5 235	1 247	318	478	665	1 096	793	444	70	5	—	119	78
1.01 to 1.50	5 100	699	299	498	675	1 161	940	576	172	22	—	58	85
1.51 or more	1 750	295	114	164	180	465	335	151	46	—	—	—	85
Median	723	40	37	62	127	224	159	49	21	—	—	4	90
Lacking some or all plumbing facilities													
0.50 or less	1 361	527	205	164	122	153	47	38	—	3	—	102	55
0.51 to 1.00	542	244	50	77	61	39	11	11	—	—	—	49	51
1.01 to 1.50	487	187	102	60	30	72	—	10	—	—	—	26	54
1.51 or more	146	53	18	5	22	10	12	12	—	—	—	14	57
Median	186	43	35	22	9	32	24	5	—	3	—	13	64
BEDROOMS													
None	228	170	21	—	—	19	—	—	—	—	—	18	—
1	4 008	1 290	304	483	639	866	236	148	21	—	—	21	68
2	6 823	1 066	344	527	904	1 509	1 600	729	99	22	—	23	89
3 or more	3 113	462	292	286	183	729	432	454	195	23	—	57	87
YEAR STRUCTURE BUILT													
1969 to March 1970	815	197	36	45	24	29	178	245	61	—	—	—	109
1965 to 1968	1 513	165	75	52	67	377	503	206	49	—	—	19	100
1960 to 1964	1 731	181	59	67	201	500	480	172	42	3	—	26	95
1950 to 1959	3 429	748	293	424	445	836	387	172	64	7	—	53	75
1940 to 1949	2 247	478	169	292	369	474	276	140	19	5	—	25	75
1939 or earlier	4 434	1 039	341	486	663	883	450	323	74	15	—	160	74
ELEVATOR IN STRUCTURE													
4 floors or more	255	168	24	20	—	—	—	22	21	—	—	—	—
With elevator	235	148	24	20	—	—	—	22	21	—	—	—	—
Walk-up	20	20	—	—	—	—	—	—	—	—	—	—	—
1 to 3 floors	13 917	2 820	937	1 276	1 726	3 123	2 268	1 309	294	45	—	119	81
COMPLETE BATHROOMS													
1 and 1 1/2	12 381	2 159	783	1 167	1 621	2 825	2 209	1 171	252	11	—	183	82
2 or more	243	43	13	—	15	24	37	21	50	6	—	34	105
None or also used by another household	1 562	597	241	185	140	164	61	47	—	4	—	123	55
INCOME IN 1969													
Less than \$2,000	3 992	1 716	331	322	410	559	321	188	39	—	—	106	57
\$2,000 to \$2,999	1 597	472	153	182	186	317	165	81	6	—	—	35	69
\$3,000 to \$3,999	1 602	232	158	223	251	390	224	88	16	—	—	20	77
\$4,000 to \$4,999	1 549	131	164	240	203	378	250	132	31	—	—	20	81
\$5,000 to \$5,999	1 454	68	49	104	275	414	313	180	18	5	—	28	89
\$6,000 to \$6,999	965	69	39	83	93	233	239	120	39	—	—	4	93
\$7,000 to \$9,999	1 877	61	61	144	226	550	438	249	97	22	—	29	96
\$10,000 to \$14,999	910	46	18	48	70	211	258	200	31	3	—	11	104
\$15,000 to \$24,999	179	13	—	20	9	47	43	13	23	—	—	25	99
\$25,000 or more	44	—	—	—	—	—	—	—	—	—	—	5	—
Median	\$3 900	\$2000—	\$3 000	\$3 800	\$4 200	\$4 800	\$5 600	\$5 800	\$7 200	—	—	\$3 000	—
YEAR MOVED INTO UNIT													
1969 to March 1970	4 860	865	305	330	527	965	941	687	200	17	—	23	87
1968	1 823	266	143	105	182	441	407	199	52	4	—	24	92
1967	1 091	231	46	106	154	247	215	48	15	—	—	29	80
1965 and 1966	2 362	451	166	301	376	586	337	98	16	—	—	31	77
1960 to 1964	1 995	463	192	207	246	426	263	134	—	—	—	64	74
1950 to 1959	1 550	348	147	231	245	277	129	49	19	—	—	105	70
1949 or earlier	505	175	38	72	46	71	15	24	—	—	—	64	61
GROSS RENT AS PERCENTAGE OF INCOME													
Less than 10 percent	900	245	79	143	108	180	101	16	28	—	—	—	69
10 to 14 percent	1 963	310	113	194	304	494	361	173	14	—	—	—	82
15 to 19 percent	2 309	334	209	301	366	554	366	159	20	—	—	—	78
20 to 24 percent	1 980	380	157	176	196	434	359	212	63	3	—	—	83
25 to 29 percent	2 248	443	93	167	291	474	421	264	78	17	—	—	85
30 percent or more	3 999	925	281	354	433	905	597	399	95	10	—	—	80
Not computed	770	171	41	31	71	58	69	35	11	—	—	283	70
AIR CONDITIONING													
Room units	3 804	146	122	190	376	1 007	1 025	676	153	6	—	103	100
Central system	469	74	11	9	9	45	166	89	32	—	—	34	108
None	9 913	2 579	904	1 153	1 391	1 961	1 116	474	117	15	—	203	72

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

Table B-13. Income in 1969 of Families and Primary Individuals in Owner and Renter Occupied 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]

Nashville-Davidson	Total	Less than \$2,000	\$2,000 to \$2,999	\$3,000 to \$3,999	\$4,000 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$9,999	\$10,000 to \$14,999	\$15,000 to \$24,999	\$25,000 or more	Median (dollars)
Owner occupied housing units	9 585	1 337	647	718	645	767	722	1 972	1 941	707	129	6 900
ROOMS												
1 and 2 rooms.....	25	6	-	3	-	5	-	-	11	-	-	...
3 rooms.....	291	101	48	35	19	14	6	43	9	17	5	2 900
4 rooms.....	1 731	407	173	170	113	156	167	294	200	51	-	5 000
5 rooms.....	2 990	441	202	197	207	271	256	700	553	155	8	6 700
6 rooms.....	2 545	243	146	192	163	208	175	523	621	229	45	7 800
7 rooms or more.....	2 003	139	78	121	143	113	118	412	547	261	71	9 100
PERSONS												
1 person.....	1 099	578	114	133	68	55	22	101	24	4	-	2000-
2 persons.....	2 593	457	275	299	239	279	272	384	269	93	26	5 100
3 and 4 persons.....	2 942	210	150	159	161	217	229	652	796	305	63	8 600
5 persons.....	1 070	48	37	54	46	78	100	343	255	94	15	8 500
6 persons or more.....	1 881	44	71	73	131	138	99	492	597	211	25	9 300
Units with roomers, boarders, or lodgers.....	439	111	50	52	24	50	37	59	51	5	-	4 300
BEDROOMS												
Less than 3.....	4 126	959	279	471	236	473	264	741	538	128	37	5 200
3.....	4 011	451	334	319	217	199	316	964	846	325	40	7 500
4 or more.....	1 463	81	26	117	77	104	96	216	491	162	93	10 100
YEAR STRUCTURE BUILT												
1969 to March 1970.....	254	14	4	10	8	17	23	69	73	31	5	9 200
1960 to 1968.....	2 008	103	73	100	95	122	158	469	583	256	49	9 300
1950 to 1959.....	2 210	261	131	127	99	156	209	501	500	194	32	7 700
1949 or earlier.....	5 113	959	439	481	443	472	332	933	785	226	43	5 500
YEAR MOVED INTO UNIT												
1969 to March 1970.....	947	69	44	53	97	70	73	278	211	45	7	7 700
1968.....	740	64	18	26	44	59	71	206	180	63	9	8 300
1960 to 1967.....	4 132	339	298	202	295	336	326	901	989	370	76	7 900
1959 or earlier.....	3 727	810	293	369	258	288	264	595	589	234	27	5 500
SELECTED CHARACTERISTICS												
Automatic clothes washing machine.....	4 963	415	216	367	198	348	307	1 270	1 222	450	170	8 500
Clothes dryer.....	3 073	261	105	208	90	204	185	660	879	363	118	9 200
Dishwasher.....	596	22	18	-	62	40	74	219	74	40	40	10 800
Home food freezer.....	3 111	345	268	299	212	249	180	542	652	230	134	7 000
Owned second home.....	250	-	-	37	23	23	23	-	17	23	84	...
With air conditioning.....	6 323	531	256	319	438	455	523	1 434	1 621	633	113	8 300
Room unit(s).....	5 579	507	236	294	416	418	468	1 233	1 466	488	53	8 100
Central system.....	744	24	20	25	22	37	55	201	155	145	60	9 800
Automobiles available:												
1.....	4 387	427	281	322	444	464	429	1 111	735	149	25	6 600
2.....	2 837	70	47	88	122	151	211	615	1 033	433	67	10 600
3 or more.....	408	8	-	14	24	-	14	80	132	109	27	12 400
Renter occupied housing units	14 615	4 132	1 677	1 669	1 599	1 470	985	1 908	940	186	49	3 900
ROOMS												
1 room.....	256	123	26	50	20	10	6	21	-	-	-	2 200
2 rooms.....	805	399	85	63	71	45	43	72	14	13	-	2 000
3 rooms.....	3 644	1 404	518	457	337	285	150	354	135	4	-	2 800
4 rooms.....	6 031	1 448	708	680	661	722	448	856	411	90	7	4 300
5 rooms.....	2 534	551	241	279	377	237	223	357	224	40	5	4 500
6 rooms or more.....	1 345	207	99	140	133	171	115	248	156	39	37	5 500
PERSONS												
1 person.....	3 470	1 976	414	396	240	147	95	136	45	21	-	2000-
2 persons.....	3 676	1 011	555	368	452	378	222	457	169	51	13	3 700
3 and 4 persons.....	4 076	662	401	535	464	485	388	715	361	39	26	4 900
5 persons.....	1 171	187	109	124	157	179	109	160	108	32	6	5 000
6 persons or more.....	2 222	296	198	246	286	281	171	440	257	43	4	5 300
Units with roomers, boarders, or lodgers.....	693	271	78	120	57	54	54	39	15	5	-	3 000
BEDROOMS												
None.....	228	186	21	-	21	-	-	-	-	-	-	...
1.....	4 106	1 763	531	473	429	286	122	358	121	23	-	2 500
2.....	7 004	1 676	704	781	608	836	608	1 112	495	184	-	4 600
3 or more.....	3 215	661	202	365	436	478	171	580	201	102	19	4 900
YEAR STRUCTURE BUILT												
1969 to March 1970.....	841	214	70	86	110	109	80	100	51	14	7	4 500
1960 to 1968.....	3 320	721	296	253	367	328	297	648	322	74	14	5 100
1950 to 1959.....	3 538	906	506	447	334	378	231	497	181	54	4	3 800
1949 or earlier.....	6 916	2 291	805	883	788	655	377	663	386	44	24	3 400
YEAR MOVED INTO UNIT												
1969 to March 1970.....	4 973	1 214	582	642	631	548	361	582	356	36	21	4 100
1968.....	1 886	449	181	193	254	155	131	336	145	29	13	4 500
1960 to 1967.....	5 612	1 598	643	657	574	571	381	782	343	49	14	3 900
1959 or earlier.....	2 178	857	341	201	191	149	120	113	168	32	6	2 700
GROSS RENT AS PERCENTAGE OF INCOME												
Specified renter occupied ¹	14 169	3 992	1 597	1 602	1 549	1 454	965	1 877	910	179	44	3 900
Less than 15 percent.....	2 863	-	38	129	156	264	299	1 040	830	168	39	8 900
15 to 19 percent.....	2 309	18	213	185	425	530	333	557	48	-	-	5 600
20 to 24 percent.....	1 980	192	257	303	364	402	261	194	7	-	-	4 700
25 to 34 percent.....	2 248	424	331	586	482	315	58	52	-	-	-	3 600
35 percent or more.....	3 999	2 765	723	379	102	15	10	5	-	-	-	2000-
Not computed.....	770	593	35	20	20	28	4	29	25	11	5	2000-
SELECTED CHARACTERISTICS												
Automatic clothes washing machine.....	2 843	715	227	336	349	245	175	416	224	137	19	4 400
Clothes dryer.....	762	184	-	112	39	88	38	165	55	62	19	5 500
Dishwasher.....	194	46	23	-	17	42	-	66	-	-	-	...
Home food freezer.....	1 026	206	104	79	151	82	88	186	90	40	-	4 800
Owned second home.....	216	61	40	-	19	23	20	18	15	20	-	...
With air conditioning.....	4 349	717	336	425	432	473	440	838	531	108	49	5 600
Room unit(s).....	3 865	579	318	396	377	429	395	737	506	85	43	5 600
Central system.....	484	138	18	29	55	44	45	101	25	23	6	5 000
Automobiles available:												
1.....	5 926	898	473	694	818	762	632	1 043	560	36	10	5 100
2.....	1 085	95	26	51	81	115	64	304	238	78	33	8 100
3 or more.....	99	11	6	15	6	7	5	17	24	8	-	...

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

Table B-14. Plumbing Facilities by Persons Per Room for Owner and Renter Occupied 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]

Nashville-Davidson	With all plumbing facilities					Lacking some or all plumbing facilities					
	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more	
Owner occupied housing units	9 585	8 960	4 367	3 379	962	252	625	333	159	81	52
PERSONS											
1 person	1 099	980	980	-	-	-	119	119	-	-	-
2 persons	2 593	2 415	2 344	68	-	3	178	163	15	-	-
3 persons	1 708	1 641	840	801	-	-	67	37	30	-	-
4 persons	1 234	1 162	155	983	24	-	72	10	62	-	-
5 persons	1 070	1 015	48	849	110	8	55	4	47	4	-
6 persons or more	1 881	1 747	-	678	828	241	134	-	5	77	52
Median	3.1	3.2	2.0	4.3	6.7	7.5+	2.7	1.8	4.1	...	...
Units with roomers, boarders, or lodgers	439	403	145	193	65	-	36	15	21	-	-
YEAR STRUCTURE BUILT											
1969 to March 1970	273	267	137	125	5	-	6	-	-	6	-
1965 to 1968	972	968	381	451	118	18	4	-	4	-	-
1960 to 1964	964	927	354	427	110	36	37	14	6	6	11
1950 to 1959	2 099	1 980	966	760	181	73	119	56	13	42	8
1940 to 1949	1 610	1 532	750	548	202	32	78	57	7	14	-
1939 or earlier	3 628	3 310	1 833	1 066	351	60	318	200	99	7	12
INCOME IN 1969											
Less than \$2,000	1 337	1 161	931	173	43	14	176	158	18	-	-
\$2,000 to \$2,999	647	588	382	156	34	16	59	31	10	18	-
\$3,000 to \$3,999	718	618	411	171	33	3	100	55	20	9	16
\$4,000 to \$4,999	645	613	368	145	84	16	32	15	12	-	5
\$5,000 to \$5,999	767	716	357	264	85	10	51	19	14	13	5
\$6,000 to \$6,999	722	691	342	278	62	9	31	10	21	-	-
\$7,000 to \$9,999	1 972	1 874	708	865	237	64	98	20	40	21	17
\$10,000 to \$14,999	1 941	1 868	582	938	279	69	73	25	24	15	9
\$15,000 to \$24,999	707	702	219	342	90	51	5	-	-	5	-
\$25,000 or more	129	129	67	47	15	-	-	-	-	-	-
Median	\$6 900	\$7 100	\$5 300	\$8 700	\$8 800	\$9 700	\$3 800	\$2 300	\$6 300	...	...
VALUE-INCOME RATIO											
Specified owner occupied ¹	8 441	7 936	3 839	3 046	835	216	505	246	131	76	52
Less than 1:5	3 469	3 248	1 018	1 567	509	154	221	70	72	47	32
1:5 to 1:9	1 424	1 383	612	611	143	17	41	9	13	4	15
2:0 to 2:4	845	809	460	269	70	10	36	19	4	8	5
2:5 to 2:9	623	592	382	180	25	5	31	16	15	-	-
3:0 to 3:9	508	471	263	162	41	5	37	33	-	4	-
4:0 or more	1 461	1 342	1 024	246	47	25	119	83	23	13	-
Not computed	111	91	80	11	-	-	20	16	4	-	-
HEATING EQUIPMENT											
Steam or hot water	77	77	35	38	4	-	-	-	-	-	-
Warm-air furnace	2 314	2 262	1 218	810	210	24	52	32	11	9	-
Built-in electric units	3 481	3 364	1 438	1 442	370	114	117	57	28	27	5
Floor, wall, or pipeless furnace	862	850	414	294	110	32	12	4	4	-	4
Other means	2 836	2 392	1 253	795	262	82	444	240	116	45	43
None	15	15	9	-	6	-	-	-	-	-	-
Renter occupied housing units	14 615	13 200	5 340	5 293	1 814	753	1 415	560	512	146	197
PERSONS											
1 person	3 470	2 941	2 863	78	-	-	529	410	119	-	-
2 persons	3 676	3 321	2 266	1 030	-	25	355	133	210	-	12
3 persons	2 393	2 259	192	2 007	55	5	134	17	108	5	4
4 persons	1 683	1 548	19	1 371	128	30	135	-	75	44	16
5 persons	1 171	1 124	-	550	464	110	47	-	-	38	9
6 persons or more	2 222	2 007	-	257	1 167	583	215	-	-	59	156
Median	2.6	2.6	1.4	3.3	6.0	7.1	2.0	1.2	2.2	5.1	7.0
Units with roomers, boarders, or lodgers	693	580	179	341	39	21	113	12	70	26	5
YEAR STRUCTURE BUILT											
1969 to March 1970	819	794	306	391	76	21	25	15	-	-	10
1965 to 1968	1 491	1 466	551	707	148	60	25	6	14	-	5
1960 to 1964	1 875	1 830	673	819	198	140	45	7	30	-	8
1950 to 1959	3 511	3 244	1 134	1 204	620	286	267	89	101	34	43
1940 to 1949	2 296	2 107	912	771	293	131	189	81	37	41	30
1939 or earlier	4 657	3 766	1 786	1 395	401	184	891	369	323	72	127
INCOME IN 1969											
Less than \$2,000	4 132	3 576	2 221	999	252	104	556	302	204	28	22
\$2,000 to \$2,999	1 677	1 488	663	537	206	82	189	94	64	23	8
\$3,000 to \$3,999	1 669	1 479	555	605	226	93	190	79	69	20	22
\$4,000 to \$4,999	1 599	1 472	497	629	250	96	127	40	54	8	25
\$5,000 to \$5,999	1 470	1 371	420	638	211	102	99	17	23	28	31
\$6,000 to \$6,999	985	950	242	484	191	33	35	9	23	-	3
\$7,000 to \$9,999	1 908	1 794	447	898	289	160	114	13	54	21	26
\$10,000 to \$14,999	940	843	201	416	158	68	97	6	17	18	56
\$15,000 to \$24,999	186	178	71	61	31	15	8	-	4	-	4
\$25,000 or more	49	49	23	26	-	-	-	-	-	-	-
Median	\$3 900	\$4 000	\$2 700	\$4 800	\$4 900	\$5 000	\$2 800	\$2000-	\$2 800	\$4 300	\$5 700
GROSS RENT AS PERCENTAGE OF INCOME											
Specified renter occupied ²	14 169	12 808	5 235	5 100	1 750	723	1 361	542	487	146	186
Less than 10 percent	900	761	186	360	151	64	139	14	63	16	46
10 to 14 percent	1 963	1 803	503	871	296	133	160	33	66	14	29
15 to 19 percent	2 309	2 148	599	959	429	161	161	37	67	28	45
20 to 24 percent	1 980	1 826	655	790	300	81	154	58	52	20	24
25 to 34 percent	2 248	2 102	852	861	255	134	146	66	45	25	10
35 percent or more	3 999	3 565	2 041	1 099	284	141	434	237	158	29	10
Not computed	770	603	399	160	35	9	167	97	36	14	20
HEATING EQUIPMENT											
Steam or hot water	751	699	399	252	32	16	52	30	12	-	10
Warm-air furnace	1 712	1 620	738	659	170	53	92	19	64	9	-
Built-in electric units	5 276	5 140	2 048	2 165	617	310	136	50	54	10	22
Floor, wall, or pipeless furnace	882	842	349	322	120	51	40	20	5	5	10
Other means	5 943	4 881	1 796	1 891	875	319	1 062	431	362	114	155
None	51	18	10	4	-	4	33	10	15	8	-

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

Table B-15. Rooms in Owner and Renter Occupied 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]

Nashville-Davidson										
	Total	1 room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Median
Owner occupied housing units	9 585	8	17	291	1 731	2 990	2 545	1 118	885	5.4
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	8 875	7	7	249	1 482	2 763	2 427	1 102	838	5.5
PERSONS										
1 person	1 099	--	12	123	326	399	159	33	47	4.7
2 persons	2 593	3	--	83	652	890	585	253	127	5.1
3 persons	1 708	--	--	33	258	540	546	172	159	5.5
4 persons	1 234	--	--	24	193	362	311	179	165	5.6
5 persons	1 070	--	--	8	114	328	333	188	99	5.8
6 persons or more	1 881	5	5	20	188	471	611	293	288	5.9
Median	3.1	...	...	1.8	2.3	2.9	3.5	4.1	4.2	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	8 960	8	11	257	1 489	2 835	2 408	1 087	865	5.5
0.50 or less	4 367	--	6	104	826	1 231	1 217	453	530	5.5
0.51 to 1.00	3 379	--	--	101	414	1 175	837	548	304	5.5
1.01 to 1.50	962	--	--	24	186	342	311	68	31	5.3
1.51 or more	252	8	5	28	63	87	43	18	--	4.8
Lacking some or all plumbing facilities	625	--	6	34	242	242	155	137	31	4.7
0.50 or less	333	--	6	19	152	58	73	5	20	4.4
0.51 to 1.00	159	--	--	15	37	55	30	22	--	5.0
1.01 to 1.50	81	--	--	--	17	37	23	4	--	...
1.51 or more	52	--	--	--	36	5	11	--	--	...
BEDROOMS										
None and 1	719	22	47	250	235	102	63	--	--	3.7
2	3 407	--	--	130	1 193	1 412	465	147	60	4.8
3	4 011	--	--	--	268	1 499	1 366	581	297	5.7
4 or more	1 463	--	--	--	--	54	311	403	695	7.4
YEAR STRUCTURE BUILT										
1969 to March 1970	254	--	--	--	33	81	73	42	25	5.7
1960 to 1968	2 008	--	12	30	281	789	531	228	137	5.4
1950 to 1959	2 210	5	5	52	523	675	553	214	183	5.3
1949 or earlier	5 113	3	--	209	894	1 445	1 388	634	540	5.5
COMPLETE BATHROOMS										
1 and 1 1/2	7 785	7	7	245	1 420	2 665	2 193	840	408	5.3
2 or more	1 097	--	--	11	62	98	234	262	430	7.0
None or also used by another household	664	--	--	18	258	162	190	23	13	4.8
VALUE-INCOME RATIO										
Specified owner occupied¹	8 441	--	11	207	1 401	2 704	2 302	1 030	786	5.5
Less than 1.5	3 469	--	5	76	601	1 095	920	460	312	5.5
1.5 to 1.9	1 424	--	--	17	182	512	430	165	118	5.5
2.0 to 2.9	1 468	--	--	32	186	454	498	192	106	5.6
3.0 or more	1 969	--	6	76	391	620	433	208	235	5.3
Not computed	111	--	--	6	41	23	21	5	15	4.9
Renter occupied housing units	14 615	256	805	3 644	6 031	2 534	873	297	175	3.9
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	12 794	91	532	3 110	5 432	2 337	848	256	188	4.0
PERSONS										
1 person	3 470	197	506	1 649	860	183	45	17	13	3.1
2 persons	3 676	37	159	1 081	1 897	332	109	36	25	3.8
3 persons	2 393	9	60	433	1 299	383	176	18	15	4.0
4 persons	1 683	7	39	172	933	432	52	29	19	4.2
5 persons	1 171	--	10	109	502	400	87	44	19	4.4
6 persons or more	2 222	6	31	200	540	804	404	153	84	4.9
Median	2.6	1.1	1.3	1.7	2.7	4.4	5.1	5.7	5.3	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	13 200	114	568	3 177	5 624	2 444	818	280	175	4.0
0.50 or less	5 340	--	369	1 475	2 591	475	297	61	72	3.8
0.51 to 1.00	5 293	78	97	1 330	2 107	1 193	241	153	94	4.0
1.01 to 1.50	1 814	--	55	128	688	646	239	49	9	4.6
1.51 or more	753	36	47	244	238	130	41	17	--	3.7
Lacking some or all plumbing facilities	1 415	142	237	467	407	90	55	17	--	3.2
0.50 or less	560	--	137	174	166	40	33	10	--	3.3
0.51 to 1.00	512	119	62	184	125	22	--	--	--	2.9
1.01 to 1.50	146	--	5	44	62	18	10	7	--	3.9
1.51 or more	197	23	33	65	54	10	12	--	--	3.2
BEDROOMS										
None	228	166	22	40	--	--	--	--	--	...
1	4 106	--	699	2 831	456	120	--	--	--	3.0
2	7 004	--	--	739	5 177	939	91	43	15	4.0
3 or more	3 215	--	--	--	417	1 795	654	268	81	5.2
YEAR STRUCTURE BUILT										
1969 to March 1970	841	23	21	115	481	139	29	17	16	4.0
1960 to 1968	3 320	38	220	707	1 737	464	107	22	25	3.9
1950 to 1959	3 538	42	137	767	1 469	780	239	73	31	4.1
1949 or earlier	6 916	153	427	2 055	2 344	1 151	498	185	103	3.9
COMPLETE BATHROOMS										
1 and 1 1/2	12 764	123	563	3 152	5 435	2 358	812	208	113	4.0
2 or more	255	7	9	32	31	6	36	59	75	6.6
None or also used by another household	1 630	168	250	547	490	94	54	20	7	3.2
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied²	14 169	251	789	3 514	5 885	2 455	852	253	170	3.9
Less than 10 percent	900	16	48	180	355	196	75	13	17	4.1
10 to 14 percent	1 963	33	84	360	630	362	140	39	11	4.0
15 to 19 percent	2 309	37	107	443	994	411	169	57	4	4.0
20 to 24 percent	1 980	48	100	443	823	341	154	39	32	4.0
25 to 34 percent	2 248	20	114	504	953	459	140	43	15	4.0
35 percent or more	3 999	68	274	1 317	1 543	556	139	41	61	3.7
Not computed	770	29	62	180	283	130	35	21	30	3.9

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 B-16. Units in Structure for Owner and Renter Occupied 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]

	Owner occupied				Renter occupied								
	Total	1 unit	2 units or more	Mobile home or trailer	Total	1 unit	2 units	3 and 4 units	5 to 9 units	10 to 19 units	20 units or more	Mobile home or trailer	
Nashville-Davidson													
All occupied housing units	9 585	8 875	639	71	14 615	5 668	2 045	2 285	1 862	1 520	1 198	37	
ROOMS													
1 room	8	3	5	-	256	52	6	35	64	30	69	-	
2 rooms	17	11	-	6	805	204	102	116	94	146	131	12	
3 rooms	291	221	183	4	3 644	960	855	538	421	497	370	3	
4 rooms	1 731	1 498	66	50	6 031	2 115	789	1 226	888	580	419	14	
5 rooms	2 990	2 818	167	5	2 534	1 331	216	299	317	210	161	-	
6 rooms	2 545	2 421	124	-	873	672	25	61	45	27	43	-	
7 rooms	1 118	1 072	40	6	297	188	34	6	33	23	5	8	
8 rooms or more	885	831	54	-	175	146	18	4	-	7	-	-	
Median	5.4	5.5	4.9	-	3.9	4.3	3.6	3.9	3.9	3.7	3.6	-	
PUMBLING FACILITIES BY PERSONS PER ROOM													
With all plumbing facilities	8 960	8 310	589	61	13 200	4 862	1 833	2 148	1 745	1 441	1 146	25	
0.50 or less	4 367	4 008	342	17	5 340	1 892	808	924	700	548	460	8	
0.51 to 1.00	3 379	3 172	183	24	5 293	1 945	738	823	704	592	478	13	
1.01 to 1.50	962	899	43	20	1 814	756	174	281	275	206	118	4	
1.51 or more	252	231	21	-	753	269	113	120	66	95	90	-	
Lacking some or all plumbing facilities	625	505	50	10	1 415	806	212	137	117	79	52	12	
0.50 or less	333	292	31	10	560	305	108	68	36	31	9	3	
0.51 to 1.00	159	145	14	-	512	240	70	52	69	42	34	5	
1.01 to 1.50	81	76	5	-	146	123	9	-	5	-	9	-	
1.51 or more	52	52	-	-	197	138	25	17	7	6	-	4	
BEDROOMS													
None	22	22	-	-	228	18	19	46	42	21	82	-	
1	697	571	104	22	4 106	1 170	707	697	525	462	524	21	
2	3 407	3 063	324	20	7 004	2 613	1 101	1 469	780	554	487	-	
3	4 011	3 832	179	-	2 657	1 492	250	242	320	193	138	22	
4 or more	1 463	1 382	61	20	558	315	39	39	59	86	20	-	
YEAR STRUCTURE BUILT													
1969 to March 1970	254	235	16	3	841	153	59	141	190	150	140	8	
1965 to 1968	1 064	999	34	31	1 542	305	226	387	258	193	164	9	
1960 to 1964	944	867	66	11	1 778	434	178	376	173	297	320	-	
1950 to 1959	2 210	2 098	92	20	3 538	1 281	415	505	610	423	287	17	
1940 to 1949	1 605	1 454	151	-	2 316	1 147	352	330	219	162	103	3	
1939 or earlier	3 568	3 222	280	6	4 600	2 348	815	546	412	295	184	-	
INCOME IN 1969													
Less than \$2,000	1 337	1 184	137	16	4 132	1 632	546	487	599	434	434	-	
\$2,000 to \$2,999	647	589	52	6	1 677	633	249	216	214	223	134	8	
\$3,000 to \$3,999	718	670	43	5	1 669	604	264	292	208	177	117	7	
\$4,000 to \$4,999	645	598	42	5	1 599	604	263	263	194	171	104	-	
\$5,000 to \$5,999	767	689	71	7	1 470	526	162	311	191	172	108	-	
\$6,000 to \$6,999	722	661	55	6	985	376	133	181	106	95	94	-	
\$7,000 to \$9,999	1 972	1 817	145	10	1 908	734	287	340	227	175	141	4	
\$10,000 to \$14,999	1 941	1 855	70	16	940	462	96	144	104	57	59	18	
\$15,000 to \$24,999	707	694	13	-	186	60	45	39	19	16	7	-	
\$25,000 or more	129	118	11	-	49	37	-	12	-	-	-	-	
Median	\$6 900	\$7 100	\$5 600	-	\$3 900	\$3 900	\$3 900	\$4 600	\$3 600	\$3 600	\$3 300	-	
YEAR MOVED INTO UNIT													
1969 to March 1970	947	864	66	17	4 973	1 603	697	835	630	689	510	9	
1968	740	717	23	-	1 886	719	211	345	284	168	147	12	
1967	789	712	62	15	1 112	516	126	137	162	66	99	6	
1965 and 1966	1 352	1 235	83	34	2 443	956	348	283	314	297	238	7	
1960 to 1964	1 991	1 888	103	-	2 057	844	336	289	266	235	87	-	
1950 to 1959	1 828	1 695	127	6	1 498	704	221	189	196	102	86	-	
1949 or earlier	1 899	1 756	143	-	680	404	108	49	58	20	41	-	
GROSS RENT													
Specified renter occupied													
Less than \$50	-	-	-	-	14 169	5 222	2 045	2 285	1 862	1 520	1 198	37	
\$50 to \$59	-	-	-	-	2 808	1 008	272	193	547	380	408	-	
\$60 to \$69	-	-	-	-	973	402	150	67	160	134	52	8	
\$70 to \$79	-	-	-	-	1 366	475	275	222	167	141	86	-	
\$80 to \$99	-	-	-	-	1 769	576	295	341	245	184	128	-	
\$100 to \$119	-	-	-	-	3 099	1 013	517	711	335	295	223	5	
\$120 to \$149	-	-	-	-	2 274	787	347	577	241	234	88	-	
\$150 to \$199	-	-	-	-	1 258	558	123	143	136	136	149	13	
\$200 to \$299	-	-	-	-	309	180	22	31	22	5	49	-	
\$300 or more	-	-	-	-	30	27	-	-	3	-	-	-	
No cash rent	-	-	-	-	-	-	-	-	-	-	-	-	
Median	-	-	-	-	\$80	\$81	\$80	\$91	\$72	\$75	\$74	-	
HEATING EQUIPMENT													
Steam or hot water	77	69	8	-	751	208	20	75	218	133	97	-	
Warm-air furnace	2 314	2 087	219	8	1 712	485	270	352	255	130	207	13	
Built-in electric units	3 481	3 291	175	15	5 276	1 404	766	1 097	632	786	583	8	
Floor, wall, or pipeless furnace	862	797	55	10	882	355	111	146	130	129	11	-	
Other means	2 836	2 616	182	38	5 943	3 169	878	611	627	342	300	16	
None	15	15	-	-	51	47	-	4	-	-	-	-	
AIR CONDITIONING													
Room units	5 579	5 233	299	47	3 865	1 276	500	881	411	405	376	16	
Central system	744	691	46	7	2 837	1 02	34	40	53	115	140	-	
None	3 223	2 943	262	18	10 306	4 368	1 513	1 206	1 446	1 057	692	18	
AUTOMOBILES AVAILABLE													
1	4 387	4 046	296	45	5 926	2 376	863	984	670	627	394	12	
2	2 837	2 713	110	14	1 085	516	140	161	152	46	70	-	
3 or more	408	387	21	-	99	33	15	25	20	6	-	-	
None	1 914	1 721	180	13	7 539	2 821	1 029	957	1 068	898	744	22	

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

Table B-17. Household Composition for Owner and Renter Occupied 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.]

Nashville-Davidson	Total	Two-or-more-person households									One-person households	
		Male head, wife present, no nonrelatives					Other male head		Female head		Under 65 years	65 years and over
		Under 25 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Under 65 years	65 years and over	Under 65 years	65 years and over		
Owner occupied housing units	9 585	143	891	1 490	2 853	991	319	144	1 128	527	565	534
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	8 960	137	867	1 435	2 699	909	292	120	1 042	479	523	457
0.50 or less	4 367	56	144	301	1 280	628	141	65	490	282	523	457
0.51 to 1.00	3 379	62	512	782	1 122	202	101	41	397	160	-	-
1.01 to 1.50	962	10	185	262	246	62	42	6	117	32	-	-
1.51 or more	252	9	26	90	51	17	8	8	38	5	-	-
Locking some or all plumbing facilities	625	6	24	55	154	82	27	24	86	48	42	77
0.50 or less	333	6	-	4	41	63	22	19	36	23	42	77
0.51 to 1.00	159	-	20	9	61	13	5	5	21	25	-	-
1.01 to 1.50	81	-	4	18	35	6	-	-	18	-	-	-
1.51 or more	52	-	-	24	17	-	-	-	11	-	-	-
UNITS IN STRUCTURE												
1	8 875	128	848	1 463	2 679	904	294	119	1 046	456	486	452
2 or more	639	15	28	18	163	87	22	25	71	59	73	78
Mobile home or trailer	71	-	15	9	11	-	3	-	11	12	6	4
INCOME IN 1969												
Less than \$2,000	1 337	-	4	15	90	196	27	27	204	196	192	386
\$2,000 to \$2,999	647	21	9	26	73	207	15	18	92	72	53	61
\$3,000 to \$3,999	718	5	9	40	142	114	26	11	169	69	85	48
\$4,000 to \$4,999	645	20	35	60	220	99	15	18	74	36	56	12
\$5,000 to \$5,999	767	10	56	110	249	87	51	15	95	39	48	10
\$6,000 to \$6,999	722	15	86	93	292	60	56	9	66	23	12	7
\$7,000 to \$9,999	1 972	16	301	430	667	77	48	15	260	57	95	6
\$10,000 to \$14,999	1 941	47	324	491	758	88	45	18	118	26	20	4
\$15,000 to \$24,999	707	9	57	196	300	51	26	13	44	7	4	-
\$25,000 or more	129	-	10	29	62	12	10	-	6	-	-	-
Median	\$6 900	\$7 100	\$9 500	\$9 800	\$8 600	\$3 800	\$6 500	\$4 900	\$5 300	\$2 900	\$3 400	\$2000-
VALUE-INCOME RATIO												
Specified owner occupied ¹	8 441	108	817	1 396	2 568	876	277	110	965	429	469	426
Less than 1.5	3 469	42	470	769	1 339	219	107	50	303	86	71	13
1.5 to 1.9	1 424	30	166	307	457	123	54	-	157	41	85	4
2.0 to 2.4	845	6	108	142	266	88	45	12	91	24	40	2
2.5 to 2.9	623	10	14	86	186	83	8	19	84	63	44	26
3.0 to 3.9	508	-	30	52	137	90	16	3	72	44	30	34
4.0 or more	1 461	20	29	40	168	261	42	18	249	166	168	300
Not computed	111	-	-	-	15	12	5	8	9	5	31	26
Renter occupied housing units	14 615	905	1 706	1 208	1 646	647	779	186	3 635	433	2 286	1 184
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	13 200	879	1 627	1 106	1 460	551	692	150	3 451	343	1 945	996
0.50 or less	5 340	209	287	132	438	216	206	85	728	176	1 891	972
0.51 to 1.00	5 293	524	894	454	720	299	380	56	1 749	139	54	24
1.01 to 1.50	1 814	120	341	300	210	18	39	4	759	23	-	-
1.51 or more	753	26	105	220	92	18	67	5	215	5	-	-
Locking some or all plumbing facilities	1 415	24	79	102	186	96	87	36	184	90	341	188
0.50 or less	560	-	5	-	31	40	20	-	25	29	254	156
0.51 to 1.00	512	26	14	24	98	47	33	36	69	46	87	32
1.01 to 1.50	146	-	12	27	32	-	15	-	49	11	-	-
1.51 or more	197	-	48	51	25	9	19	-	41	4	-	-
UNITS IN STRUCTURE												
1	5 668	235	502	554	856	327	283	103	1 515	221	660	412
2 to 4	4 330	329	708	345	415	140	259	41	826	67	884	316
5 to 19	3 382	239	402	198	282	126	162	35	1 031	97	521	289
20 or more	1 198	102	84	107	81	54	75	7	263	48	221	156
Mobile home or trailer	37	-	10	4	12	-	-	-	-	-	-	11
GROSS RENT												
Specified renter occupied ²	14 169	875	1 656	1 178	1 601	603	740	181	3 518	406	2 267	1 144
Less than \$50	2 808	30	25	61	132	173	44	38	920	134	601	650
\$50 to \$59	973	24	69	68	62	66	55	19	290	48	200	72
\$60 to \$69	1 366	93	127	68	132	84	91	23	351	36	267	94
\$70 to \$79	1 769	115	190	126	286	83	106	25	364	52	322	100
\$80 to \$99	3 099	183	418	390	467	86	174	40	740	41	453	107
\$100 to \$119	2 274	263	541	250	256	67	114	12	471	24	232	44
\$120 to \$149	1 258	130	200	162	147	26	129	16	277	31	104	36
\$150 to \$199	309	26	66	36	51	-	21	-	77	16	16	-
\$200 to \$299	30	7	-	10	3	-	-	-	10	-	-	-
\$300 or more	-	-	-	-	-	-	-	-	-	-	-	-
No cash rent	283	4	20	7	65	18	6	8	18	24	72	41
GROSS RENT AS PERCENTAGE OF INCOME BY INCOME												
Specified renter occupied ²	14 169	875	1 656	1 178	1 601	603	740	181	3 518	406	2 267	1 144
Less than \$5,000	8 740	438	362	275	644	484	414	145	2 688	323	1 867	1 100
Less than 20 percent	1 164	59	57	54	83	81	87	11	422	35	215	60
20 to 24 percent	1 116	60	67	32	119	100	42	15	364	30	234	53
25 to 34 percent	1 823	106	128	124	162	50	62	27	627	57	330	150
35 percent or more	3 969	200	91	65	244	219	185	84	1 124	167	910	680
Not computed	668	13	19	-	36	34	38	8	151	34	178	157
\$5,000 to \$9,999	4 296	374	967	693	719	83	264	26	709	83	346	32
Less than 20 percent	2 923	221	664	456	564	55	164	13	481	60	219	26
20 to 24 percent	857	90	213	167	89	10	48	13	129	7	85	6
25 to 34 percent	425	63	73	63	51	10	48	-	85	5	27	-
35 percent or more	30	-	10	-	6	-	4	-	10	-	-	-
Not computed	61	-	7	-	8	-	-	-	4	-	15	-
\$10,000 to \$14,999	910	53	296	177	176	15	41	10	97	-	39	6
Less than 20 percent	878	53	287	177	153	15	41	10	97	-	39	6
20 to 24 percent	7	-	4	-	3	-	-	-	-	-	-	-
25 percent or more	-	-	-	-	-	-	-	-	-	-	-	-
Not computed	25	-	5	-	20	-	-	-	-	-	-	-
\$15,000 or more	223	10	31	33	62	21	21	-	24	-	15	6
Less than 20 percent	207	10	31	33	52	21	15	-	24	-	15	6
20 to 24 percent	-	-	-	-	-	-	-	-	-	-	-	-
25 percent or more	-	-	-	-	-	-	-	-	-	-	-	-
Not computed	16	-	-	-	10	-	6	-	-	-	-	-

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 B-18. Persons in Owner and Renter Occupied 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]

Nashville-Davidson										
	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons or more	Median
Owner occupied housing units	9 585	1 099	2 593	1 708	1 234	1 070	795	609	477	3.1
BEDROOMS										
None and 1	719	318	189	41	23	17	41	-	90	1.7
2	3 407	520	1 533	624	355	119	129	69	58	2.3
3	4 011	268	562	868	740	576	459	307	231	3.9
4 or more	1 463	37	107	244	257	192	162	267	197	5.0
YEAR STRUCTURE BUILT										
1969 to March 1970	254	17	48	96	36	33	15	-	9	3.1
1965 to 1968	1 064	76	225	198	233	136	120	35	41	3.6
1960 to 1964	944	67	216	175	142	130	90	50	74	3.6
1950 to 1959	2 210	202	621	426	284	225	171	154	127	3.2
1940 to 1949	1 605	194	471	201	161	229	122	129	98	3.2
1939 or earlier	3 508	543	1 012	612	378	317	277	241	128	2.8
UNITS IN STRUCTURE										
1	8 875	938	2 393	1 609	1 148	1 004	739	586	458	3.2
2 or more	639	151	183	96	71	50	46	23	19	2.4
Mobile home or trailer	71	10	17	3	15	16	10	-	-	...
COMPLETE BATHROOMS										
1 and 1 1/2	7 785	855	2 245	1 416	948	849	636	475	361	3.1
2 and 2 1/2	994	90	186	172	173	184	107	40	42	3.8
3 or more	103	13	4	19	14	24	14	13	-	...
None or also used by another household	664	158	200	63	67	50	27	79	20	2.4
HOUSEHOLD COMPOSITION										
Two-or-more-person households	8 486		2 593	1 708	1 234	1 070	795	609	477	3.5
Male head, wife present, no nonrelatives	6 368		1 787	1 192	999	881	622	515	372	3.7
Under 25 years	143		25	47	32	10	9	16	4	3.5
25 to 34 years	891		55	145	242	174	130	84	61	4.8
35 to 44 years	1 490		174	225	262	221	199	146	146	3.3
45 to 64 years	2 853		943	603	410	355	242	171	129	2.3
65 years and over	991		590	172	53	79	20	45	32	2.8
Other male head	463		203	104	45	32	41	25	13	2.9
Under 65 years	319		132	77	23	32	35	15	5	2.5
65 years and over	144		71	27	22	6	10	8	8	3.0
Female head	1 655		603	412	190	157	132	69	92	3.2
Under 65 years	1 128		348	298	129	112	104	60	77	3.2
65 years and over	527		255	114	61	45	28	9	15	2.6
One-person households	1 099	1 099								1.0
VALUE-INCOME RATIO										
Specified owner-occupied	8 441	895	2 264	1 527	1 099	960	710	555	431	3.2
Less than 1.5	3 469	84	648	674	595	433	408	361	266	4.1
1.5 to 1.9	1 424	89	340	286	193	236	124	84	72	3.5
2.0 to 2.4	845	63	307	130	83	119	76	27	40	2.9
2.5 to 2.9	623	70	242	132	58	55	28	23	15	2.5
3.0 to 3.9	508	64	199	73	70	31	32	23	16	2.5
4.0 or more	1 461	468	494	218	100	80	42	37	22	2.0
Not computed	111	57	34	14	-	6	-	-	-	1.5
Renter occupied housing units	14 615	3 470	3 676	2 393	1 683	1 171	805	915	502	2.6
BEDROOMS										
None	228	188	21	19	-	-	-	-	-	...
1	4 106	2 262	1 009	444	194	99	36	18	44	1.4
2	7 004	1 017	1 984	1 564	1 265	559	209	261	145	2.8
3 or more	3 215	132	319	356	450	518	441	598	401	5.2
YEAR STRUCTURE BUILT										
1969 to March 1970	841	135	260	118	139	78	20	74	17	2.7
1965 to 1968	1 542	299	385	380	205	135	44	54	40	2.7
1960 to 1964	1 778	373	553	289	226	120	104	72	41	2.4
1950 to 1959	3 538	687	682	620	415	362	265	346	161	3.1
1940 to 1949	2 316	651	536	367	291	178	98	138	57	2.4
1939 or earlier	4 600	1 325	1 260	619	407	298	274	231	186	2.3
UNITS IN STRUCTURE										
1	5 668	1 072	1 328	948	642	468	418	483	309	3.0
2	2 045	640	510	366	209	151	71	48	50	2.3
3 and 4	2 285	560	634	382	296	166	93	114	40	2.4
5 to 9	1 862	424	487	289	250	183	78	126	25	2.6
10 to 19	1 520	386	408	240	177	123	71	80	35	2.4
20 or more	1 198	377	309	168	99	76	70	56	43	2.2
Mobile home or trailer	37	11	-	-	10	4	4	8	-	...
COMPLETE BATHROOMS										
1 and 1 1/2	12 764	2 824	3 306	2 204	1 432	1 082	724	789	403	2.6
2 or more	255	41	32	40	24	23	31	46	18	4.1
None or also used by another household	1 630	627	385	152	139	68	79	116	64	2.0
HOUSEHOLD COMPOSITION										
Two-or-more-person households	11 145		3 676	2 393	1 683	1 171	805	915	502	3.3
Male head, wife present, no nonrelatives	6 112		1 936	1 353	926	638	420	520	319	3.3
Under 25 years	905		293	316	166	78	26	15	11	3.0
25 to 34 years	1 706		372	413	382	248	146	41	41	3.7
35 to 44 years	1 208		186	160	147	170	152	241	152	5.2
45 to 64 years	1 646		666	336	199	105	124	110	106	3.0
65 years and over	647		419	128	32	37	14	8	9	2.3
Other male head	965		498	176	126	57	39	42	27	2.5
Under 65 years	779		376	131	111	57	39	38	27	2.6
65 years and over	186		122	45	15	-	4	-	-	2.3
Female head	4 068		1 242	864	631	476	346	353	156	3.4
Under 65 years	3 635		974	783	589	467	328	342	152	3.6
65 years and over	433		268	81	42	9	18	11	4	2.3
One-person households	3 470	3 470								1.0
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied	14 149	3 411	3 527	2 328	1 642	1 149	779	880	453	2.6
Less than 10 percent	900	84	204	150	136	115	79	80	52	3.6
10 to 14 percent	1 963	190	477	434	295	191	167	149	60	3.2
15 to 19 percent	2 309	312	570	354	327	248	221	104	60	3.3
20 to 24 percent	1 980	378	512	367	246	174	87	139	77	2.8
25 to 34 percent	2 248	507	556	376	273	197	117	115	107	2.7
35 percent or more	3 999	1 590	1 023	539	340	198	121	157	31	1.9
Not computed	770	350	185	108	25	26	35	19	22	1.7

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

Excludes one-family homes on 10 acres or more.

Appendix A.—AREA CLASSIFICATIONS

USUAL PLACE OF RESIDENCE . . .	App-1
COUNTIES	App-1
PLACES	App-1
STANDARD METROPOLITAN STATISTICAL AREAS	App-1

USUAL PLACE OF RESIDENCE

In accordance with census practice dating back to 1790, each person enumerated in the 1970 census was counted as an inhabitant of his usual place of residence, which is generally construed to mean the place where he lives and sleeps most of the time. This place is not necessarily the same as his legal residence, voting residence, or domicile. In the vast majority of cases, however, the use of these different bases of classification would produce substantially the same statistics although there may be appreciable differences for a few areas.

The implementation of this practice has resulted in the establishing of residence rules for certain categories of persons whose usual place of residence is not immediately clear. Furthermore, this practice means that persons were not always counted as residents of the place where they happened to be found by the census enumerators. Persons without a usual place of residence were, however, counted where they were enumerated. Detailed information on residence rules is given in the 1970 Population Census PC(1)-A reports.

COUNTIES

The primary divisions of the States are, in general, termed counties, but in Louisiana these divisions are known as parishes. There are no counties in Alaska; in this State, statistical areas called census divisions were developed

for general statistical purposes through the cooperation of the State and the Census Bureau and are treated as county equivalents. In four States (Maryland, Missouri, Nevada, and Virginia), there are one or more cities which are independent of any county organization and thus constitute primary divisions of their States.

PLACES

Two types of places are recognized in the census reports, incorporated places and unincorporated places. Incorporated places are political units incorporated as cities, boroughs, towns, and villages except for (a) boroughs in Alaska and (b) towns in the New England States, New York, and Wisconsin. Unincorporated places are closely settled population centers without corporate limits for which the Census Bureau has delineated boundaries. Each place so delineated possesses a definite nucleus of residences and has its boundaries drawn to include, if feasible, all the surrounding closely settled area. Unincorporated places are identified with the letter "U."

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. 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.

The figures for central cities shown in this report may differ from those shown in the Housing Census HC(1)-A and HC(1)-B reports. In those reports, if a central city of an SMSA is an extended city (so designated because it has extended its boundaries to include territory essentially rural in character), the figures shown for the central city were restricted to the urban portion of the city. In addition, parts of central cities outside the SMSA boundaries were excluded from the central city tabulations. In this report, however, figures for central cities refer to the entire population and housing within the legal city boundaries, including any rural parts of the city or parts outside the SMSA

Appendix B.—DEFINITIONS AND EXPLANATIONS OF SUBJECT CHARACTERISTICS

GENERAL	App-2	Gross rent	App-8
Self-enumeration and census questionnaire	App-2	Rent asked	App-8
Comparability with 1960 data ..	App-2	Value-income ratio	App-8
LIVING QUARTERS	App-3	Gross rent as percentage of income	App-8
Housing units	App-3	HOUSEHOLD CHARACTERISTICS	App-8
Group quarters	App-3	Head of household	App-8
Rules for mobile homes, hotels, rooming houses, etc.	App-3	Household composition	App-8
Institutions	App-4	Nonrelative	App-9
OCCUPANCY AND VACANCY CHARACTERISTICS	App-4	Family or primary individual ...	App-9
Occupied housing units	App-4	Income in 1969	App-9
Race	App-4	FACSIMILES	App-10
Spanish heritage	App-4	Housing Pages in the 1970 Census Questionnaires	App-10
Tenure	App-4	Respondent Instructions for the Housing Questions in the 1970 Census	App-13
Year moved into unit	App-4	GENERAL	
Vacant housing units	App-4	Self-enumeration and census questionnaire. —As stated in the introductory text of this report, the 1970 census was conducted primarily through self-enumeration. Furthermore, census takers were instructed to read the questions directly from the questionnaire in their telephone and personal visit interviews. The questionnaire pages containing the housing questions asked on a 100-percent basis and the additional questions asked on a sample basis, as well as the page of the respondent instruction sheet which relates to these questions, are reproduced on pages App-10 to App-13. The definitions and explanations given below for each subject are, to a considerable extent, drawn from various technical and procedural materials used in the collection of the data. This material helped the enumerative personnel to understand more fully the intent of each question and thus to resolve problem or unusual cases. Also included is certain explanatory information to assist the user in the proper utilization of the statistics.	
Vacancy status	App-5		
Duration of vacancy	App-5		
UTILIZATION CHARACTERISTICS	App-5		
Persons	App-5		
Rooms	App-5		
Persons per room	App-5		
Bedrooms	App-5		
STRUCTURAL AND PLUMBING CHARACTERISTICS	App-5		
Direct access	App-5		
Complete kitchen facilities	App-5		
Year structure built	App-6		
Units in structure	App-6		
Elevator in structure	App-6		
Plumbing facilities	App-6		
Complete bathrooms	App-6		
EQUIPMENT, FUELS, AND APPLIANCES	App-6		
Heating equipment	App-6		
Air conditioning	App-7		
Automobiles available	App-7		
Automatic clothes washing machine	App-7		
Clothes dryer	App-7		
Dishwasher	App-7		
Home food freezer	App-7		
Owned second home	App-7		
FINANCIAL CHARACTERISTICS	App-7		
Value	App-7		
Sales price asked	App-7		

Comparability with 1960 data.—Although the 1970 data are generally comparable with the data collected in 1960, certain changes have been introduced. The 1960 inquiry regarding owner occupancy has been subdivided to show a separate category for cooperatives and condominiums in 1970. The 1960 question on cooking equipment was broadened in 1970 to cover "complete kitchen facilities"; i.e., an installed sink with piped water, a range or cookstove, and a mechanical refrigerator. On the other hand, the 1960 question on condition of housing unit (i.e., sound, deteriorating, or dilapidated) was eliminated because of serious problems with response reliability.

Items which were added to the 1970 questionnaire are dishwasher and owned second home. The 1960 inquiry on television has been subdivided to provide separate information on television sets which can receive UHF broadcasts. The 1970 inquiry on radios is limited to battery-operated sets including car radios, whereas the 1960 inquiry covered radio sets of all kinds located in the unit. Data on television sets and radios are not given in this report; statistics on these appliances, however, are presented in the 1970 Housing Census, HC(1)-B reports.

There have also been changes in the scope of some of the tabulations. The tabulations on value and contract rent refer to slightly different sets of housing units in 1970 than in 1960. Summarized generally, the difference is that the 1970 data exclude units on places of 10 acres or more whereas the 1960 data exclude units on farms; more specific information can be obtained by comparing the value and rent definitions in the present report with those in 1960 Housing Census Volume I.

Data on elevator in structure were collected for all geographic areas in 1970. In 1960, statistics on elevator in structure were collected only for large places; that is, places which had a population of 50,000 or more in 1950 or in an interim census.

Separate data on a number of subjects are presented for occupied units with Negro head of household. In 1960, this type of tabulation related to the total of all household heads other than white; Negro household heads constituted 95 percent of this total in 1960 for the Nation as a whole, but this proportion varied widely among areas.

Separate data are also shown in this report for housing units occupied by heads of Spanish heritage, that is, household heads of Spanish language or Spanish surname in five Southwestern States (Arizona, California, Colorado, New Mexico, and Texas), heads of Puerto Rican birth or parentage in New York, New Jersey, and Pennsylvania, and heads of Spanish language in all other States. In 1960, household heads of Spanish surname were identified in the five Southwestern States and Puerto Rican heads of households were identified in all other States. More information on the 1970 definition is given in this report and in the 1970 Population Census Series PC(1)-C reports; the 1960 definition is more fully explained in the 1960 Census of Housing Volume I reports.

LIVING QUARTERS

Living quarters are classified in the census as either housing units or group quarters. Usually, living quarters are in structures intended for residential use (e.g., a one-family home, apartment house, hotel or motel, boarding house,

mobile home or trailer, 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.

Housing units.—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 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 unrelated persons who share living arrangements (except as described in the section on group quarters). For vacant units, the criteria of separateness, direct access, and complete kitchen facilities for exclusive use are applied to the intended occupants, whenever possible. If the information cannot be obtained, the criteria are applied to the previous occupants. Both occupied and vacant housing units are included in the housing inventory, except that mobile homes, trailers, tents, caves, boats, railroad cars, and the like, are included only if they are occupied.

Group quarters.—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, mona-

steries, 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.

Rules for mobile homes, hotels, rooming houses, etc.—Mobile homes or trailers, tents, boats, or railroad cars are not enumerated if vacant, used only for business, or used only for vacations.

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

If any of the occupants in a rooming or boarding house live and eat separately from everyone else in the building and have either direct access or complete kitchen facilities for exclusive use, their quarters are classified as separate housing units. The remaining quarters are combined. If the combined quarters contain four or fewer roomers unrelated to the head, they are classified as one housing unit; if the combined quarters contain five or more roomers unrelated to the head or person in charge, they are classified as group quarters. In a dormitory, residence hall, or similar place, living quarters of the supervisory staff and other employees are separate housing units if they satisfy the housing unit

criteria; other living quarters are considered group quarters.

Institutions.—Living quarters of staff personnel are separate housing units if they satisfy the housing unit criteria. Other living quarters are considered group quarters.

OCCUPANCY AND VACANCY CHARACTERISTICS

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.

A household consists of all the persons who occupy a housing unit. By definition, therefore, the count of occupied housing units is the same as the count of households in the 1970 Census of Population reports. In some cases, however, there may be small differences in the counts resulting from processing procedures.

Race.—The classification by race shown here refers to the race of the head of the household occupying the housing unit. Detailed characteristics of units with Negro head of household are presented in separate tables for SMSA's, cities or places having a Negro population of 25,000 or more. The concept of race as used by the Census Bureau does not denote clear-cut scientific definitions of biological stock. The data represent essentially self-classification by people according to the race with which they identify themselves.

Spanish heritage.—The inquiries in the 1970 census permit the identification of housing units occupied by heads of Spanish heritage by various means: birthplace, birthplace of parents, language, and surname. The specific types of identification are given below. A more detailed explanation is given in the 1970 Population Census PC(1)-C reports.

Puerto Rican birth or parentage.—Household heads of Puerto Rican birth or parentage are identified in the three Middle Atlantic States: New York, New Jersey, and Pennsylvania.

Spanish language or Spanish surname.—In five Southwestern States—Arizona, California, Colorado, New Mexico, and Texas—household heads of Spanish language or Spanish surname are identified. (A household head is classified as of Spanish language if the head or his wife reported Spanish as his or her mother tongue, i.e., the language spoken at home when the person was a child.)

Spanish language.—In all other States and the District of Columbia, household heads of Spanish language (as defined above) are identified.

Detailed characteristics of units with heads of Spanish heritage are presented in separate tables for SMSA's, cities or places having a population of 25,000 or more for the particular Spanish-heritage group.

Tenure.—(See facsimiles of questionnaire item H9 and instructions on pages App-10 and App-13.) 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 occupied" 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.

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, the year of his latest move was to be reported; if he moved from one apartment to another in the same building, the year he moved into his present unit was to be reported. The intent is to establish the year the present occupancy by the head began. The year the head moves is not necessarily the same year other members of the household move, although in the great majority of cases the entire household moves at the same time.

Vacant housing units.—A housing unit is vacant if no one is living in it at the time of enumeration, unless its occupants are only temporarily absent. 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 classified as vacant housing units if construction has reached a point where all exterior windows and doors are installed and final usable floors are in place. Vacant units are excluded if unfit for human habitation; that is, if 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. Also

excluded are quarters being used entirely for nonresidential purposes, such as a store or an office, or quarters used for the storage of business supplies or inventory, machinery, or agricultural products.

Vacancy status.—(See facsimile of questionnaire item C on page App-10.) Vacant housing units are classified as either "seasonal and migratory" or "year-round." "Seasonal" units are intended for occupancy during only certain seasons of the year. Included are units intended for recreational use, such as beach cottages and hunting cabins, and vacant units held for herders and loggers. "Migratory" units are vacant units held for occupancy by migratory labor employed in farm work during the crop season. "Year-round" vacant housing units are available or intended for occupancy at any time of the year. A unit in a resort area which is usually occupied on a year-round basis is considered year-round. A unit used only occasionally throughout the year is also considered year-round.

This report presents statistics for "year-round" vacant units on the market for sale or for rent. Excluded are "seasonal and migratory" vacant units, as well as "year-round" vacant 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 held off the market for other reasons.

Vacant for sale.—Vacant year-round units "for sale" also include vacant units in a cooperative or condominium building if the individual units are offered for sale only.

Vacant for rent.—Vacant year-round units "for rent" also include vacant units offered either for rent or for sale.

Duration of vacancy.—(See facsimile of questionnaire item D on page App-10.) The statistics on duration of vacancy refer to the length of time (in months) from the date the last occupants moved from the unit to the date of enumeration. The data, therefore, do not provide a direct measure of the total length of time units remain vacant. For newly constructed units which have never been occupied, the duration of vacancy is counted from the date construction was completed. For recently converted or merged units, the time is reported from the date conversion or merger was completed.

UTILIZATION CHARACTERISTICS

Persons.—All persons occupying the housing unit are counted. These persons 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 servants who live in, companions, partners, etc.

Rooms.—(See facsimiles of questionnaire item H4 and instructions on pages App-10 and App-13.) The statistics on "rooms" are in terms of the number of housing units with specified number of rooms. The intent of this question was to count the number of whole rooms used for living purposes. As stated on the questionnaire and instruction sheet, bathrooms, foyers,

utility rooms, unfinished attics or basements, etc., are not included in the count of rooms.

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

Bedrooms.—(See facsimile of questionnaire item H26 on page App-12.) The number of bedrooms in the unit is the count of rooms used mainly for sleeping, even if also used for other purposes. Rooms reserved for sleeping such as guest rooms, even though used infrequently, are counted as bedrooms. On the other hand, rooms used mainly for other purposes, even though used also for sleeping, such as a living room with a hideaway bed, are not considered bedrooms. A housing unit consisting of only one room, such as one-room efficiency apartment, is classified, by definition, as having no bedroom.

STRUCTURAL AND PLUMBING CHARACTERISTICS

Direct access.—(See facsimiles of questionnaire item H2 and instructions on pages App-10 and App-13.) A housing unit is regarded as having direct access if there is (1) a direct entrance from the outdoors, or (2) an entrance from a hall, lobby, or vestibule which is usually used by the occupants of more than one unit or by the general public.

Complete kitchen facilities.—(See facsimiles of questionnaire item H3 and instructions on pages App-10 and App-13.) A unit has complete kitchen facilities when it has all three of the

following: (1) an installed sink with piped water, (2) a range or cookstove, and (3) a mechanical refrigerator.

All kitchen facilities must be located in the structure. They need not be in the same room. Quarters with only portable cooking equipment are not considered as having a range or cookstove. An icebox is not included as a mechanical refrigerator.

The kitchen facilities are for the exclusive use of the occupants (shown on the questionnaire as "for this household only") when they are used only by the occupants of one housing unit, including lodgers or other unrelated persons living in the unit. When a structure consists of only one housing unit, all equipment located inside the structure is classified, by definition, for exclusive use.

Year structure built.—(See facsimile of questionnaire item H15 on page App-11.) Year structure built refers to when the building was first constructed, not when it was remodeled, added to, or converted. The figures relate to the number of units in structures built during the specified periods and in existence at the time of enumeration.

Units in structure.—(See facsimiles of questionnaire item H16 and instructions on pages App-11 and App-13.) 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 type and 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. Structures containing

only one housing unit are further classified as detached or attached (as explained on the questionnaire and instruction sheet).

Mobile homes and trailers are shown as a separate category. When one or more rooms have been added to a mobile home or trailer it is classified as a one-family house. If, however, only a porch or shed has been added, it is still counted as a mobile home or trailer.

The data on units in structure shown in this report may differ from the comparable figures in the HC(1)-A report. The answers to item H16 on the sample questionnaire made it possible in the HC(2) tabulations to correctly classify as mobile homes or trailers those which were incorrectly classified as one-family houses or as housing units in multiunit structures in the HC(1)-A tabulations.

Elevator in structure.—(See facsimiles of questionnaire item H24 and instructions on pages App-12 and App-13.) Statistics on elevator in structure are presented in terms of the number of housing units in structures with four stories or more which have a passenger elevator. Units are in a "walk-up" structure of four stories or more if the structure has no passenger elevator or if the only elevator service is for freight.

Plumbing facilities.—(See facsimiles of questionnaire items H5, H6, and H7 and instructions on pages App-10 and App-13.) The category "with all plumbing facilities" consists of units which have hot and cold piped water inside the structure 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 facilities" 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.

Complete bathrooms.—(See facsimile of questionnaire item H21 on page App-11.) A housing unit is classified as having a complete bathroom if it has a room with a flush toilet and bathtub or shower for the exclusive use of the occupants of the unit and a wash basin, as well as piped hot water in the structure. (Although the instructions on the questionnaire do not specify that a complete bathroom must have hot water, this requirement was applied during the processing of the data in an edit combining the items on complete bathrooms and piped water in structure.) A half bathroom has either a flush toilet or a bathtub or shower for exclusive use, but does not have all the facilities for a complete bathroom.

The category "none or also used by another household" consists of units with no bathroom facilities, units with only a half bathroom, and units with bathroom facilities which are also for the use of the occupants of other housing units.

EQUIPMENT, FUELS, AND APPLIANCES

Heating equipment.—(See facsimiles of questionnaire item H14 and instructions on pages App-11 and App-13.) "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 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.

For vacant units from which the heating equipment had been removed, the equipment used by the last occupants was to be reported.

Air conditioning.—(See facsimiles of questionnaire item H22 and instructions on pages App-11 and App-13.) Air conditioning is defined as the cooling of air by a refrigeration unit; excluded are evaporative coolers, fans, or blowers which are not connected to a refrigeration unit. A central system is a central installation which air-conditions the entire housing unit. In an apartment building, a central system may cool all apartments in the building, each apartment may have its own central system, or there may be several systems, each providing central air conditioning for a group of apartments. A central installation with individual room controls is a central air-conditioning system. A room unit is an individual air conditioner which is installed in a window or an outside wall and is generally intended to cool one room, although it may sometimes be used to cool more than one room.

Automobiles available.—(See facsimiles of questionnaire item H23 and instructions on pages App-11 and App-13.) 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. The figures include leased automobiles and company-owned automobiles kept at home. The statistics, therefore, do not reflect the number of automobiles privately owned or the number of households owning automobiles.

Appliances.—(See facsimiles of questionnaire items H27 and instructions on pages App-12 and App-13.)

Automatic clothes washing machine.—This category describes a machine that washes, rinses, and damp dries in the same tub; washer-dryer combinations are included in this group.

Clothes dryer.—A clothes dryer is a mechanical appliance in which clothes are dried by heated air. A unit with a washer-dryer combination is classified as having a clothes dryer (as well as an automatic clothes washing machine.)

Dishwasher.—This category includes both built-in and portable dishwashers.

Home food freezer.—A home food freezer is an appliance, separate from the refrigerator, designed for freezing food and for storing frozen food.

Owned second home.—(See facsimiles of questionnaire item H30 and instructions on pages App-12 and App-13.) A second home may be a single-family house, vacation cottage, hunting cabin, ski lodge, etc., which is owned and held for use sometime during the year by the owner or members of his household. Second homes may also be owned in partnership with members of a different household. The figures include second homes which are some-

times rented or leased on a short-term basis to other persons but are principally held for the owner's occasional use during the year.

The statistics refer to the number of households that own (one or more) second homes. The data, therefore, do not reflect the number of owned second homes.

FINANCIAL CHARACTERISTICS

Value.—(See facsimiles of questionnaire item H11 and instructions on pages App-10 and App-13.) Value is the respondent's estimate of how much the property (house and lot) would sell for if it were for sale. The statistics on value are shown only for one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The value tabulations also exclude mobile homes and trailers and units in cooperatives and condominiums.

As stated in the section on "units in structure," certain mobile homes and trailers were incorrectly classified as one-family houses in the HC(1)-A tabulations. In the HC(2) reports, the number of specified owner-occupied (one-family) units and the value tabulations correctly exclude the misclassified mobile homes and trailers; these tend to be at the lower end of the value distribution. As a result, the data on value shown in this report may differ from the comparable statistics in the HC(1)-A report.

Sales price asked.—For vacant units, the sales price is the amount asked for the property at the time of enumeration. The statistics on sales price are shown only for vacant for sale one-family houses on less than 10 acres without a commercial establishment or medical office on the property.

Gross rent.—(See facsimiles of questionnaire items H12 and H13 and instructions on pages App-10, 11, and 13.) The computed rent termed "gross rent" is the contract rent plus the estimated average monthly cost of utilities (electricity, gas, water) and fuels (oil, coal, kerosene, wood, etc.), if these items are paid for by the renter (or paid for him by someone else, such as a relative, welfare agency, or friend) in addition to rent. Contract rent is the monthly rent agreed to, or contracted for, regardless of any furnishings, utilities, or services that may be included. Thus, gross rent is intended to eliminate differentials which result from varying practices with respect to the inclusion of utilities and fuel as part of the rental payment. The estimated costs of water and fuels are reported on a yearly basis but they are converted to monthly figures in the computation process.

The statistics on rent 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.

Rent asked.—For vacant units, the rent is the amount asked for the unit at the time of enumeration. The data are for vacant year-round units for rent, excluding one-family houses on ten acres or more. In table 10, data are provided for two kinds of vacant-for-rent units—those for which the rent includes payment for all utilities and fuel, and those for which the rent includes only some or none of the utilities and fuel. See section on "Gross rent" above for discussion of utilities and fuel.

Value-income ratio.—The value-income ratio is computed by dividing the value

of the housing unit by the total income in 1969 of the family or primary individual. The ratio is presented for the same owner-occupied units for which value was tabulated; thus, the statistics on value-income ratio reflect the exclusion of certain owner-occupied units. The ratio was computed separately for each unit and was rounded to the nearest tenth. In reporting value, respondents were asked to select an appropriate class interval. The midpoints of the value intervals were used in the computation of the value-income ratio, except that a mean of \$3,500 was assigned for values less than \$5,000 and a mean of \$60,000 was assigned for values of \$50,000 or more. For income, the dollar amounts were used. Units occupied by families or primary individuals who reported no income or a net loss comprise the category "not computed."

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 is presented for the same renter-occupied units for which gross rent was tabulated; thus, the statistics on gross rent as percentage of income reflect the exclusion of certain renter-occupied units. The percentage was computed separately for each unit and was rounded to the nearest whole number. For gross rent, the dollar amounts were used in the computation except that \$999 was assigned for monthly rentals of \$1,000 or more. For income, the dollar amounts were used. Units for which no cash rent is paid and units occupied by families or primary individuals who reported no income or a net loss comprise the category "not computed."

HOUSEHOLD CHARACTERISTICS

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 is reported as the head, her husband was considered the head for the purpose of simplifying the tabulations.

Household composition.—Statistics by age of head are presented separately for two-or-more person households and for one-person households. Households having two or more persons are further subdivided as follows:

Male head, wife present, no non-relatives.—Each household in this group consists of the head and his wife, and other persons, if any, all of whom are related to him.

Other male head.—This category includes households with male head, wife present, with non-relatives living with them; male heads who are married, but with wife absent because of separation or other reason where husband and wife maintain separate residences; and male heads who are widowed, divorced, or single.

Female head.—This group comprises households with female heads regardless of their marital status. Included are female heads with no spouse and female heads whose husbands are living away from their families, as for example, husbands in the Armed Forces living on military installations.

Households consisting of only one person are shown separately as "one-person households" and are not included in the subcategories "other male head" and "female head."

Nonrelative.—A nonrelative of the head is any person in the household who is 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.

Family or primary individual.—Housing units are occupied by either "families" or "primary individuals." The term "family" refers to the head of a household and all (one or more) other persons living in the same household who are related to the head by blood, marriage, or adoption. If the head lives alone or with nonrelatives only, then the head is considered a "primary individual."

Married couples related to the head of a family are included in the family and are not considered as separate families. A lodger, servant, or other person unrelated to the head is considered a member of the household but not of the family.

In the statistics on household composition, families are always included in one of the three major groups of two-or-more person households. Primary individuals with nonrelatives living with them are tabulated as "other male head" or "female head." Primary individuals living alone are always tabulated as "one-person households."

Income in 1969.—Income is the sum of the amounts reported for wage and salary income, 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 received before deductions for personal income taxes, Social Security, bond purchases, union dues, health insurance premiums, Medicare deductions, etc.

In this report, the statistics relate to the income of the family or primary individual occupying the housing unit; that is, the sum of the income of the head of the family and all other members of the family 14 years old and over or the income of the primary individual. Incomes of persons living in the unit but not related to the head of the household are not included in this sum. Although the income statistics cover the calendar year 1969, the characteristics of the household refer to the time of enumeration (April 1970). Thus, the income of the family does not include amounts received by persons who were members of the family during all or part of the calendar year 1969 if these persons no longer resided with the family at the time of the census. On the other hand, family income includes amounts reported by related persons who did not reside with the family during 1969 but who were members of the family at the time of enumeration. For most families, however, the income reported was received by persons who were members of the family throughout 1969.

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. Net self-employment income is defined as net money income (gross receipts minus operating expenses) received from a business, farm, professional enterprise, or partnership in which the person was engaged on his own account.

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. Cash receipt of retire-

ment, 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 not included.

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. (A more detailed discussion of income is given in the 1970 Population Census, PC(1)-C reports.)

APPENDIX B—Continued

FACSIMILES OF THE HOUSING PAGES IN THE 1970 CENSUS QUESTIONNAIRES
(Questions on this page appeared on both the 15-percent and 5-percent questionnaires)

<p>A. How many living quarters, occupied and vacant, are at this address?</p> <p> <input type="radio"/> One <input type="radio"/> 2 apartments or living quarters <input type="radio"/> 3 apartments or living quarters <input type="radio"/> 4 apartments or living quarters <input type="radio"/> 5 apartments or living quarters <input type="radio"/> 6 apartments or living quarters <input type="radio"/> 7 apartments or living quarters <input type="radio"/> 8 apartments or living quarters <input type="radio"/> 9 apartments or living quarters <input type="radio"/> 10 or more apartments or living quarters <input type="radio"/> This is a mobile home or trailer </p> <p style="text-align: center;"><i>Answer these questions for your living quarters</i></p> <p>H1. Is there a telephone on which people in your living quarters can be called?</p> <p> <input type="radio"/> Yes — What is the number? _____ <i>Phone number</i> </p> <p>H2. Do you enter your living quarters—</p> <p> <input type="radio"/> Directly from the outside or through a common or public hall? <input type="radio"/> Through someone else's living quarters? </p> <p>H3. Do you have complete kitchen facilities? Complete kitchen facilities are a sink with piped water, a range or cook stove, and a refrigerator.</p> <p> <input type="radio"/> Yes, for this household only <input type="radio"/> Yes, but also used by another household <input type="radio"/> No complete kitchen facilities for this household </p> <p>H4. How many rooms do you have in your living quarters? Do not count bathtrooms, porches, balconies, foyers, halls, or half-rooms.</p> <p> <input type="radio"/> 1 room <input type="radio"/> 6 rooms <input type="radio"/> 2 rooms <input type="radio"/> 7 rooms <input type="radio"/> 3 rooms <input type="radio"/> 8 rooms <input type="radio"/> 4 rooms <input type="radio"/> 9 rooms or more <input type="radio"/> 5 rooms </p> <p>H5. Is there hot and cold piped water in this building?</p> <p> <input type="radio"/> Yes, hot and cold piped water in this building <input type="radio"/> No, only cold piped water in this building <input type="radio"/> No piped water in this building </p> <p>H6. Do you have a flush toilet?</p> <p> <input type="radio"/> Yes, for this household only <input type="radio"/> Yes, but also used by another household <input type="radio"/> No flush toilet </p> <p>H7. Do you have a bathtub or shower?</p> <p> <input type="radio"/> Yes, for this household only <input type="radio"/> Yes, but also used by another household <input type="radio"/> No bathtub or shower </p> <p>H8. Is there a basement in this building?</p> <p> <input type="radio"/> Yes <input type="radio"/> No, built on a concrete slab <input type="radio"/> No, built in another way (include mobile homes and trailers) </p>	<p>H9. Are your living quarters—</p> <p> <input type="radio"/> Owned or being bought by you or by someone else in this household? Do not include cooperatives and condominiums here. <input type="radio"/> A cooperative or condominium which is owned or being bought by you or by someone else in this household? <input type="radio"/> Rented for cash rent? <input type="radio"/> Occupied without payment of cash rent? </p> <p>H10a. Is this building a one-family house?</p> <p> <input type="radio"/> Yes, a one-family house <input type="radio"/> No, a building for 2 or more families or a mobile home or trailer </p> <p>b. If "Yes"—Is this house on a place of 10 acres or more, or is any part of this property used as a commercial establishment or medical office?</p> <p> <input type="radio"/> Yes, 10 acres or more <input type="radio"/> Yes, commercial establishment or medical office <input type="radio"/> No, none of the above </p> <p>H11. If you live in a one-family house which you own or are buying—What is the value of this property; that is, how much do you think this property (house and lot) would sell for if it were for sale?</p> <p> <input type="radio"/> Less than \$5,000 <input type="radio"/> \$5,000 to \$7,499 <input type="radio"/> \$7,500 to \$9,999 <input type="radio"/> \$10,000 to \$12,499 <input type="radio"/> \$12,500 to \$14,999 <input type="radio"/> \$15,000 to \$17,499 <input type="radio"/> \$17,500 to \$19,999 <input type="radio"/> \$20,000 to \$24,999 <input type="radio"/> \$25,000 to \$34,999 <input type="radio"/> \$35,000 to \$49,999 <input type="radio"/> \$50,000 or more </p> <div style="border: 1px solid black; padding: 2px; font-size: small;"> <p><i>If this house is on a place of 10 acres or more, or if any part of this property is used as a commercial establishment or medical office, do not answer this question.</i></p> </div> <p>H12. Answer this question if you pay rent for your living quarters.</p> <p>a. If rent is paid by the month—</p> <p>What is the monthly rent?</p> <p>Write amount here — \$ _____ .00 (Nearest dollar)</p> <p>and</p> <p>Fill one circle</p> <p> <input type="radio"/> Less than \$30 <input type="radio"/> \$30 to \$39 <input type="radio"/> \$40 to \$49 <input type="radio"/> \$50 to \$59 <input type="radio"/> \$60 to \$69 <input type="radio"/> \$70 to \$79 <input type="radio"/> \$80 to \$89 <input type="radio"/> \$90 to \$99 <input type="radio"/> \$100 to \$119 <input type="radio"/> \$120 to \$149 <input type="radio"/> \$150 to \$199 <input type="radio"/> \$200 to \$249 <input type="radio"/> \$250 to \$299 <input type="radio"/> \$300 or more </p> <p>b. If rent is not paid by the month—</p> <p>What is the rent, and what period of time does it cover?</p> <p>\$ _____ .00 per _____ (Nearest dollar) (Week, half-month, year, etc.)</p>	<p>FOR CENSUS ENUMERATOR'S USE ONLY</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: small;"> <thead> <tr> <th style="width: 50%;">a4. Block number</th> <th style="width: 50%;">a5. Serial number</th> </tr> </thead> <tbody> <tr><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td></tr> </tbody> </table> <p>B. Type of unit or quarters</p> <p>Occupied</p> <p> <input type="radio"/> First form <input type="radio"/> Continuation </p> <p>Vacant</p> <p> <input type="radio"/> Regular <input type="radio"/> Usual residence elsewhere <input type="radio"/> Group quarters </p> <p> <input type="radio"/> First form <input type="radio"/> Continuation </p> <p><i>For a vacant unit, also fill C, D, A, H2 to H8, and H10 to H12</i></p> <p>C. Vacancy status</p> <p>Year round—</p> <p> <input type="radio"/> For rent <input type="radio"/> For sale only <input type="radio"/> Rented or sold, not occupied <input type="radio"/> Held for occasional use <input type="radio"/> Other vacant </p> <p> <input type="radio"/> Seasonal <input type="radio"/> Migratory </p> <p>D. Months vacant</p> <p> <input type="radio"/> Less than 1 month <input type="radio"/> 1 up to 2 months <input type="radio"/> 2 up to 6 months <input type="radio"/> 6 up to 12 months <input type="radio"/> 1 year up to 2 years <input type="radio"/> 2 years or more </p> <p>C/O <input type="radio"/> <input type="radio"/></p>	a4. Block number	a5. Serial number	0	0	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8	8	9	9
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APPENDIX B—Continued

FACSIMILES OF THE HOUSING PAGES IN THE 1970 CENSUS QUESTIONNAIRES
(Percent indicates sample size)

<p>H13. Answer question H13 if you <u>pay rent</u> for your living quarters. In addition to the rent entered in H12, do you also pay for—</p> <p>a. Electricity?</p> <p><input type="radio"/> Yes, average monthly cost is → \$ _____ .00 Average monthly cost</p> <p><input type="radio"/> No, included in rent</p> <p><input type="radio"/> No, electricity not used</p> <p>b. Gas?</p> <p><input type="radio"/> Yes, average monthly cost is → \$ _____ .00 Average monthly cost</p> <p><input type="radio"/> No, included in rent</p> <p><input type="radio"/> No, gas not used</p> <p>c. Water?</p> <p><input type="radio"/> Yes, yearly cost is → \$ _____ .00 Yearly cost</p> <p><input type="radio"/> No, included in rent or no charge</p> <p>d. Oil, coal, kerosene, wood, etc.?</p> <p><input type="radio"/> Yes, yearly cost is → \$ _____ .00 Yearly cost</p> <p><input type="radio"/> No, included in rent</p> <p><input type="radio"/> No, these fuels not used</p>	<p>H19. Do you get water from—</p> <p><input type="radio"/> A public system (city water department, etc.) or private company?</p> <p><input type="radio"/> An individual well?</p> <p><input type="radio"/> Some other source (a spring, creek, river, cistern, etc.)?</p>
<p>H14. How are your living quarters heated? Fill <u>one</u> circle for the kind of heat you use most.</p> <p><input type="radio"/> Steam or hot water system</p> <p><input type="radio"/> Central warm air furnace with ducts to the individual rooms, or central heat pump</p> <p><input type="radio"/> Built-in electric units (permanently installed in wall, ceiling, or baseboard)</p> <p><input type="radio"/> Floor, wall, or pipeless furnace</p> <p><input type="radio"/> Room heaters with flue or vent, burning gas, oil, or kerosene</p> <p><input type="radio"/> Room heaters without flue or vent, burning gas, oil, or kerosene (not portable)</p> <p><input type="radio"/> Fireplaces, stoves, or portable room heaters of any kind</p> <p>In some other way—Describe → _____</p> <p><input type="radio"/> None, unit has no heating equipment</p>	<p>H20. Is this building connected to a public sewer?</p> <p><input type="radio"/> Yes, connected to public sewer</p> <p><input type="radio"/> No, connected to septic tank or cesspool</p> <p><input type="radio"/> No, use other means</p>
<p>H15. About when was this building originally built? Mark when the building was first constructed, not when it was remodeled, added to, or converted.</p> <p><input type="radio"/> 1969 or 1970 <input type="radio"/> 1950 to 1959</p> <p><input type="radio"/> 1965 to 1968 <input type="radio"/> 1940 to 1949</p> <p><input type="radio"/> 1960 to 1964 <input type="radio"/> 1939 or earlier</p>	<p>H21. How many bathrooms do you have? A complete bathroom is a room with flush toilet, bathtub or shower, and wash basin with piped water. A half bathroom has at least a flush toilet or bathtub or shower, but does <u>not</u> have all the facilities for a complete bathroom.</p> <p><input type="radio"/> No bathroom, or only a half bathroom</p> <p><input type="radio"/> 1 complete bathroom</p> <p><input type="radio"/> 1 complete bathroom, plus half bath(s)</p> <p><input type="radio"/> 2 complete bathrooms</p> <p><input type="radio"/> 2 complete bathrooms, plus half bath(s)</p> <p><input type="radio"/> 3 or more complete bathrooms</p>
<p>H16. Which best describes this building? Include all apartments, flats, etc., even if vacant.</p> <p><input type="radio"/> A one-family house detached from any other house</p> <p><input type="radio"/> A one-family house attached to one or more houses</p> <p><input type="radio"/> A building for 2 families</p> <p><input type="radio"/> A building for 3 or 4 families</p> <p><input type="radio"/> A building for 5 to 9 families</p> <p><input checked="" type="radio"/> A building for 10 to 19 families</p> <p><input type="radio"/> A building for 20 to 49 families</p> <p><input type="radio"/> A building for 50 or more families</p> <p><input type="radio"/> A mobile home or trailer</p> <p>Other— Describe _____</p>	<p>H22. Do you have air-conditioning?</p> <p><input type="radio"/> Yes, 1 individual room unit</p> <p><input type="radio"/> Yes, 2 or more individual room units</p> <p><input type="radio"/> Yes, a central air-conditioning system</p> <p><input type="radio"/> No</p>
<p>H17. Is this building—</p> <p><input type="radio"/> On a city or suburban lot?— Skip to H19</p> <p><input type="radio"/> On a place of less than 10 acres?</p> <p><input type="radio"/> On a place of 10 acres or more?</p>	<p>H23. How many passenger automobiles are owned or regularly used by members of your household? Count company cars kept at home.</p> <p><input type="radio"/> None</p> <p><input type="radio"/> 1 automobile</p> <p><input type="radio"/> 2 automobiles</p> <p><input type="radio"/> 3 automobiles or more</p>
<p>H18. Last year, 1969, did sales of crops, livestock, and other farm products from this place amount to—</p> <p><input type="radio"/> Less than \$50 (or None)</p> <p><input type="radio"/> \$50 to \$249</p> <p><input type="radio"/> \$250 to \$2,499</p> <p><input checked="" type="radio"/> \$2,500 to \$4,999</p> <p><input type="radio"/> \$5,000 to \$9,999</p> <p><input type="radio"/> \$10,000 or more</p>	

15 and 5 percent

15 percent

APPENDIX B—Continued

FACSIMILES OF THE HOUSING PAGES IN THE 1970 CENSUS QUESTIONNAIRES
(Percent indicates sample size)

<p>H13. Answer question H13 if you pay rent for your living quarters. In addition to the rent entered in H12, do you also pay for—</p> <p>a. Electricity? <input type="radio"/> Yes, average monthly cost is → \$ _____ .00 <input type="radio"/> No, included in rent <input type="radio"/> No, electricity not used <i>Average monthly cost</i></p> <p>b. Gas? <input type="radio"/> Yes, average monthly cost is → \$ _____ .00 <input type="radio"/> No, included in rent <input type="radio"/> No, gas not used <i>Average monthly cost</i></p> <p>c. Water? <input checked="" type="radio"/> Yes, yearly cost is → \$ _____ .00 <input type="radio"/> No, included in rent or no charge <i>Yearly cost</i></p> <p>d. Oil, coal, kerosene, wood, etc.? <input type="radio"/> Yes, yearly cost is → \$ _____ .00 <input type="radio"/> No, included in rent <input type="radio"/> No, these fuels not used <i>Yearly cost</i></p>	<p>H24a. How many stories (floors) are in this building? <input type="radio"/> 1 to 3 stories <input type="radio"/> 4 to 6 stories <input type="radio"/> 7 to 12 stories <input checked="" type="radio"/> 13 stories or more</p> <p>b. If 4 or more stories— Is there a passenger elevator in this building? <input type="radio"/> Yes <input type="radio"/> No</p>
<p>H14. How are your living quarters heated? Fill <u>one</u> circle for the kind of heat you use most.</p> <input type="radio"/> Steam or hot water system <input type="radio"/> Central warm air furnace with ducts to the individual rooms, or central heat pump <input checked="" type="radio"/> Built in electric units (permanently installed in wall, ceiling, or baseboard) <input type="radio"/> Floor, wall, or pipeless furnace <input type="radio"/> Room heaters with flue or vent, burning gas, oil, or kerosene <input type="radio"/> Room heaters without flue or vent, burning gas, oil, or kerosene (not portable) <input type="radio"/> Fireplaces, stoves, or portable room heaters of any kind In some other way—Describe → _____ <input type="radio"/> None, unit has no heating equipment	<p>H25a. Which fuel is used most for cooking? <input checked="" type="radio"/> Gas { From underground pipes serving the neighborhood. <input type="radio"/> Bottled, tank, or LP <input type="radio"/> Electricity <input type="radio"/> Fuel oil, kerosene, etc. <input type="radio"/> Coal or coke <input type="radio"/> Wood <input type="radio"/> Other fuel <input type="radio"/> No fuel used</p> <p>b. Which fuel is used most for house heating? <input checked="" type="radio"/> Gas { From underground pipes serving the neighborhood. <input type="radio"/> Bottled, tank, or LP <input type="radio"/> Electricity <input type="radio"/> Fuel oil, kerosene, etc. <input type="radio"/> Coal or coke <input type="radio"/> Wood <input type="radio"/> Other fuel <input type="radio"/> No fuel used</p> <p>c. Which fuel is used most for water heating? <input checked="" type="radio"/> Gas { From underground pipes serving the neighborhood. <input type="radio"/> Bottled, tank, or LP <input type="radio"/> Electricity <input type="radio"/> Fuel oil, kerosene, etc. <input type="radio"/> Coal or coke <input type="radio"/> Wood <input type="radio"/> Other fuel <input type="radio"/> No fuel used</p>
<p>H15. About when was this building originally built? Mark when the building was first constructed, not when it was remodeled, added to, or converted.</p> <input type="radio"/> 1969 or 1970 <input type="radio"/> 1965 to 1968 <input checked="" type="radio"/> 1960 to 1964 <input type="radio"/> 1950 to 1959 <input type="radio"/> 1940 to 1949 <input type="radio"/> 1939 or earlier	<p>H26. How many bedrooms do you have? Count rooms used mainly for sleeping even if used also for other purposes.</p> <input type="radio"/> No bedroom <input type="radio"/> 1 bedroom <input checked="" type="radio"/> 2 bedrooms <input type="radio"/> 3 bedrooms <input type="radio"/> 4 bedrooms <input type="radio"/> 5 bedrooms or more
<p>H16. Which best describes this building? Include all apartments, flats, etc., even if vacant.</p> <input type="radio"/> A one family house detached from any other house <input type="radio"/> A one family house attached to one or more houses <input type="radio"/> A building for 2 families <input type="radio"/> A building for 3 or 4 families <input type="radio"/> A building for 5 to 9 families <input checked="" type="radio"/> A building for 10 to 19 families <input type="radio"/> A building for 20 to 49 families <input type="radio"/> A building for 50 or more families <input type="radio"/> A mobile home or trailer Other— Describe → _____	<p>H27a. Do you have a clothes washing machine? <input type="radio"/> Yes, automatic or semi-automatic <input type="radio"/> Yes, wringer or separate spinner <input type="radio"/> No</p> <p>b. Do you have a clothes dryer? <input type="radio"/> Yes, electrically heated <input type="radio"/> Yes, gas heated <input checked="" type="radio"/> No</p> <p>c. Do you have a dishwasher (built-in or portable)? <input type="radio"/> Yes <input type="radio"/> No</p> <p>d. Do you have a home food freezer which is separate from your refrigerator? <input type="radio"/> Yes <input type="radio"/> No</p>
<p>H17. Is this building—</p> <input type="radio"/> On a city or suburban lot?—Skip to H24 <input type="radio"/> On a place of less than 10 acres? <input type="radio"/> On a place of 10 acres or more?	<p>H28a. Do you have a television set? Count only sets in working order. <input type="radio"/> Yes, one set <input type="radio"/> Yes, two or more sets <input type="radio"/> No</p> <p>b. If "Yes"—Is any set equipped to receive UHF broadcasts, that is, channels 14 to 83? <input type="radio"/> Yes <input type="radio"/> No</p>
<p>H18. Last year, 1969, did sales of crops, livestock, and other farm products from this place amount to—</p> <input type="radio"/> Less than \$50 (or None) <input type="radio"/> \$50 to \$249 <input checked="" type="radio"/> \$250 to \$2,499 <input type="radio"/> \$2,500 to \$4,999 <input type="radio"/> \$5,000 to \$9,999 <input type="radio"/> \$10,000 or more	<p>H29. Do you have a battery-operated radio? Count car radios, transistors, and other battery-operated sets in working order or needing only a new battery for operation. <input type="radio"/> Yes, one or more <input type="radio"/> No</p> <p>H30. Do you (or any member of your household) own a second home or other living quarters which you occupy sometime during the year? <input type="radio"/> Yes <input type="radio"/> No</p>

15 and 5 percent

5 percent

APPENDIX B—Continued

FACSIMILE OF THE RESPONDENT INSTRUCTIONS FOR THE HOUSING QUESTIONS IN THE 1970 CENSUS

If you live in an apartment building and you do not know the answers to questions H14, H15, H16, and H25, ask the person who runs your building (for example, the manager, rental agent, superintendent, janitor, etc.).

- A.** Mark only one circle. This address means the house or building number where your living quarters are located.
- H1.** Mark **Yes** and enter telephone number, even if the telephone is in another apartment or building.
- H2.** Mark the second circle only if you **must** go through someone else's living quarters to get to your own.
- H3.** The kitchen sink, stove, and refrigerator do **not** have to be in the same room.
Also used by another household means that someone else who lives in the same building, but is not a member of your household, also uses the equipment. Mark this circle also if the occupants of living quarters now vacant would also use the equipment.
- H4.** Count only whole rooms used for living purposes, such as living rooms, dining rooms, kitchens, bedrooms, finished recreation rooms, family rooms, etc. Do **not** count kitchenettes, strip or pullman kitchens; utility rooms; or unfinished attics, basements, or other space used for storage.
- H5.** Mark **hot water** even if you have it only part of the time.
- H6, H7.** See instructions for H3 for meaning of **Also used by another household**.
- H8.** A house has a **basement** if there is enclosed space in which persons can walk upright under all or part of the building. A house on a **concrete slab** has no basement and no air or crawl space below it. A house built in **another way** is one directly on the ground or resting on a foundation or posts to provide crawl space.
- H9.** **Owned or being bought** means that the living quarters are owned outright or are mortgaged. Also mark **Owned or being bought** if the living quarters are owned but the land is rented.
Mark Rented for cash rent if any money rent is paid. Rent may be paid by persons who are not members of your household.
Occupied without payment of cash rent includes, for example, a parsonage, a house or apartment provided free of rent by the owner, or a house or apartment occupied by a janitor or caretaker in exchange for services.
- H10.** A **commercial establishment** is easily recognized from the outside; for example, a grocery store or barber shop. A **medical office** is a doctor's or dentist's office regularly visited by patients. If your house is on a place of 10 acres or more **and** also contains a commercial establishment or medical office, mark **Yes, 10 acres or more**.
- H11.** Include the value of the house, the land it is on, and any other structures on the same property. If the house is owned but the land is rented, estimate the combined value of the house **and** the land.
- H12.** Report the rent agreed to or contracted for, even if the furnishings, utilities, or services are included.
a. If you pay rent by the month, write in the amount of rent and fill one circle.
b. If rent is **not** paid by the month, answer both parts of **b.** For example, \$20 per week, \$1,500 per year, etc.
- H13.** If exact costs are not known, estimate as closely as possible. Report amounts even if bills are unpaid or are paid by someone else. If the bills include utilities or fuel used also by another apartment or a business establishment, estimate the amounts for your own living quarters. If gas and electricity are billed together, enter the combined amount on the electricity line and bracket () the two utilities.
- H14.** This question refers to the type of heating equipment and not to the fuel used.
A **heat pump** is sometimes known as a **reverse cycle system**.
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. These furnaces do not have ducts leading to other rooms.
Any heater that you plug into an electric outlet should be counted as a **portable room heater**--not a built-in electric unit.
- H16.** Count all occupied and vacant living quarters in the house or building, but not stores or office space.
Detached means there is open space on all sides, or the house is joined only to a shed or garage. **Attached** means that the house is joined to another house or building by at least one wall which goes from ground to roof.
- H17.** A **city or suburban lot** is usually located in a city, a community, or any built-up area outside a city or community, and is not larger than the house and yard. All living quarters in apartment buildings, including garden-type apartments in the city or suburbs, are considered on a **city or suburban lot**.
A **place** is a farm, ranch, or any other property, other than a city or suburban lot, on which this **residence** is located.
- H18.** Fill the circle for the total (gross) amount of money received from the sales of crops, livestock, and other farm products produced on this place during the calendar year 1969.
- H19.** If a well provides water for six or more houses or apartments, mark a **public system**. If a well provides water for five or fewer houses or apartments, mark an **individual well**.
- H20.** A **public sewer** is operated by a government body or a private organization. A **septic tank or cesspool** is an underground tank or pit used for disposal of sewage.
- H22.** Count only equipment with a refrigeration unit to cool the air. Mark an **individual room unit** for air conditioners which are installed in a window or in an outside wall and are used to cool one or more rooms. Mark a **central system** for a central installation which cools the entire house or apartment.
- H23.** Do not count cars permanently out of working order. Also do not count taxicabs, pickups, or larger trucks.
- H24a.** Do not count a basement as a story.
b. Do not count elevators used only for freight.
- H25.** **Gas from underground pipes** is piped in from a central system such as a public utility company or a municipal government. **Bottled, tank, or LP gas** is stored in tanks which are refilled or exchanged when empty. **Other fuel** includes any fuel not separately listed, for example, purchased steam, fuel briquettes, waste material, etc.
- H27.** Mark the **Yes** circle whether you own the appliance or it is provided as part of the equipment in your living quarters. Do **not** count coin-operated equipment or appliances in storage.
- H28.** Count any set **equipped** to receive UHF (ultra high frequency) broadcasts, even if there are no such broadcasts in your area. Include sets that can be tuned directly to channels 14 to 83 and sets that receive UHF broadcasts by means of a converter. Also include sets that receive UHF broadcasts through a community antenna (CATV) or master antenna.
- H29.** A battery-operated radio is one that can be run on batteries and does not need to be plugged into an electric socket. Include battery-operated sets owned by any member of the household.
- H30.** Do **not** count vacation trailers, tents, or boats. Also do not count second homes used only for investment purposes.

Appendix C.—ACCURACY OF THE DATA

SOURCES OF ERROR.....	App-14
EDITING OF UNACCEPTABLE DATA	App-14
SAMPLE DESIGN	App-14
RATIO ESTIMATION	App-15
SAMPLING VARIABILITY	App-16

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, the manual editing and coding operations, 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. 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 housing as accurately and clearly as possible. To meet this objective, certain unacceptable entries were edited.

Whenever information was missing, an allocation procedure was used to assign an entry, thereby eliminating the need for a "not reported" category in the tabulations. 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." On the other hand, if the unit was reported as rented but the amount of rent was missing, the computer automatically assigned the rent that was reported for the preceding renter-occupied unit.

A similar procedure was used when the information reported for an item was inconsistent with other information reported for the unit. For example, if a housing unit was enumerated as having no piped water but having both a bathtub (or shower) and flush toilet for the exclusive use of the occupants of the unit, the computer edited water supply to "hot and cold water," a category considered to be consistent with the reported bathing and toilet facilities.

Specific tolerances were established for the number of computer allocations that would be permitted. If the number of corrections was beyond tolerance, the questionnaires in which the errors occurred were clerically reviewed. If it was found that the errors resulted from damaged questionnaires, from improper micro-filming, from faulty reading by FOSDIC of undamaged questionnaires, or from other types of machine failure, the questionnaires were reprocessed.

The extent of allocations for non-responses and inconsistencies is given

for SMSA's and places in the allocation tables in the 1970 Population Census PC(1)-B and PC(1)-C reports, and in the Housing Census HC(1)-A and HC(1)-B reports.

SAMPLE DESIGN

For sample data collected in 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 non-mail 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 non-mail areas. As in other areas, every fifth housing unit on 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; as indicated in Appendix B, information on the housing characteristics of group quarters was not collected in the census.

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 A.

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 larger areas the deviation from 20 percent was found to be quite small. Biases may have arisen, however, when the enumerator failed to follow his listing and sampling instructions exactly. Quality control procedures were used throughout the census process, and where there was clear evidence that the sampling proce-

dures were not properly followed, some enumerators' assignments were returned to the field for resampling. Estimates for the United States as a whole indicate that 19.6 percent of the total population and 19.7 percent of the total housing units were enumerated on sample questionnaires. The computation of these proportions excluded several classes of the population and housing units for which no attempt at sampling was made. These were 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. However, the ratio estimation procedure described below adjusts the sample data to reflect these classes of population and housing units.

TABLE A. Sample Rate for Subjects Included in This Report

Subject	Sample rate (percent)	Subject	Sample rate (percent)
OCCUPANCY CHARACTERISTICS		EQUIPMENT AND APPLIANCES	
Occupied housing units	20	Heating equipment	20
Tenure	20	Air conditioning	15
Race	20	Automobiles available	15
Spanish heritage	15	Second home	5
Year moved into unit	15	Clothes washing machine	5
		Clothes dryer	5
		Dishwasher	5
		Home food freezer	5
VACANCY CHARACTERISTICS		FINANCIAL CHARACTERISTICS	
Vacant for sale	20	Value	20
Vacant for rent	20	Sales price asked	20
Duration of vacancy	20	Gross rent	20
		Rent asked	20
		Inclusion of utilities	
		in rent	20
		Value-income ratio	20
		Gross rent as percentage	
		of income	20
UTILIZATION CHARACTERISTICS		HOUSEHOLD CHARACTERISTICS	
Number of rooms	20	Household composition	20
Size of household (persons)	20	Income	20
Persons per room	20		
Bedrooms	5		
PLUMBING CHARACTERISTICS			
Plumbing facilities	20		
Complete bathrooms	15		
STRUCTURAL CHARACTERISTICS			
Complete kitchen			
facilities	20		
Access	20		
Units in structure	20		
Mobile home or trailer	20		
Year structure built	20		
Elevator in structure	5		

RATIO ESTIMATION

The statistics based on 1970 census sample data are estimates made through the use of ratio estimation procedures which were applied separately for the 5-, 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." For the 15- and 20-percent samples the weighting areas contained a minimum population size of 2,500. The weighting areas used for the 5-percent ratio estimate were larger areas having a minimum population size of 25,000 and comprising combinations of the weighting areas used for the 15- and 20-percent samples. Weighting areas were established by a mechanical operation on the computer and were defined to conform, as nearly as possible, to areas for which tabulations are produced. Where these areas do

not agree (primarily for smaller areas), there may be some differences between complete counts and sample estimates.

The ratio estimation process 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.

Group

Occupied housing units:

STAGE I

Male Head With Own Children Under 18

- 1 1-person household
- 2 2-person household
- 3 3-person household

.
.

- 6 6-or-more-person household

Male Head Without Own Children Under 18

- 7-12 1-person to 6-or-more-person households

Female Head

- 13-18 1-person to 6-or-more-person households

STAGE II

Owner Occupied

- 19 Negro
- 20 Not Negro

Renter Occupied

- 21 Negro
- 22 Not Negro

Vacant housing units:

- 23 Year-round vacant for sale
- 24 Year-round vacant for rent
- 25 Other vacant

At each stage, for each of the occupied housing groups, the ratio of the complete count to the weighted sample count of the housing units in the group was computed and applied to the weight of each sample unit in the group. This operation was performed for each of the 18 groups in the first stage, then for the four groups in the second stage. As a rule, the weighted sample counts within each of the 4 groups in the second stage for occupied units should agree with the complete counts for the weighting areas (close, although not exact consistency can be expected for the 18 groups in the first stage). Similarly, the weighted sample counts within each of the 3 groups in the single stage for vacant housing units should agree with the complete counts for the weighting area.

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. Furthermore, in order to increase the reliability, a separate ratio was not computed in a group whenever certain criteria pertaining to the complete count of housing units and the magnitude of the weight were not met. For example, for the 20-percent sample the complete count of units in a group had to exceed 70 units 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, con-

sistency 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 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 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 population 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 housing unit 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 the 20-, 15-, and 5-percent sample tabulations are subject to sampling variability. The standard errors of these estimates can be approximated by using the data in tables B through D. 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 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 $2\frac{1}{2}$ 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 D in conjunction with table B for absolute numbers and in conjunction with table C for percentages. 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 B 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 size of the area over which the data have been compiled are ignored. Table C shows standard errors of most percentages based on the 20-percent sample. Linear interpolation in tables B and C will provide approximate results that are satisfactory for most purposes. Table D provides a factor by which the standard errors shown in tables B or C should be multiplied to adjust for the effect of the sample size (i.e., whether a 15-percent or 5-percent sample) and the effect of the estimation procedure.

To estimate the standard error for a given characteristic, locate the factor in table D for the appropriate characteristic and the sample size used to tabulate the data, and multiply this

factor by the standard error found in table B or C. Where data are shown as cross-classifications of two characteristics, locate and use the larger factor. Similarly, if an item, although collected on one sample basis, has been tabulated for a smaller sample, use the factor appropriate for the smaller 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 sample statistics for 1970 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 characteristics 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 B

through D. The standard error of a 1960 sample figure may be obtained from the relevant 1960 census report.

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 rooms, median value, median gross 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 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 B, 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 sub-

tracting from and adding to one-half the number reporting the characteristics. Interpolation to obtain the

values corresponding to these numbers gives the confidence limits for the median.

TABLE B. Approximate Standard Error of Estimated Number Based on 20-Percent Sample

(Range of 2 chances out of 3; for factors to be applied see table D and text)

Estimated number ¹	Number of housing units in area ²						
	10,000	25,000	100,000	250,000	1,000,000	2,500,000	4,000,000
50	15	15	15	15	15	15	15
100	20	20	20	20	20	20	20
250	30	30	30	30	30	30	30
500	45	45	45	45	45	45	45
1,000	60	60	65	65	65	65	65
2,500	90	95	100	100	100	100	100
5,000	100	130	140	140	140	140	140
10,000 .....	...	150	190	200	200	200	200
15,000 .....	...	150	230	240	240	240	240
25,000 .....	...	...	270	300	310	310	320
50,000 .....	...	...	320	400	440	440	440
75,000 .....	...	...	270	450	520	540	540
100,000 .....	...	...	...	490	600	620	630

¹ For estimated numbers larger than 100,000, the relative errors are somewhat smaller than for 100,000.

² An area is the smallest complete geographic area to which the estimate under consideration pertains. Thus, the area may be the standard metropolitan statistical area or the place. Housing units with Negro heads of household or Spanish heritage heads of household do not represent complete areas.

TABLE C. Approximate Standard Error of Estimated Percentage Based on 20-Percent Sample

(Range of 2 chances out of 3; for factors to be applied see table D and text)

Estimated percentage	Base of percentage						
	500	1,000	2,500	10,000	25,000	100,000	250,000
2 or 98	1.3	0.9	0.6	0.3	0.2	0.1	0.1
5 or 95	2.0	1.4	0.9	0.4	0.3	0.1	0.1
10 or 90	2.7	1.9	1.2	0.6	0.4	0.2	0.1
25 or 75	3.9	2.7	1.7	0.9	0.5	0.3	0.2
50	4.5	3.2	2.0	1.0	0.6	0.3	0.2

TABLE D. Factor to be Applied to Standard Errors

Characteristic ¹	Factor if sample rate is—			Characteristic ¹	Factor if sample rate is—		
	20 percent	15 percent	5 percent		20 percent	15 percent	5 percent
OCCUPANCY AND VACANCY CHARACTERISTICS				EQUIPMENT, FUELS, AND APPLIANCES			
Year moved into unit .....	...	1.1	...	Heating equipment	0.8	0.9	...
Duration of vacancy	0.8	...	1.7	Air conditioning .....	...	1.1	...
UTILIZATION CHARACTERISTICS				Automobiles available .....	...	1.0	...
Rooms	1.0	1.1	2.1	Appliances .....	...	...	1.9
Size of household (persons)	0.5	0.6	1.2	FINANCIAL CHARACTERISTICS			
Persons per room	0.4	0.5	0.9	Value	1.0	1.1	2.1
Bedrooms .....	...	...	2.1	Value-income ratio	1.0	1.2	...
PLUMBING CHARACTERISTICS				Gross rent	0.9	1.1	2.1
Complete bathrooms .....	...	1.1	...	Gross rent as percentage of income	1.0	1.2	...
Plumbing facilities	1.0	...	...	Sales price asked	1.1	...	2.5
STRUCTURAL CHARACTERISTICS				Rent asked	1.1	...	2.5
Units in structure	0.8	0.9	1.7	HOUSEHOLD CHARACTERISTICS			
Year structure built	0.9	1.0	...	Household composition	0.6	0.7	...
				Income in 1969	1.0	1.2	2.3
				ALL OTHERS	1.0	1.2	2.2

¹Tabulations of housing data for households with heads of Spanish heritage are based on the 15-percent sample. For characteristics of households with heads of Spanish heritage (tables 19 to 26), use the factors given for the 15-percent sample.

NOTE: In this report an item collected for the 20-percent sample may be cross-tabulated with other items based on the 15-percent or 5-percent samples. In such cases, locate the factor for both items in Table D for the smaller sample size. Use the larger of the two factors. For example, in Table 9, duration of vacancy (a 20-percent item) is cross-tabulated by number of bedrooms (a 5-percent item). The factor for duration of vacancy based on a 5-percent sample is 1.7 and for bedrooms it is 2.1. The factor of 2.1 should be used to adjust the standard errors since it is the larger of the two factors based on the 5-percent sample.

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.

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 clothbound 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), standard metropolitan statistical areas (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), cover most of the 1970 census housing subjects in considerable detail and cross-classification. There is 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, home-owner 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 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.

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 clothbound 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, 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 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 is shown for some or all of the following areas: States (by urban, rural-nonfarm, and rural-farm residence), SMSA's, and large cities.

Volume 11.

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.

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 consists 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 51 cities and seven rural poverty areas. Each report provides 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 is 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 are generally 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—contains 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 are available only on tape.

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

The tapes are generally organized on a State basis. To use the First Count and Third Count tapes, it is 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 makes available for purchase certain sample tape files containing population and housing characteristics as shown on individual census records. These files contain no names or addresses, and the geographic identification is sufficiently broad to protect confidentiality. There are six files, each containing a 1-percent national sample of persons and housing units. Three of the files are 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 provides a different type of geographic information: One identifies individual large SMSA's and, for the rest of the country, groups of counties; the second individual States and, where they are sufficiently large, provides urban-rural and metropolitan-nonmetropolitan detail; and the third State groups and size of place, with each individual record showing selected characteristics of the persons's neighborhood.